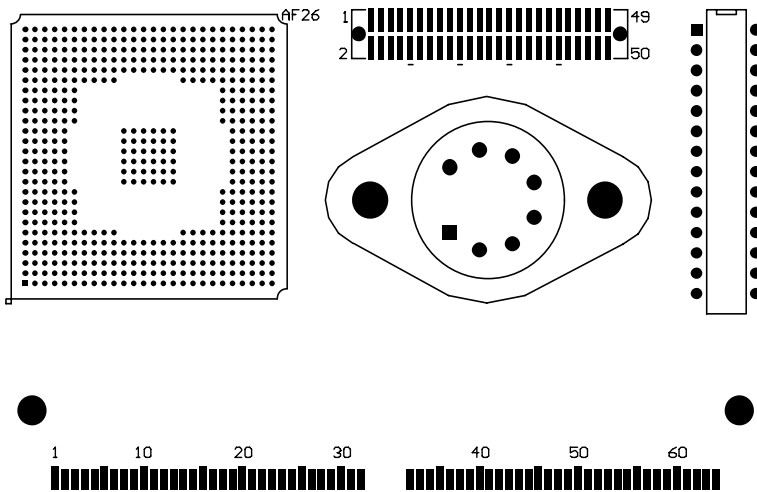


CircuitMaker[®] 2000

the virtual electronics lab[™]



TraxMaker Footprint Library Guide

pcb footprints and
boardblanks

Revision A

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This guide contains references to items contained in both the Standard Edition of TraxMaker and the Professional Edition. The items which do not apply to the Standard Edition of TraxMaker are indicated with the following label:

Professional Edition

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Guidelines

These guidelines are for customer reference only. They do not necessarily supercede manufacturer data. They are subject to change without notice.

Libraries have been developed using previous or other guidelines. As libraries are updated, current guidelines may be implemented. Special part groups may dictate other guidelines be used.

Protel International is not responsible for the use or implementation of guidelines. It is the user's responsibility to ensure that the patterns used in a specific design conform to the actual components being used.

Surface Mount Gull-wing Pads

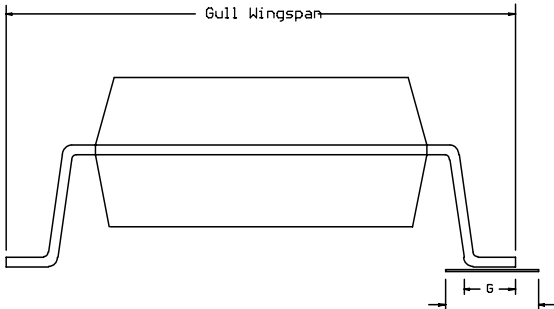
Surface Mount J-Lead Pads

Thru-hole Pads and Lead Bends

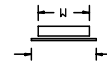
Finished Hole Size and Pad Size Table

Maximum Recommended Current-carrying Capacity
for Various Track Widths and Thicknesses

Surface Mount Gull-wing Pads



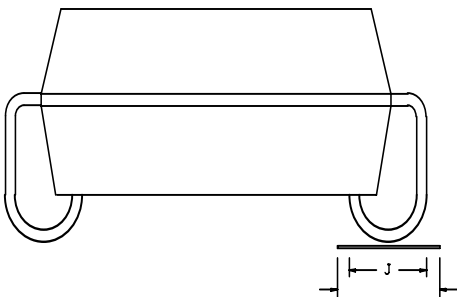
$$\text{Pad Length} = G + .040$$



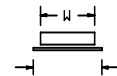
$$\text{Pad Width} = W + .006$$

$$\text{Min Pad Width} = W \text{ Max}$$

Surface Mount J-Lead Pads



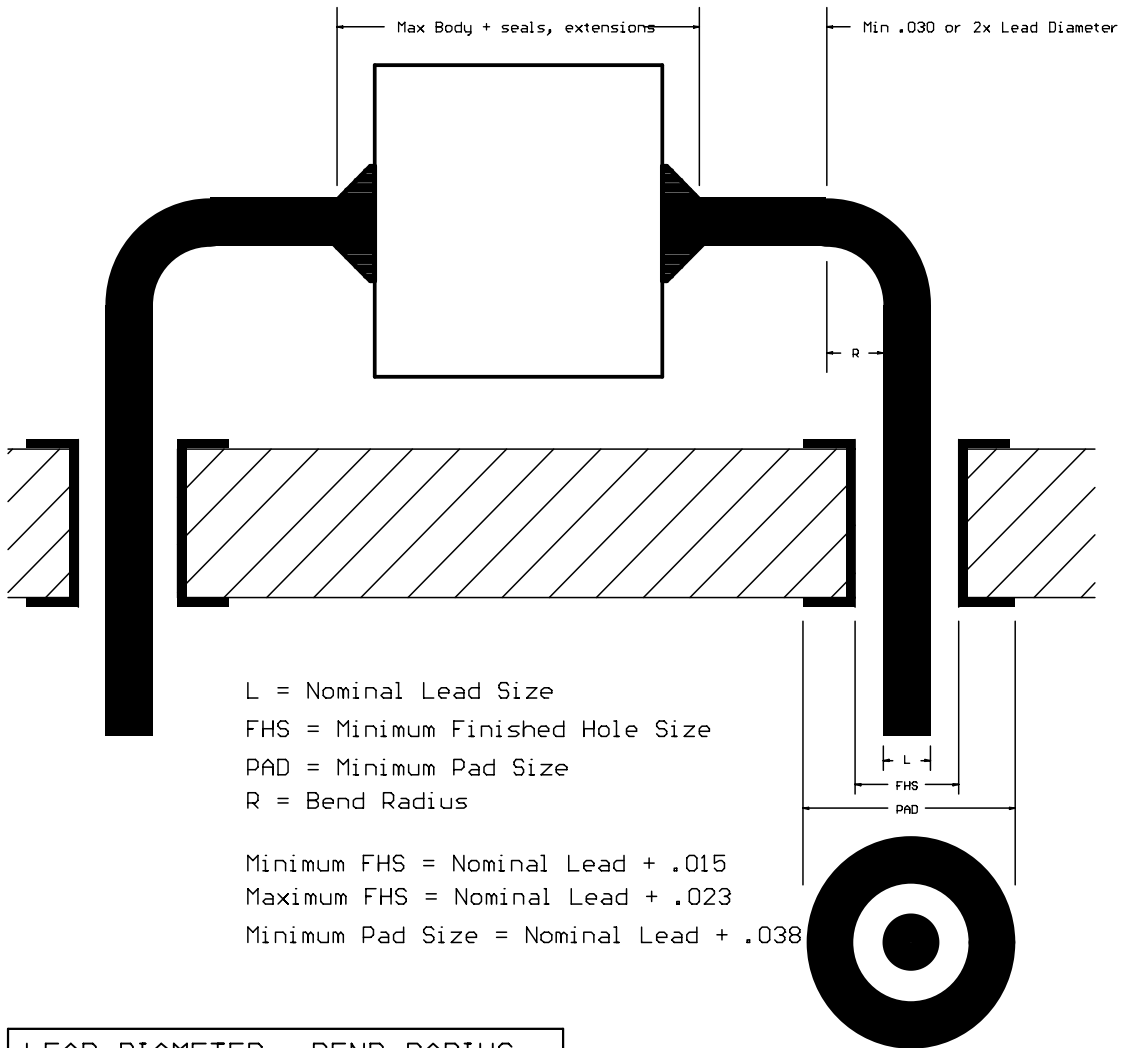
$$\text{Pad Length} = J + .040$$



$$\text{Pad Width} = W + .006$$

$$\text{Min Pad Width} = W \text{ Max}$$

Thru-hole Pads and Lead Bends



| LEAD DIAMETER | BEND RADIUS |
|----------------|---------------------|
| < 0.030 | 0.030 |
| 0.030 to 0.047 | 1.5 x Lead Diameter |
| > 0.047 | 2 x Lead Diameter |

Finished Hole Size and Pad Size Table

| Nom LEAD | Min FHS | Min PAD | Component Types |
|--|-----------------|---------|--|
| 0.013 0.014 0.015 | 0.028 +/- 0.003 | 0.052 | 28 AWG solid, DO-16 28 AWG 7/36 stranded |
| 0.016 0.016 0.017 0.018 | 0.031 +/- 0.003 | 0.054 | 28 AWG 19/40 stranded 28 AWG solid RJ26 trimmer RC05, RL05, RN50 |
| 0.019 0.020 0.020 0.020 0.020 0.021 0.021 0.021 0.021 | 0.034 +/- 0.003 | 0.058 | 26 AWG 7/34 stranded 24 AWG solid 26 AWG 19/38 stranded RJ24 trimmer CC75, CC76, CK12, CK13 TO-5,9,12,17,18,33,39,42,46,52,71-80 TO-92, 96-102, 205, 206 CSR09 DIP, SIP |
| 0.022 0.022 0.022 0.022 0.023 0.024 0.024 | 0.037 +/- 0.003 | 0.060 | TO-18, 37, 92, 99, 226 rnd, 237 rnd DO-7, DO-14, DO-34, DO-35 CSR13A-B, CSR23A-B, CSR33A-B CSR91W-X, CK50 RN55 24 AWG 7/32 stranded |
| 0.025 0.025 0.025 0.026 0.027 0.027 0.027 0.027 0.027 0.027 0.027 0.027 | 0.040 +/- 0.003 | 0.064 | 24 AWG 19/36 stranded 22 AWG solid CLS12A-B, CLS13A-B 24 AWG stranded RL07, RC07, RN60 CK05, CK06, CK60 CSR13C-D, CSR21C-D,21Y-Z CSR23C-D, CSR33C-D CC07, CC08 CL20-23, CL30-33, CL64-67, CL70-73 CLR25, CLR27, CLR35, CLR37 CLR71, CLR73, CLR79, CLR81 |
| 0.028 0.029 0.029 0.030 0.030 | 0.043 +/- 0.003 | 0.066 | CC77, CC78, CC79, TO-250 CK14, CK15, CK16 22 AWG 7/30 stranded, CLS12C-D CLS13C-D, TO-226,237 sq. |
| 0.031 0.032 0.032 0.033 | 0.046 +/- 0.003 | 0.070 | 22 AWG 19/34 stranded 20 AWG solid DO-29, RN65, RN70, TO-8, TO-223 |

| Nom LEAD | Min FHS | Min PAD | Component Types |
|---|-------------------------------------|---------|---|
| 0.034 0.035 0.036 0.036 | 0.049 +/- 0.003 | 0.072 | RL20, DO-41, TO-66, TO-123-4, TO-213 DO-13, DO-15, TO-257 0.025 square posts RC20, CK64, DO-27 |
| 0.037 0.038 0.039 | 0.052 +/- 0.003 | 0.076 | 20 AWG 7/28 stranded DO-26 |
| 0.040 0.040 0.040 0.041 0.042 0.043 0.044 | 0.058 +/- 0.004 | 0.082 | 20 AGW 19/32 stranded 18 AWG solid CLR10 RL32, TO-251 TO-3, 126, 220,256 |
| 0.045 0.045 0.046 0.047 0.048 0.049 0.050 0.051 0.052 | 0.066 +/- 0.004 | 0.090 | 17 AWG solid RC32, TO-254 RC42 18 AWG 19/30 stranded 16 AWG solid |
| 0.053 0.054 0.055 0.056 0.057 0.058 0.060 | 0.074 +/- 0.004 | 0.098 | 16 AWG 19/29 stranded 15 AWG solid |
| 0.061 0.063 0.064 0.064 0.068 | 0.082 +/- 0.004 | 0.106 | TO-202, 221 TO-127, 247 0.045 square posts 14 AWG solid |
| 0.069 0.073 0.076 | 0.090 +/- 0.004 0.085 non-plated | 0.114 | # 1-64 screw |
| 0.077 0.081 0.084 | 0.098 +/- 0.004 | 0.122 | 12 AWG solid |
| 0.085 0.086 0.088 0.090 0.092 | 0.106 +/- 0.004 0.098 non-plated | 0.130 | # 2-56 screw 12 AWG 37/28 stranded 12 AWG 19/25 stranded |

| Nom LEAD | Min FHS | Min PAD | Component Types |
|----------------------------------|-------------------------------------|----------------|---------------------------------------|
| 0.093 0.099 0.100 | 0.114 +/- 0.004 0.110 non-plated | 0.138 | # 3-48 screw |
| 0.101 0.102 0.108 | 0.122 +/- 0.004 | 0.146 | 10 AWG solid |
| 0.109 0.111 0.112 0.116 | 0.130 +/- 0.004 0.121 non-plated | 0.154 | 10 AWG 37/26 stranded # 4-40 screw |
| 0.117 0.124 | 0.138 +/- 0.004 | 0.162 | |
| 0.125 0.125 0.132 | 0.146 +/- 0.004 0.134 non-plated | 0.170 | # 5-40 screw |
| 0.133 0.138 0.140 | 0.154 +/- 0.004 0.147 non-plated | 0.178 | # 6-32 screw |
| 0.141 0.148 | 0.162 +/- 0.004 | 0.186 | |
| 0.149 0.156 | 0.170 +/- 0.004 | 0.194 | |
| 0.157 0.164 | 0.178 +/- 0.004 0.173 non-plated | 0.202 | # 8-32 screw |
| 0.165 0.172 | 0.186 +/- 0.004 | 0.210 | |
| 0.173 0.180 | 0.194 +/- 0.004 | 0.218 | |
| 0.181 0.188 | 0.202 +/- 0.004 | 0.226 | |
| 0.189 0.190 0.196 | 0.210 +/- 0.004 0.199 non-plated | 0.234 | # 10-32 screw |
| 0.197 0.204 | 0.218 +/- 0.004 | 0.242 | |
| 0.205 0.212 | 0.226 +/- 0.004 | 0.250 | |
| 0.213 0.216 | 0.234 +/- 0.004 0.225 non-plated | 0.258 | # 12-24 screw |

Maximum Recommended Current-carrying Capacity for Various Track Widths and Thicknesses

| Track width in inches | Current in Amperes | | | |
|-----------------------------|--------------------|--------------|--------------|--------------|
| | 1/2 oz Foil | 1 oz Foil | 2 oz Foil | 3 oz Foil |
| 0.005 | 0.13 | 0.50 | 0.70 | 1.00 |
| 0.010 | 0.50 | 0.80 | 1.40 | 1.90 |
| 0.020 | 0.70 | 1.40 | 2.20 | 3.00 |
| 0.030 | 1.00 | 1.90 | 3.00 | 4.00 |
| 0.050 | 1.50 | 2.50 | 4.00 | 5.50 |
| 0.070 | 2.00 | 3.50 | 5.00 | 7.00 |
| 0.100 | 2.50 | 4.00 | 7.00 | 9.00 |
| 0.150 | 3.50 | 5.50 | 9.00 | 13.00 |
| 0.200 | 4.00 | 6.00 | 11.00 | 14.00 |

| | | |
|---------|---|------------------------|
| Number | = | Array size (each side) |
| BGA | = | Ball Grid Array |
| NumberM | = | Pitch in mm |
| Number | = | Pin count |

| | | |
|--------------|--------------|--------------|
| 6BGA100M20 | 23BGA127M168 | 37BGA127M408 |
| 6BGA100M32 | 23BGA127M240 | 37BGA127M528 |
| 6BGA100M36 | 23BGA127M304 | 37BGA127M640 |
| | 23BGA127M360 | |
| 10BGA100M36 | 23BGA127M529 | 39BGA127M432 |
| 10BGA100M64 | 25BGA127M313 | 39BGA127M560 |
| 10BGA100M100 | 25BGA127M625 | 39BGA127M680 |
| 10BGA127M36 | | 39BGA127M761 |
| 10BGA127M64 | 26BGA127M192 | |
| 10BGA127M100 | 26BGA127M276 | |
| | 26BGA127M338 | |
| 11BGA127M40 | 26BGA127M352 | |
| 11BGA127M72 | 26BGA127M416 | |
| 11BGA127M96 | 26BGA127M420 | |
| 11BGA127M121 | 26BGA127M492 | |
| | 26BGA127M676 | |
| 13BGA150M169 | | |
| | 29BGA127M312 | |
| 14BGA127M52 | 29BGA127M400 | |
| 14BGA127M96 | 29BGA127M479 | |
| 14BGA127M132 | 29BGA127M480 | |
| 14BGA127M196 | 29BGA127M503 | |
| | 29BGA127M841 | |
| 15BGA150M225 | | |
| | 31BGA127M336 | |
| 17BGA127M64 | 31BGA127M428 | |
| 17BGA127M120 | 31BGA127M432 | |
| 17BGA127M168 | 31BGA127M520 | |
| 17BGA127M208 | 31BGA127M961 | |
| 17BGA127M289 | | |
| | 32BGA127M540 | |
| 19BGA127M136 | | |
| 19BGA127M192 | 33BGA127M360 | |
| 19BGA127M240 | 33BGA127M464 | |
| 19BGA127M361 | 33BGA127M560 | |
| | | |
| 20BGA127M144 | 35BGA127M384 | |
| 20BGA127M204 | 35BGA127M496 | |
| 20BGA127M256 | 35BGA127M596 | |
| 20BGA127M272 | 35BGA127M600 | |
| 20BGA127M400 | | |

BGA

6x6

6BGA100M20 F₆



6BGA100M32 F₆



6BGA100M36 F₆



10x10

10BGA100M36 K₁₀



10BGA100M64 K₁₀



10BGA100M100 K₁₀



19BGA127M36 K₁₀



10BGA127M64 K₁₀

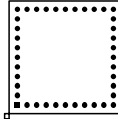


10BGA127M100 K₁₀

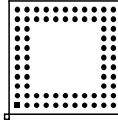


11x11

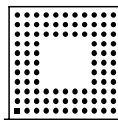
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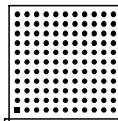
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11BGA127M96 L₁₁

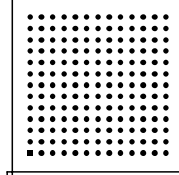


11BGA127M121 L₁₁



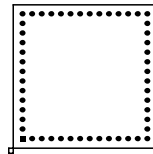
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13BGA150M169 N₁₃

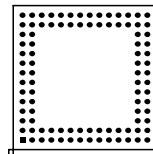


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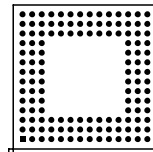
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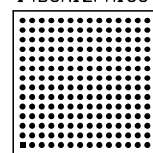
14BGA127M96 P₁₄



14BGA127M132 P₁₄



14BGA127M196 P₁₄



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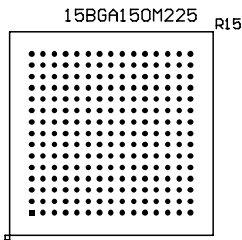
BGA LIBRARY

BGA.LIB

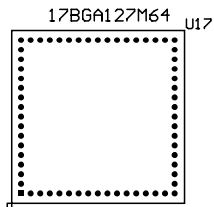
BGA-1

BGA

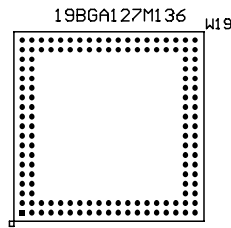
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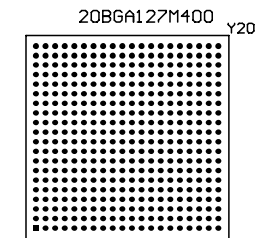
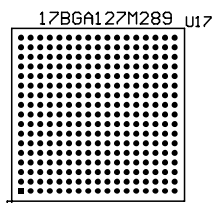
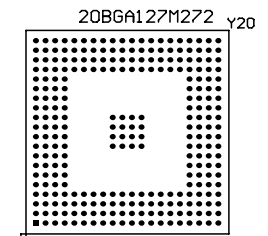
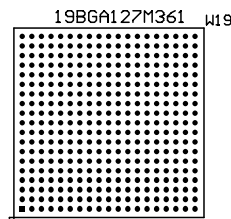
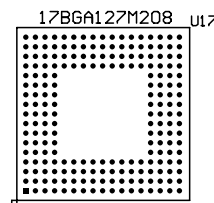
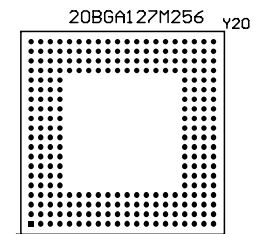
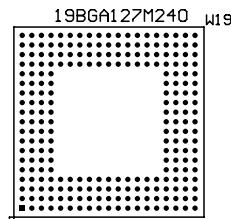
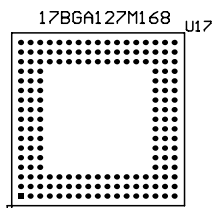
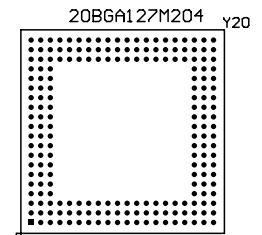
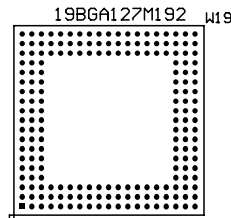
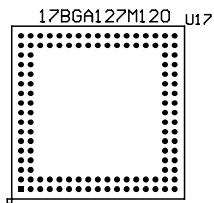
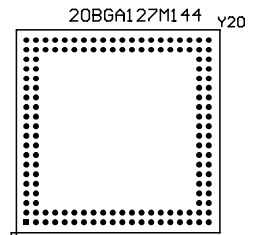
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19x19



20x20



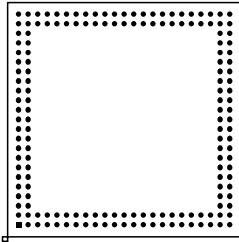
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| REVISION 7.00 | BGA LIBRARY | |
| BGA.LIB | | BGA-2 |

BGA

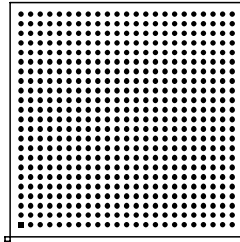
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25x25

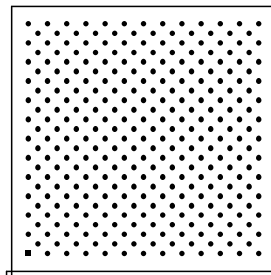
23BG1127M168 AC23



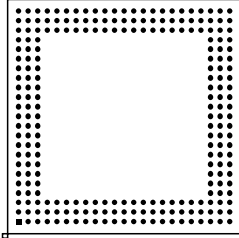
23BGA127M529 AC23



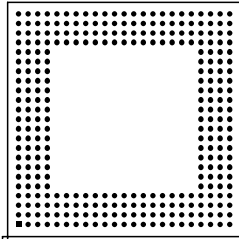
25BGA127M313 AE25



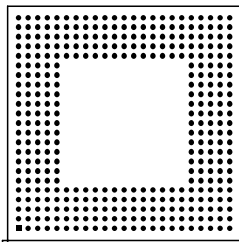
23BGA127M240 AC23



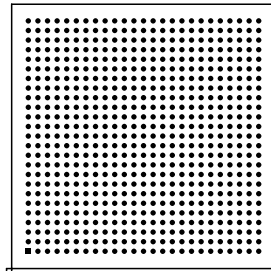
23BGA127M304 AC23



23BGA127M360 AC23



25BGA127M625 AE25



REVISION 7.00

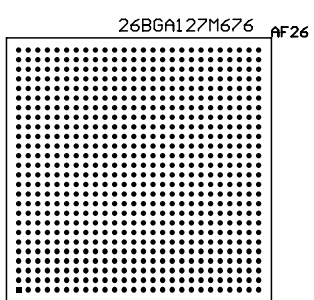
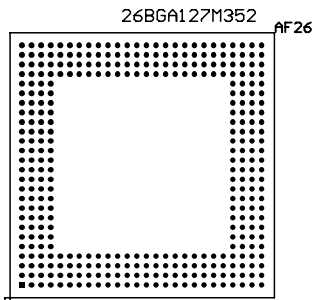
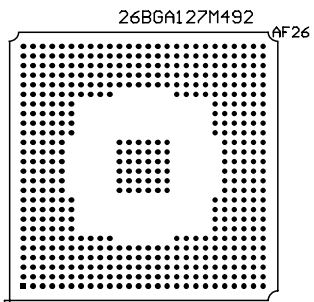
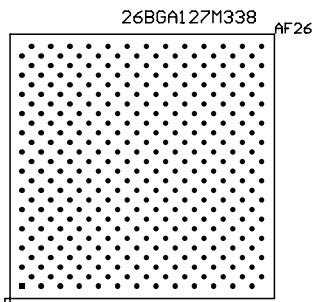
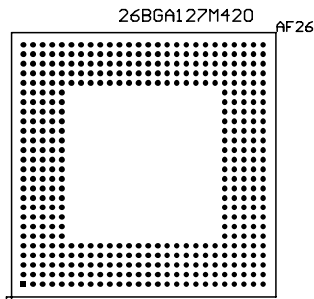
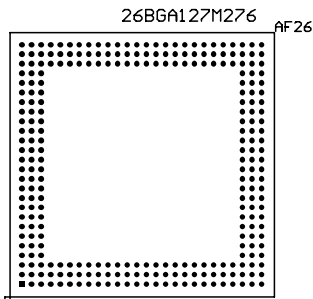
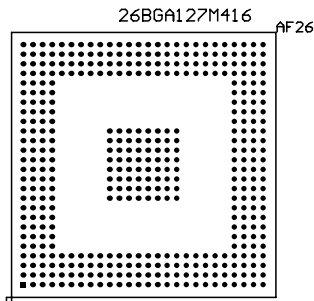
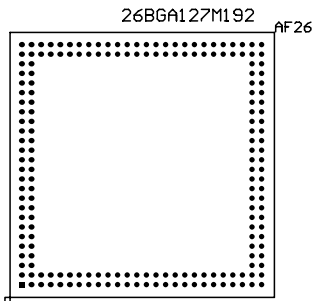
BGA LIBRARY

BGA.LIB

BGA-3

BGA

26x26

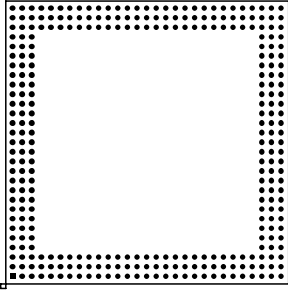


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| REVISION 7.00 | BGA LIBRARY | |
| BGA.LIB | | BGA-4 |

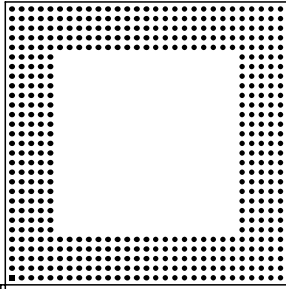
BGA

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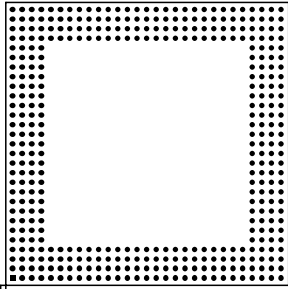
29BGA127M312 AJ29



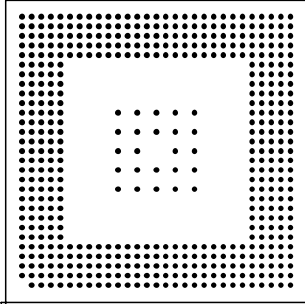
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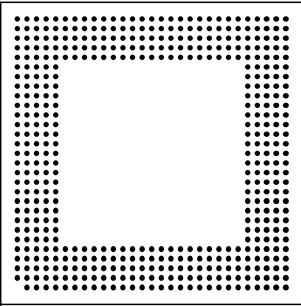
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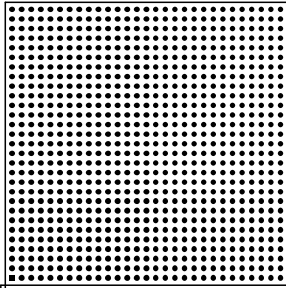
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29BGA127M479 AJ29



29BGA127M841 AJ29



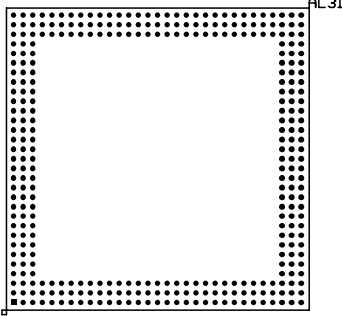
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| REVISION 7.00 | BGA LIBRARY | |
| BGA.LIB | | BGA-5 |

BGA

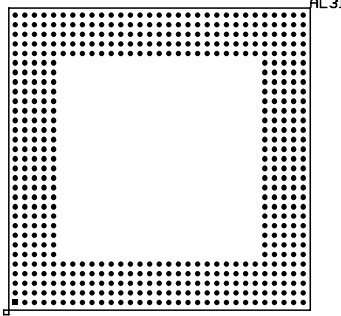
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32x32

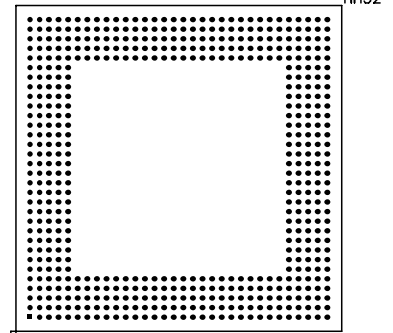
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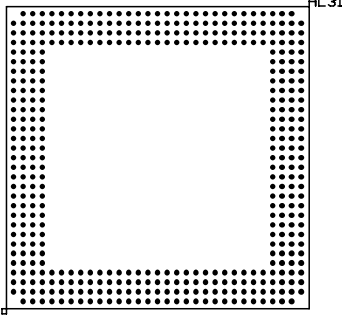
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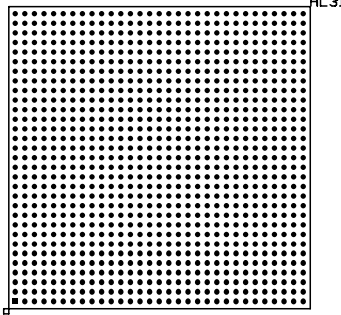
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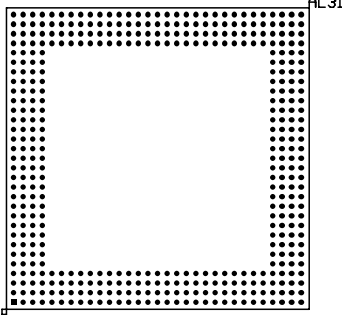
31BGA127M428



31BGA127M961



31BGA127M432



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| REVISION 7.00 | BGA LIBRARY | |
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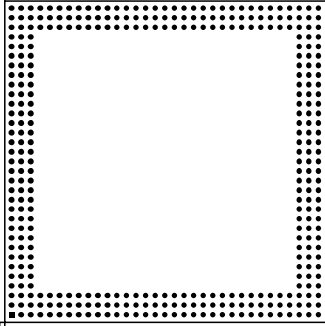
BGA

33x33

35x35

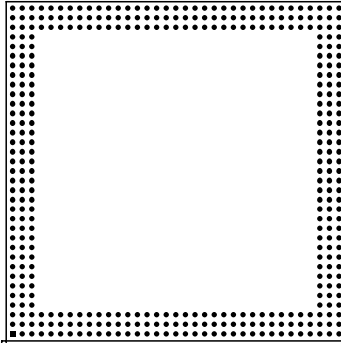
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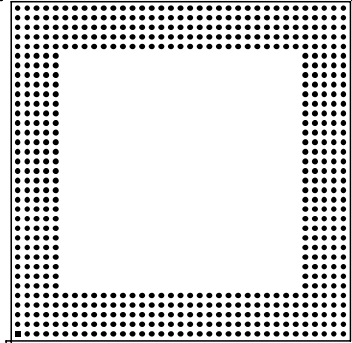
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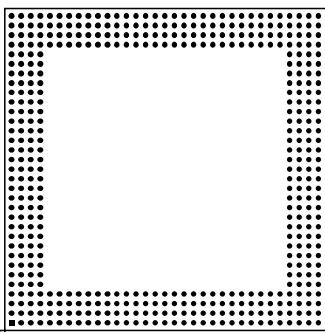
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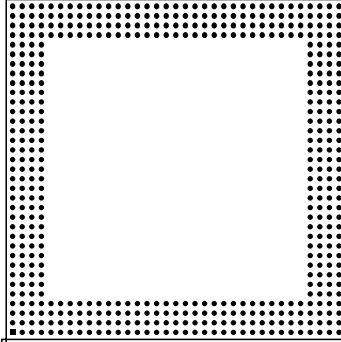
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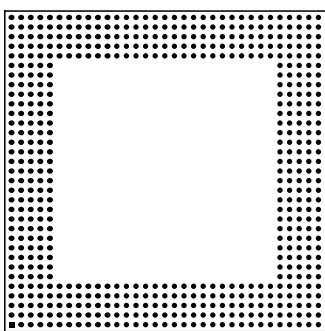
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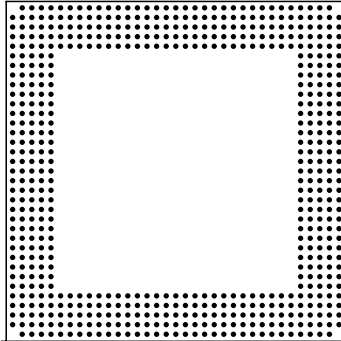
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AN33



35BGA127M596

AR34



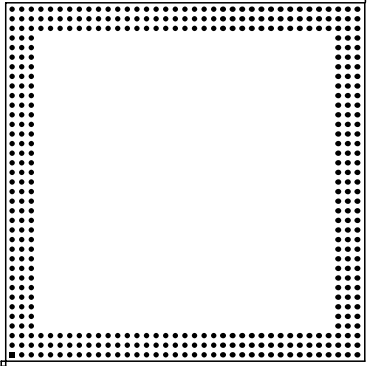
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37x37

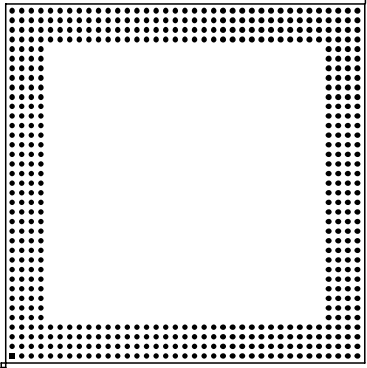
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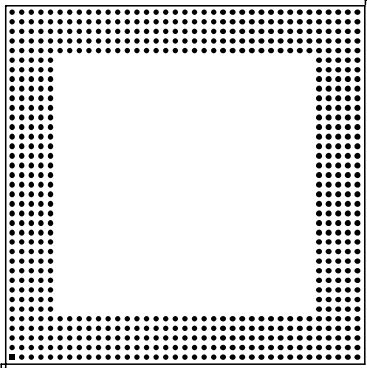
37BGA127M528

AU37



37BGA127M640

AU37



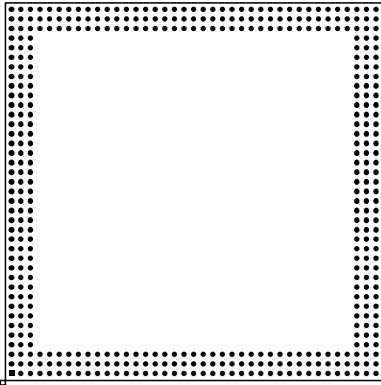
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| REVISION 7.00 | BGA LIBRARY | |
| BGA.LIB | | BGA-8 |

BGA

39x39

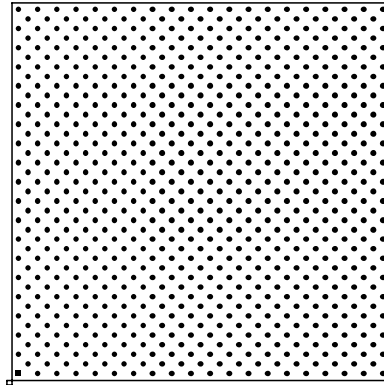
39BGA127M432

AW39



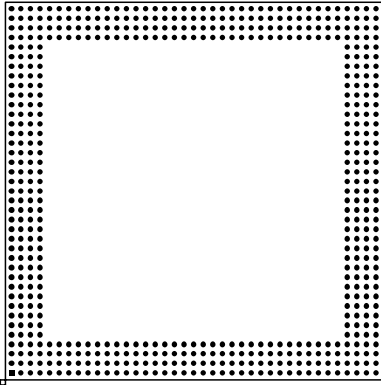
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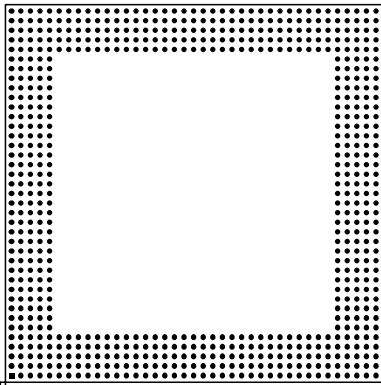
39BGA127M560

AW39



39BGA127M680

AW39



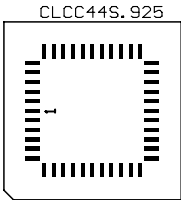
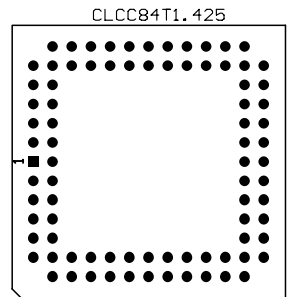
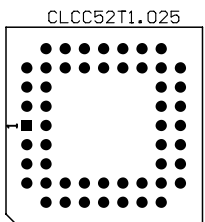
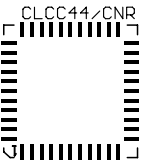
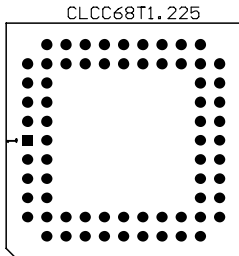
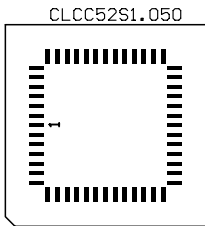
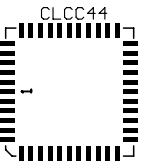
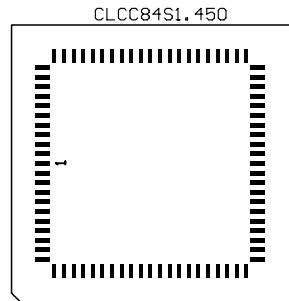
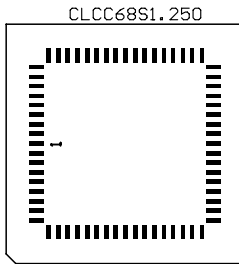
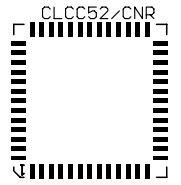
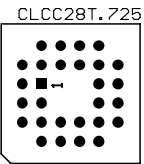
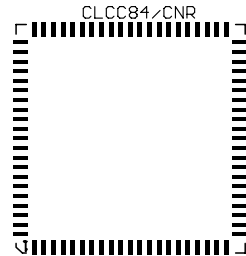
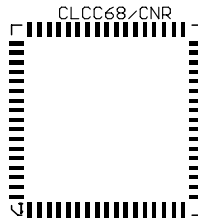
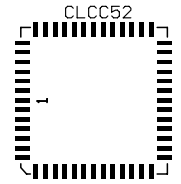
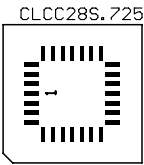
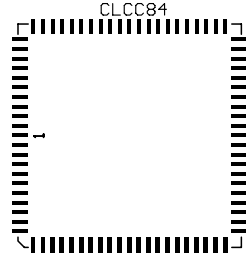
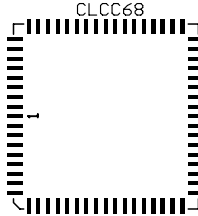
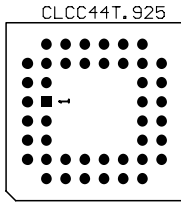
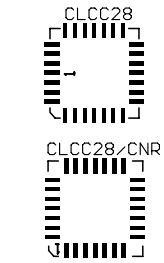
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| REVISION 7.00 | BGA LIBRARY | |
| BGA.LIB | | BGA-9 |

CLCC.LIB

| | | |
|--------|---|--------------------------------------|
| CLCC | = | Ceramic Leaded Chip Carrier |
| Number | = | Pin count |
| /CNR | = | Corner pin 1 (default center) |
| S, T | = | Surface mount or Through-hole socket |
| Number | = | Socket Size in inches |

CLCC28
CLCC28/CNR
CLCC28S.725
CLCC28T.725
CLCC44
CLCC44/CNR
CLCC44S.925
CLCC44T.925
CLCC52
CLCC52/CNR
CLCC52S1.050
CLCC52T1.025
CLCC68
CLCC68/CNR
CLCC68S1.250
CLCC68T1.225
CLCC84
CLCC84/CNR
CLCC84S1.450
CLCC84T1.425

CLCC



| | | |
|---------------|--------------|--------|
| REVISION 6.80 | CLCC LIBRARY | |
| CLCC.LIB | | CLCC-1 |

| | | |
|--------|---|--|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| S | = | Surface mount |
| B | = | Block style |
| Number | = | Gull wings or right angle body width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .420 Wide
OE Pinout**

C050SB420R : HELP
 C050SB420R00
 C050SB420R10
 C050SB420R12
 C050SB420R14
 C050SB420R16
 C050SB420R18
 C050SB420R20
 C050SB420R22
 C050SB420R24
 C050SB420R26
 C050SB420R28
 C050SB420R30
 C050SB420R32
 C050SB420R34
 C050SB420R36
 C050SB420R38
 C050SB420R40
 C050SB420R42
 C050SB420R44
 C050SB420R46
 C050SB420R48
 C050SB420R50
 C050SB420R60
 C050SB420R70
 C050SB420R80
 C050SB420R90

**Rt. Angle .420 Wide
Inv () OE Pinout**

C050SB42_R : HELP
 C050SB42_R00
 C050SB42_R10
 C050SB42_R12
 C050SB42_R14
 C050SB42_R16
 C050SB42_R18
 C050SB42_R20
 C050SB42_R22
 C050SB42_R24
 C050SB42_R26
 C050SB42_R28
 C050SB42_R30
 C050SB42_R32
 C050SB42_R34
 C050SB42_R36
 C050SB42_R38
 C050SB42_R40
 C050SB42_R42
 C050SB42_R44
 C050SB42_R46
 C050SB42_R48
 C050SB42_R50
 C050SB42_R60
 C050SB42_R70
 C050SB42_R80
 C050SB42_R90

**Vertical .165 Gulls
OE Pinout**

C050SB165V : HELP
 C050SB165V00
 C050SB165V10
 C050SB165V20
 C050SB165V30
 C050SB165V40
 C050SB165V50
 C050SB165V60
 C050SB165V70
 C050SB165V80
 C050SB165V90

**Vertical .165 Gulls
Inv () OE Pinout**

C050SB16_V : HELP
 C050SB16_V00
 C050SB16_V10
 C050SB16_V20
 C050SB16_V30
 C050SB16_V40
 C050SB16_V50
 C050SB16_V60
 C050SB16_V70
 C050SB16_V80
 C050SB16_V90

**Vertical .230 Gulls
OE Pinout**

C050SB230V : HELP
 C050SB230V00
 C050SB230V2
 C050SB230V4
 C050SB230V6
 C050SB230V8
 C050SB230V10
 C050SB230V12
 C050SB230V14
 C050SB230V16
 C050SB230V18
 C050SB230V20
 C050SB230V22
 C050SB230V24
 C050SB230V26
 C050SB230V28
 C050SB230V30
 C050SB230V32
 C050SB230V34
 C050SB230V36
 C050SB230V38
 C050SB230V40
 C050SB230V42
 C050SB230V44
 C050SB230V46
 C050SB230V48
 C050SB230V50
 C050SB230V60
 C050SB230V70
 C050SB230V80
 C050SB230V90

Vertical .230 Gulls
Inv () OE Pinout

C050SB23_V : HELP
C050SB23_V00
C050SB23_V2
C050SB23_V4
C050SB23_V6
C050SB23_V8
C050SB23_V10
C050SB23_V12
C050SB23_V14
C050SB23_V16
C050SB23_V18
C050SB23_V20
C050SB23_V22
C050SB23_V24
C050SB23_V26
C050SB23_V28
C050SB23_V30
C050SB23_V32
C050SB23_V34
C050SB23_V36
C050SB23_V38
C050SB23_V40
C050SB23_V42
C050SB23_V44
C050SB23_V46
C050SB23_V48
C050SB23_V50
C050SB23_V60
C050SB23_V70
C050SB23_V80
C050SB23_V90

Vertical .248 Gulls
OE Pinout

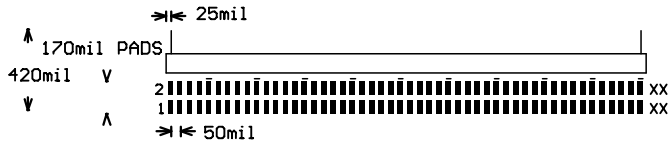
C050SB248V : HELP
C050SB248V00
C050SB248V10
C050SB248V20
C050SB248V24
C050SB248V30
C050SB248V40
C050SB248V50
C050SB248V60
C050SB248V80

Vertical .248 Gulls
Inv () OE Pinout

C050SB24_V : HELP
C050SB24_V00
C050SB24_V10
C050SB24_V20
C050SB24_V24
C050SB24_V30
C050SB24_V40
C050SB24_V50
C050SB24_V60
C050SB24_V80

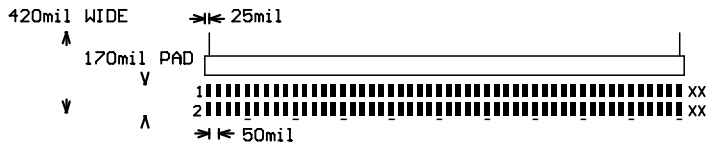
CON050SB : .050 SM BLOCK CONNECTORS

C050SB420R : CON .050 SM BLOCK .420 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



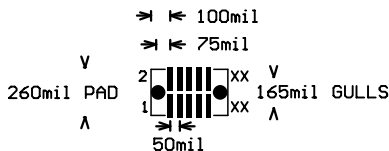
PADSTACK : .029 X .070

C050SB42_R : CON .050 SM BLOCK .420 WIDE INV RTANG
 : INVERSE () ODD-EVEN PINOUT



PADSTACK : .029 X .070

C050SB165V : CON .050 SM BLOCK .165 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



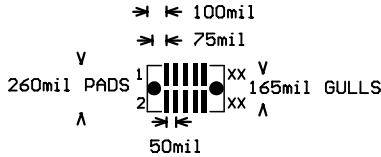
PADSTACK : .029 X .120

MOUNT : .053 HOLE / .074 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SB LIBRARY | |
| CON050SB.LIB | | CON050SB-1 |

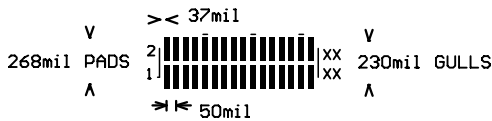
CON050SB : .050 SM BLOCK CONNECTORS

C050SB16_V : CON .050 SM BLOCK .165 GULLS INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT



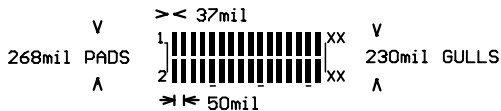
PADSTACK : .029 X .120
 MOUNT : .053 HOLE / .074 PAD

C050SB230V : CON .050 SM BLOCK .230 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .029 X .124

C050SB23_V : CON .050 SM BLOCK .230 GULLS INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .029 X .124

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SB LIBRARY | |
| CON050SB.LIB | | CON050SB-2 |

CON050SB : .050 SM BLOCK CONNECTORS

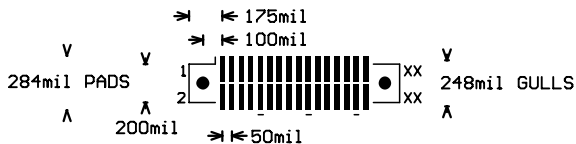
C050SB248V : CON .050 SM BLOCK .248 GULLS VERT
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .029 X .134

MOUNT : .042 HOLE / .065 PAD

C050SB24_V : CON .050 SM BLOCK .248 GULLS INV VERTICAL
 : INVERSE (<_>) ODD-EVEN PINOUT



PADSTACK : .029 X .134

MOUNT : .042 HOLE / .065 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SB LIBRARY | |
| CON050SB.LIB | | CON050SB-3 |

| | | |
|--------|---|--|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| S | = | Surface mount |
| L | = | Latching style |
| Number | = | Gull wings or right angle body width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical .230 Gulls
OE Pinout**

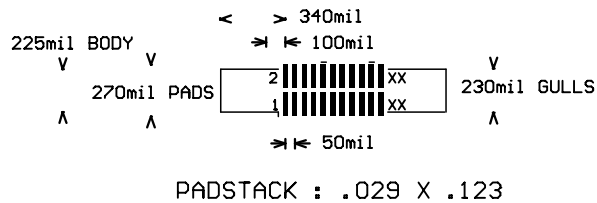
C050SL230V : HELP
 C050SL230V00
 C050SL230V10
 C050SL230V12
 C050SL230V14
 C050SL230V16
 C050SL230V18
 C050SL230V20
 C050SL230V22
 C050SL230V24
 C050SL230V26
 C050SL230V28
 C050SL230V30
 C050SL230V32
 C050SL230V34
 C050SL230V36
 C050SL230V38
 C050SL230V40
 C050SL230V42
 C050SL230V44
 C050SL230V46
 C050SL230V48
 C050SL230V50
 C050SL230V60
 C050SL230V70
 C050SL230V80
 C050SL230V90

**Vertical .230 Gulls
Inv () OE Pinout**

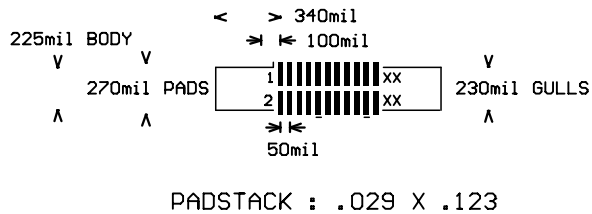
C050SL23_V : HELP
 C050SL23_V00
 C050SL23_V10
 C050SL23_V12
 C050SL23_V14
 C050SL23_V16
 C050SL23_V18
 C050SL23_V20
 C050SL23_V22
 C050SL23_V24
 C050SL23_V26
 C050SL23_V28
 C050SL23_V30
 C050SL23_V32
 C050SL23_V34
 C050SL23_V36
 C050SL23_V38
 C050SL23_V40
 C050SL23_V42
 C050SL23_V44
 C050SL23_V46
 C050SL23_V48
 C050SL23_V50
 C050SL23_V60
 C050SL23_V70
 C050SL23_V80
 C050SL23_V90

CON050SL : .050 SM LATCHING CONNECTOR

C050SL230V : CON .050 SM LATCH .230 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



C050SL23_V : CON .050 SM LATCH .230 GULLS INV VERTICAL
 : INVERSE (<_>) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SL LIBRARY | |
| CON050SL.LIB | | CON050SL-1 |

| | | |
|--------|---|--|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| S | = | Surface mount |
| W | = | Walled / shrouded style |
| Number | = | Gull wings or right angle body width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical .165 Gulls
OE Pinout**

C050SW165V : HELP
 C050SW165V00
 C050SW165V10
 C050SW165V20
 C050SW165V30
 C050SW165V40
 C050SW165V50
 C050SW165V60
 C050SW165V70
 C050SW165V80
 C050SW165V90

**Vertical .165 Gulls
Inv () OE Pinout**

C050SW16_V : HELP
 C050SW16_V00
 C050SW16_V10
 C050SW16_V20
 C050SW16_V30
 C050SW16_V40
 C050SW16_V50
 C050SW16_V60
 C050SW16_V70
 C050SW16_V80
 C050SW16_V90

**Vertical .170 Gulls
OE Pinout**

C050SW170V : HELP
 C050SW170V00
 C050SW170V10
 C050SW170V20
 C050SW170V30
 C050SW170V40
 C050SW170V50
 C050SW170V60
 C050SW170V70
 C050SW170V80
 C050SW170V90

**Vertical .170 Gulls
Inv () OE Pinout**

C050SW17_V : HELP
 C050SW17_V00
 C050SW17_V10
 C050SW17_V20
 C050SW17_V30
 C050SW17_V40
 C050SW17_V50
 C050SW17_V60
 C050SW17_V70
 C050SW17_V80
 C050SW17_V90

**Vertical .229 Gulls
OE Pinout**

C050SW229V : HELP
 C050SW229V00
 C050SW229V10
 C050SW229V12
 C050SW229V14
 C050SW229V16
 C050SW229V18
 C050SW229V20
 C050SW229V22
 C050SW229V24
 C050SW229V26
 C050SW229V28
 C050SW229V30
 C050SW229V32
 C050SW229V34
 C050SW229V36
 C050SW229V38
 C050SW229V40
 C050SW229V42
 C050SW229V44
 C050SW229V46
 C050SW229V48
 C050SW229V50
 C050SW229V60
 C050SW229V70
 C050SW229V80
 C050SW229V90

**Vertical .229 Gulls
Inv () OE Pinout**

C050SW22_V : HELP
 C050SW22_V00
 C050SW22_V10
 C050SW22_V12
 C050SW22_V14
 C050SW22_V16
 C050SW22_V18
 C050SW22_V20
 C050SW22_V22
 C050SW22_V24
 C050SW22_V26
 C050SW22_V28
 C050SW22_V30
 C050SW22_V32
 C050SW22_V34
 C050SW22_V36
 C050SW22_V38
 C050SW22_V40
 C050SW22_V42
 C050SW22_V44
 C050SW22_V46
 C050SW22_V48
 C050SW22_V50
 C050SW22_V60
 C050SW22_V70
 C050SW22_V80
 C050SW22_V90

**Vertical .230 Gulls
OE Pinout**

C050SW230V : HELP
C050SW230V00
C050SW230V10
C050SW230V12
C050SW230V14
C050SW230V16
C050SW230V18
C050SW230V20
C050SW230V22
C050SW230V24
C050SW230V26
C050SW230V28
C050SW230V30
C050SW230V32
C050SW230V34
C050SW230V36
C050SW230V38
C050SW230V40
C050SW230V42
C050SW230V44
C050SW230V46
C050SW230V48
C050SW230V50
C050SW230V60
C050SW230V70
C050SW230V80
C050SW230V90

**Vertical .230 Gulls
Inv () OE Pinout**

C050SW23_V : HELP
C050SW23_V00
C050SW23_V10
C050SW23_V12
C050SW23_V14
C050SW23_V16
C050SW23_V18
C050SW23_V20
C050SW23_V22
C050SW23_V24
C050SW23_V26
C050SW23_V28
C050SW23_V30
C050SW23_V32
C050SW23_V34
C050SW23_V36
C050SW23_V38
C050SW23_V40
C050SW23_V42
C050SW23_V44
C050SW23_V46
C050SW23_V48
C050SW23_V50
C050SW23_V60
C050SW23_V70
C050SW23_V80
C050SW23_V90

**Vertical .346 Gulls
OE Pinout**

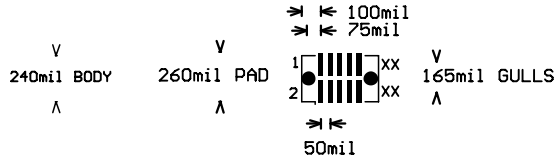
C050SW346V : HELP
C050SW346V00
C050SW346V10
C050SW346V12
C050SW346V14
C050SW346V16
C050SW346V18
C050SW346V20
C050SW346V22
C050SW346V24
C050SW346V26
C050SW346V28
C050SW346V30
C050SW346V32
C050SW346V34
C050SW346V36
C050SW346V38
C050SW346V40
C050SW346V50
C050SW346V60
C050SW346V80

**Vertical .346 Gulls
Inv () OE Pinout**

C050SW34_V : HELP
C050SW34_V00
C050SW34_V10
C050SW34_V12
C050SW34_V14
C050SW34_V16
C050SW34_V18
C050SW34_V20
C050SW34_V22
C050SW34_V24
C050SW34_V26
C050SW34_V28
C050SW34_V30
C050SW34_V32
C050SW34_V34
C050SW34_V36
C050SW34_V38
C050SW34_V40
C050SW34_V50
C050SW34_V60
C050SW34_V80

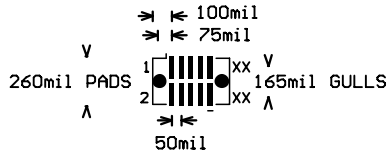
CON050SW : .050 SM WALLED CONNECTORS

C050SW165V : CON .050 SM WALLED .165 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



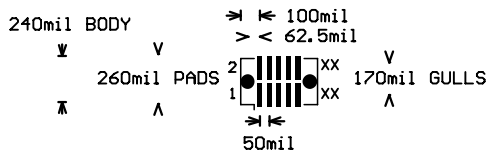
PADSTACK : .029 X .120
 MOUNT : .053 HOLE / .074 PAD

C050SW16_V : CON .050 SM WALLED .165 GULLS INV VERTICAL
 : INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .029 X .120
 MOUNT : .053 HOLE / .074 PAD

C050SW170V : CON .050 SM WALLED .170 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT

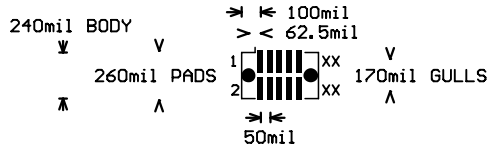


PADSTACK : .029 X .120
 MOUNT : .053 HOLE / .074 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SW LIBRARY | |
| CON050SW.LIB | | CON050SW-1 |

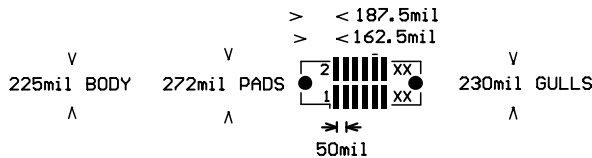
CON050SW : .050 SM WALLED CONNECTORS

C050SW17_U : CON .050 SM WALLED .170 GULLS INV VERT
 : INVERSE (<_) ODD-EVEN PINOUT



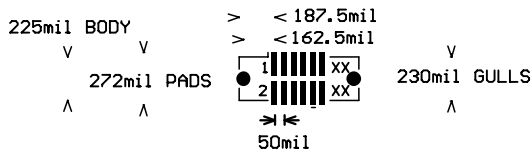
PADSTACK : .029 X .120
 MOUNT : .053 HOLE / .074 PAD

C050SW229V : CON .050 SM WALLED .229 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .029 X .124
 MOUNT : .053 HOLE / .074 PAD

C050SW22_U : CON .050 SM WALLED .229 GULLS INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT

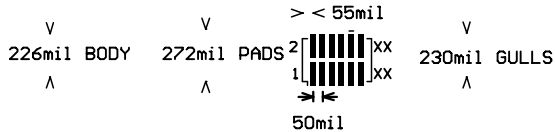


PADSTACK : .029 X .124
 MOUNT : .053 HOLE / .074 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SW LIBRARY | |
| CON050SW.LIB | | CON050SW-2 |

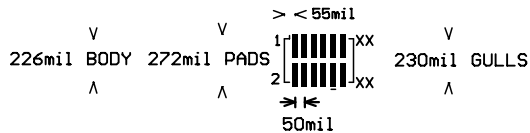
CON050SW : .050 SM WALLED CONNECTORS

C050SW230V : CON .050 SM WALLED .230 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



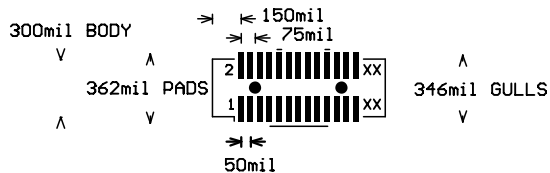
PADSTACK : .029 X .124

C050SW23_V : CON .050 SM WALLED .230 GULLS INV VERTICAL
 : INVERSE () ODD-EVEN PINOUT



PADSTACK : .029 X .124

C050SW346V : CON .050 SM WALLED .346 GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



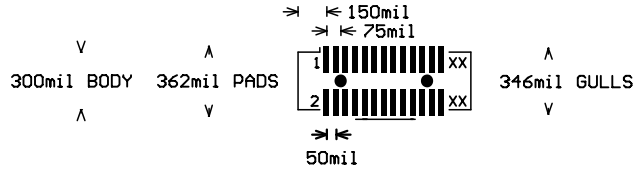
PADSTACK : .029 X .138

MOUNT : .057 HOLE / .067 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SW LIBRARY | |
| CON050SW.LIB | | CON050SW-3 |

CON050SW : .050 SM WALLED CONNECTORS

C050SW34_V : CON .050 SM WALLED .346 GULLS INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .029 X .138
 MOUNT : .057 HOLE / .067 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050SW LIBRARY | |
| CON050SW.LIB | | CON050SW-4 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| T | = | Thru-hole mount |
| B | = | Block style |
| Number | = | Body width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .235 Wide
Single-in-line**

C050TB235R : HELP
 C050TB235R1
 C050TB235R2
 C050TB235R3
 C050TB235R4
 C050TB235R5
 C050TB235R6
 C050TB235R7
 C050TB235R8
 C050TB235R9
 C050TB235R10
 C050TB235R11
 C050TB235R12
 C050TB235R13
 C050TB235R14
 C050TB235R15
 C050TB235R16
 C050TB235R17
 C050TB235R18
 C050TB235R19
 C050TB235R20
 C050TB235R21
 C050TB235R22
 C050TB235R23
 C050TB235R24
 C050TB235R25
 C050TB235R26
 C050TB235R27
 C050TB235R28
 C050TB235R29
 C050TB235R30
 C050TB235R31
 C050TB235R32
 C050TB235R33
 C050TB235R34
 C050TB235R35

C050TB235R36
 C050TB235R40
 C050TB235R45
 C050TB235R50

**Rt. Angle .320 Wide
OE Pinout**

C050TB320R : HELP
 C050TB320R00
 C050TB320R2
 C050TB320R4
 C050TB320R6
 C050TB320R8
 C050TB320R10
 C050TB320R12
 C050TB320R14
 C050TB320R16
 C050TB320R18
 C050TB320R20
 C050TB320R22
 C050TB320R24
 C050TB320R26
 C050TB320R28
 C050TB320R30
 C050TB320R32
 C050TB320R34
 C050TB320R36
 C050TB320R38
 C050TB320R40
 C050TB320R42
 C050TB320R44
 C050TB320R46
 C050TB320R48
 C050TB320R50
 C050TB320R60
 C050TB320R70
 C050TB320R80
 C050TB320R90

**Rt. Angle .320 Wide
Inv () OE Pinout**

C050TB32_R : HELP
 C050TB32_R00
 C050TB32_R2
 C050TB32_R4
 C050TB32_R6
 C050TB32_R8
 C050TB32_R10
 C050TB32_R12
 C050TB32_R14
 C050TB32_R16
 C050TB32_R18
 C050TB32_R20
 C050TB32_R22
 C050TB32_R24
 C050TB32_R26
 C050TB32_R28
 C050TB32_R30
 C050TB32_R32
 C050TB32_R34
 C050TB32_R36
 C050TB32_R38
 C050TB32_R40
 C050TB32_R42
 C050TB32_R44
 C050TB32_R46
 C050TB32_R48
 C050TB32_R50
 C050TB32_R60
 C050TB32_R70
 C050TB32_R80
 C050TB32_R90

**Rt. Angle .335 Wide
OE Pinout**

C050TB335R : HELP
 C050TB335R00
 C050TB335R2
 C050TB335R4
 C050TB335R6
 C050TB335R8
 C050TB335R10
 C050TB335R12
 C050TB335R14
 C050TB335R16
 C050TB335R18
 C050TB335R20
 C050TB335R22
 C050TB335R24
 C050TB335R26
 C050TB335R28
 C050TB335R30
 C050TB335R32
 C050TB335R34
 C050TB335R36
 C050TB335R38
 C050TB335R40
 C050TB335R42
 C050TB335R44
 C050TB335R46
 C050TB335R48
 C050TB335R50
 C050TB335R60
 C050TB335R70
 C050TB335R80
 C050TB335R90

**Rt. Angle .335 Wide
Inv () OE Pinout**

C050TB33_R : HELP
C050TB33_R00
C050TB33_R2
C050TB33_R4
C050TB33_R6
C050TB33_R8
C050TB33_R10
C050TB33_R12
C050TB33_R14
C050TB33_R16
C050TB33_R18
C050TB33_R20
C050TB33_R22
C050TB33_R24
C050TB33_R26
C050TB33_R28
C050TB33_R30
C050TB33_R32
C050TB33_R34
C050TB33_R36
C050TB33_R38
C050TB33_R40
C050TB33_R42
C050TB33_R44
C050TB33_R46
C050TB33_R48
C050TB33_R50
C050TB33_R60
C050TB33_R70
C050TB33_R80
C050TB33_R90

**Rt. Angle .360 Wide
OE Pinout**

C050TB360R : HELP
C050TB360R00
C050TB360R2
C050TB360R4
C050TB360R6
C050TB360R8
C050TB360R10
C050TB360R12
C050TB360R14
C050TB360R16
C050TB360R18
C050TB360R20
C050TB360R22
C050TB360R24
C050TB360R26
C050TB360R28
C050TB360R30
C050TB360R32
C050TB360R34
C050TB360R36
C050TB360R38
C050TB360R40
C050TB360R42
C050TB360R44
C050TB360R46
C050TB360R48
C050TB360R50
C050TB360R60
C050TB360R70
C050TB360R80
C050TB360R90

**Rt. Angle .360 Wide
Inv () OE Pinout**

C050TB36_R : HELP
C050TB36_R00
C050TB36_R2
C050TB36_R4
C050TB36_R6
C050TB36_R8
C050TB36_R10
C050TB36_R12
C050TB36_R14
C050TB36_R16
C050TB36_R18
C050TB36_R20
C050TB36_R22
C050TB36_R24
C050TB36_R26
C050TB36_R28
C050TB36_R30
C050TB36_R32
C050TB36_R34
C050TB36_R36
C050TB36_R38
C050TB36_R40
C050TB36_R42
C050TB36_R44
C050TB36_R46
C050TB36_R48
C050TB36_R50
C050TB36_R60
C050TB36_R70
C050TB36_R80
C050TB36_R90

**Vertical .100 Wide
Single-in-line**

C050TB100V : HELP
C050TB100V1
C050TB100V2
C050TB100V3
C050TB100V4
C050TB100V5
C050TB100V6
C050TB100V7
C050TB100V8
C050TB100V9
C050TB100V10
C050TB100V11
C050TB100V12
C050TB100V13
C050TB100V14
C050TB100V15
C050TB100V16
C050TB100V17
C050TB100V18
C050TB100V19
C050TB100V20
C050TB100V21
C050TB100V22
C050TB100V23
C050TB100V24
C050TB100V25
C050TB100V26
C050TB100V27
C050TB100V28
C050TB100V29
C050TB100V30
C050TB100V31
C050TB100V32
C050TB100V33
C050TB100V34
C050TB100V35
C050TB100V36
C050TB100V40
C050TB100V50

**Vertical .140 Wide
OE Pinout**

C050TB140V : HELP
C050TB140V00
C050TB140V2
C050TB140V4
C050TB140V6
C050TB140V8
C050TB140V10
C050TB140V12
C050TB140V14
C050TB140V16
C050TB140V18
C050TB140V20
C050TB140V22
C050TB140V24
C050TB140V26
C050TB140V28
C050TB140V30
C050TB140V32
C050TB140V34
C050TB140V36
C050TB140V38
C050TB140V40
C050TB140V42
C050TB140V44
C050TB140V46
C050TB140V48
C050TB140V50
C050TB140V60
C050TB140V70
C050TB140V80
C050TB140V90

**Vertical .140 Wide
Inv () OE Pinout**

C050TB14_V : HELP
C050TB14_V00
C050TB14_V2
C050TB14_V4
C050TB14_V6
C050TB14_V8
C050TB14_V10
C050TB14_V12
C050TB14_V14
C050TB14_V16
C050TB14_V18
C050TB14_V20
C050TB14_V22
C050TB14_V24
C050TB14_V26
C050TB14_V28
C050TB14_V30
C050TB14_V32
C050TB14_V34
C050TB14_V36
C050TB14_V38
C050TB14_V40
C050TB14_V42
C050TB14_V44
C050TB14_V46
C050TB14_V48
C050TB14_V50
C050TB14_V60
C050TB14_V70
C050TB14_V80
C050TB14_V90

**Vertical .200 Wide
OE Pinout**

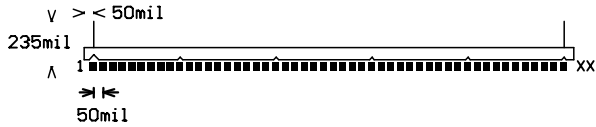
C050TB200V : HELP
C050TB200V00
C050TB200V2
C050TB200V4
C050TB200V6
C050TB200V8
C050TB200V10
C050TB200V12
C050TB200V14
C050TB200V16
C050TB200V18
C050TB200V20
C050TB200V22
C050TB200V24
C050TB200V26
C050TB200V28
C050TB200V30
C050TB200V32
C050TB200V34
C050TB200V36
C050TB200V38
C050TB200V40
C050TB200V42
C050TB200V44
C050TB200V46
C050TB200V48
C050TB200V50
C050TB200V60
C050TB200V70
C050TB200V80
C050TB200V90

**Vertical .200 Wide
Inv () OE Pinout**

C050TB20_V : HELP
C050TB20_V00
C050TB20_V2
C050TB20_V4
C050TB20_V6
C050TB20_V8
C050TB20_V10
C050TB20_V12
C050TB20_V14
C050TB20_V16
C050TB20_V18
C050TB20_V20
C050TB20_V22
C050TB20_V24
C050TB20_V26
C050TB20_V28
C050TB20_V30
C050TB20_V32
C050TB20_V34
C050TB20_V36
C050TB20_V38
C050TB20_V40
C050TB20_V42
C050TB20_V44
C050TB20_V46
C050TB20_V48
C050TB20_V50
C050TB20_V60
C050TB20_V70
C050TB20_V80
C050TB20_V90

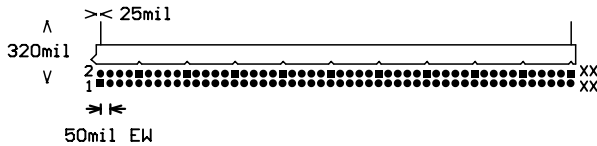
CON050TB : .050 TM BLOCK CONNECTORS

C050TB235R : CON .050 TM BLOCK .235 WIDE RTANG
 : SEQUENTIAL PINOUT



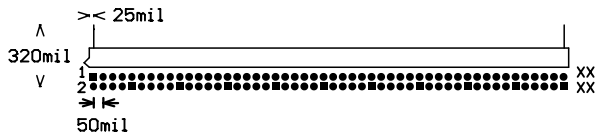
PADSTACK : .028 HOLE / .036 X .046 PAD

C050TB320R : CON .050 TM BLOCK .320 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB32_R : CON .050 TM BLOCK .320 WIDE INV RTANG
 : INVERSE () ODD-EVEN PINOUT

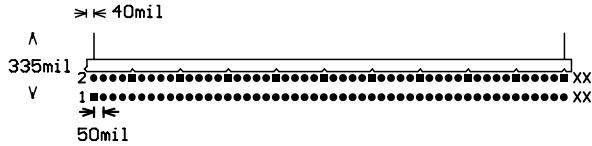


PADSTACK : .028 HOLE / .042 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TB LIBRARY | |
| CON050TB.LIB | | CON050TB-1 |

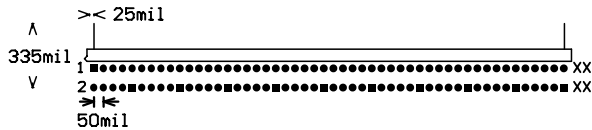
CON050TB : .050 TM BLOCK CONNECTORS

C050TB335R : CON .050 TM BLOCK .335 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



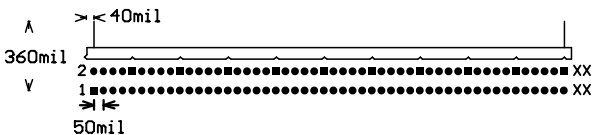
PADSTACK : .028 HOLE / .042 PAD

C050TB33_R : CON .050 TM BLOCK .335 WIDE INV RTANG
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB360R : CON .050 TM BLOCK .360 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT

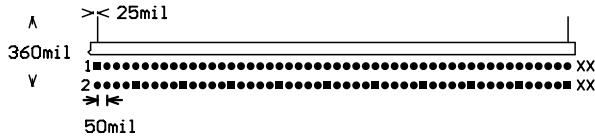


PADSTACK : .028 HOLE / .042 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TB LIBRARY | |
| CON050TB.LIB | | CON050TB-2 |

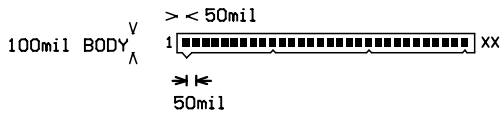
CON050TB : .050 TM BLOCK CONNECTORS

C050TB36_R : CON .050 TM BLOCK .360 WIDE INV RTANG
 : INVERSE (_) ODD-EVEN PINOUT



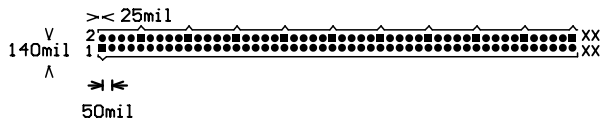
PADSTACK : .028 HOLE / .042 PAD

C050TB100V : CON .050 TM BLOCK .100 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB140V : CON .050 TM BLOCK .140 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT

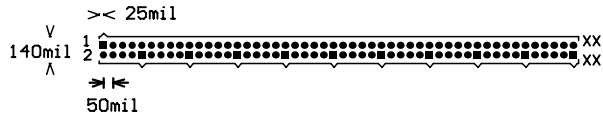


PADSTACK : .028 HOLE / .042 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TB LIBRARY | |
| CON050TB.LIB | | CON050TB-3 |

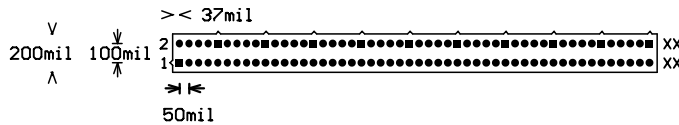
CON050TB : .050 TM BLOCK CONNECTORS

C050TB14_V : CON .050 TM BLOCK .140 WIDE INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT



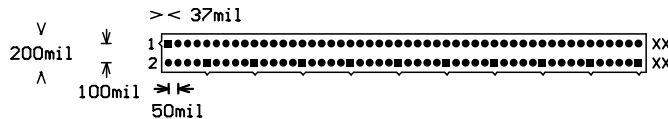
PADSTACK : .028 HOLE / .042 PAD

C050TB200V : CON .050 TM BLOCK .200 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TB20_V : CON .050 TM BLOCK .200 WIDE INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TB LIBRARY | |
| CON050TB.LIB | | CON050TB-4 |

| | | |
|----------|---|--------------------------------|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| T | = | Thru-hole socket |
| D | = | D-Shell style |
| /RS, /VS | = | Right angle or Vertical Socket |
| Number | = | Pin count |
| A | = | Variant |

**Rt. Angle Socket
Standard Form**

**Rt. Angle Socket
Alternate Form**

**Vertical Socket
Standard Form**

**Vertical Socket
Alternate Form**

C050TD/RS : HELP
C050TD/RS00
C050TD/RS20
C050TD/RS26
C050TD/RS28
C050TD/RS40
C050TD/RS50
C050TD/RS60
C050TD/RS68
C050TD/RS80

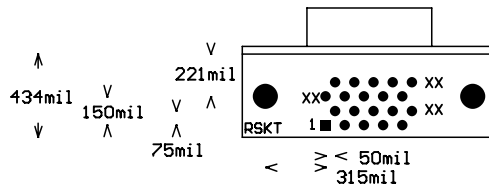
C050TD/RSA : HELP
C050TD/RSA00
C050TD/RSA20
C050TD/RSA26
C050TD/RSA28
C050TD/RSA40
C050TD/RSA50
C050TD/RSA60
C050TD/RSA68
C050TD/RSA80

C050TD/VS : HELP
C050TD/VS00
C050TD/VS20
C050TD/VS26
C050TD/VS28
C050TD/VS40
C050TD/VS50
C050TD/VS60
C050TD/VS68
C050TD/VS80

C050TD/VSA : HELP
C050TD/VSA00
C050TD/VSA20
C050TD/VSA26
C050TD/VSA28
C050TD/VSA40
C050TD/VSA50
C050TD/VSA60
C050TD/VSA68
C050TD/VSA80

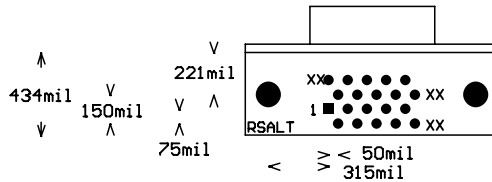
CON050TD : .050 TM D-SHELL CONNECTORS

C050TDRS : CON .050 TM D-SHELL RTANG SOCKET
 : STANDARD SEQUENTIAL PINOUT



PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .109 HOLE / .130 PAD

C050TDRSA : CON .050 TM D-SHELL RTANG SOCKET ALT
 : ALTERNATE SEQUENTIAL PINOUT

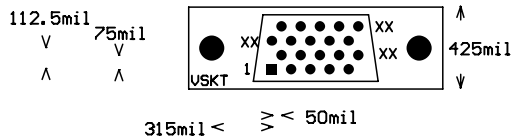


PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .109 HOLE / .130 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TD LIBRARY | |
| CON050TD.LIB | | CON050TD-1 |

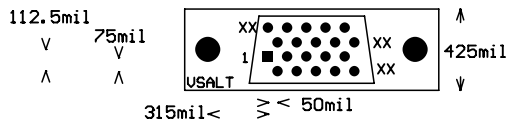
CON050TD : .050 TM D-SHELL CONNECTORS

C050TDVS : CON .050 TM D-SHELL VERTICAL SOCKET
 : STANDARD SEQUENTIAL PINOUT



PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .109 HOLE / .130 PAD

C050TDVSA : CON .050 TM D-SHELL VERTICAL SOCKET ALT
 : ALTERNATE SEQUENTIAL PINOUT



PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .109 HOLE / .130 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TD LIBRARY | |
| CON050TD.LIB | | CON050TD-2 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| T | = | Thru-hole mount |
| L | = | Latching style |
| Number | = | Body width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical .225
OE Pinout**

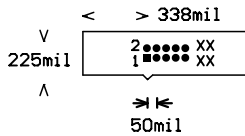
C050TL225V : HELP
 C050TL225V00
 C050TL225V10
 C050TL225V12
 C050TL225V14
 C050TL225V16
 C050TL225V18
 C050TL225V20
 C050TL225V22
 C050TL225V24
 C050TL225V26
 C050TL225V28
 C050TL225V30
 C050TL225V32
 C050TL225V34
 C050TL225V36
 C050TL225V38
 C050TL225V40
 C050TL225V42
 C050TL225V44
 C050TL225V46
 C050TL225V48
 C050TL225V50
 C050TL225V60
 C050TL225V70
 C050TL225V80
 C050TL225V90

**Vertical .225
Inv () OE Pinout**

C050TL22_V : HELP
 C050TL22_V00
 C050TL22_V10
 C050TL22_V12
 C050TL22_V14
 C050TL22_V16
 C050TL22_V18
 C050TL22_V20
 C050TL22_V22
 C050TL22_V24
 C050TL22_V26
 C050TL22_V28
 C050TL22_V30
 C050TL22_V32
 C050TL22_V34
 C050TL22_V36
 C050TL22_V38
 C050TL22_V40
 C050TL22_V42
 C050TL22_V44
 C050TL22_V46
 C050TL22_V48
 C050TL22_V50
 C050TL22_V60
 C050TL22_V70
 C050TL22_V80
 C050TL22_V90

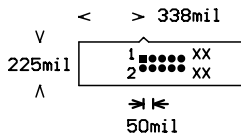
CON050TL : .050 TM LATCH CONNECTORS

C050TL225V : CON .050 TM LATCHING .225 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

C050TL22-V : CON .050 TM LATCHING .225 WIDE INV VERTICAL
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .028 HOLE / .042 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TL LIBRARY | |
| CON050TL.LIB | | CON050TL-1 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| 050 | = | 50 mil Pitch |
| T | = | Thru-hole mount |
| W | = | Walled / shrouded style |
| Number | = | Body width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .408 Wide
Single-in-line**

C050TW408R : HELP
 C050TW408R4
 C050TW408R5
 C050TW408R6
 C050TW408R7
 C050TW408R8
 C050TW408R9
 C050TW408R10
 C050TW408R11
 C050TW408R12
 C050TW408R13
 C050TW408R14
 C050TW408R15
 C050TW408R16
 C050TW408R17
 C050TW408R18
 C050TW408R19
 C050TW408R20
 C050TW408R21
 C050TW408R22
 C050TW408R23
 C050TW408R24
 C050TW408R25
 C050TW408R26
 C050TW408R27
 C050TW408R28
 C050TW408R29
 C050TW408R30
 C050TW408R31
 C050TW408R32
 C050TW408R33
 C050TW408R34
 C050TW408R35
 C050TW408R36
 C050TW408R40
 C050TW408R45
 C050TW408R50

**Rt. Angle .508 Wide
OE Pinout**

C050TW508R : HELP
 C050TW508R00
 C050TW508R4
 C050TW508R6
 C050TW508R8
 C050TW508R10
 C050TW508R12
 C050TW508R14
 C050TW508R16
 C050TW508R18
 C050TW508R20
 C050TW508R22
 C050TW508R24
 C050TW508R26
 C050TW508R28
 C050TW508R30
 C050TW508R32
 C050TW508R34
 C050TW508R36
 C050TW508R38
 C050TW508R40
 C050TW508R42
 C050TW508R44
 C050TW508R46
 C050TW508R48
 C050TW508R50
 C050TW508R60
 C050TW508R68
 C050TW508R70
 C050TW508R72
 C050TW508R80
 C050TW508R90

**Rt. Angle .508 Wide
Inv (L) OE Pinout**

C050TW50_R : HELP
 C050TW50_R00
 C050TW50_R4
 C050TW50_R6
 C050TW50_R8
 C050TW50_R10
 C050TW50_R12
 C050TW50_R14
 C050TW50_R16
 C050TW50_R18
 C050TW50_R20
 C050TW50_R22
 C050TW50_R24
 C050TW50_R26
 C050TW50_R28
 C050TW50_R30
 C050TW50_R32
 C050TW50_R34
 C050TW50_R36
 C050TW50_R38
 C050TW50_R40
 C050TW50_R42
 C050TW50_R44
 C050TW50_R46
 C050TW50_R48
 C050TW50_R50
 C050TW50_R60
 C050TW50_R68
 C050TW50_R70
 C050TW50_R72
 C050TW50_R80
 C050TW50_R90

**Vertical .200 Wide
Single-in-line**

C050TW200V : HELP
 C050TW200V4
 C050TW200V5
 C050TW200V6
 C050TW200V7
 C050TW200V8
 C050TW200V9
 C050TW200V10
 C050TW200V11
 C050TW200V12
 C050TW200V13
 C050TW200V14
 C050TW200V15
 C050TW200V16
 C050TW200V17
 C050TW200V18
 C050TW200V19
 C050TW200V20
 C050TW200V21
 C050TW200V22
 C050TW200V23
 C050TW200V24
 C050TW200V25
 C050TW200V26
 C050TW200V27
 C050TW200V28
 C050TW200V29
 C050TW200V30
 C050TW200V31
 C050TW200V32
 C050TW200V33
 C050TW200V34
 C050TW200V35
 C050TW200V36
 C050TW200V40
 C050TW200V45
 C050TW200V50

**Vertical .225 Wide
OE Pinout**

C050TW225V : HELP
C050TW225V00
C050TW225V10
C050TW225V12
C050TW225V14
C050TW225V16
C050TW225V18
C050TW225V20
C050TW225V22
C050TW225V24
C050TW225V26
C050TW225V28
C050TW225V30
C050TW225V32
C050TW225V34
C050TW225V36
C050TW225V38
C050TW225V40
C050TW225V42
C050TW225V44
C050TW225V46
C050TW225V48
C050TW225V50
C050TW225V60
C050TW225V70
C050TW225V80
C050TW225V90

**Vertical .225 Wide
Inv () OE Pinout**

C050TW22_V : HELP
C050TW22_V00
C050TW22_V10
C050TW22_V12
C050TW22_V14
C050TW22_V16
C050TW22_V18
C050TW22_V20
C050TW22_V22
C050TW22_V24
C050TW22_V26
C050TW22_V28
C050TW22_V30
C050TW22_V32
C050TW22_V34
C050TW22_V36
C050TW22_V38
C050TW22_V40
C050TW22_V42
C050TW22_V44
C050TW22_V46
C050TW22_V48
C050TW22_V50
C050TW22_V60
C050TW22_V70
C050TW22_V80
C050TW22_V90

**Vertical .300 Wide
OE Pinout**

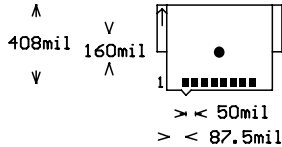
C050TW300V : HELP
C050TW300V00
C050TW300V4
C050TW300V6
C050TW300V8
C050TW300V10
C050TW300V12
C050TW300V14
C050TW300V16
C050TW300V18
C050TW300V20
C050TW300V22
C050TW300V24
C050TW300V26
C050TW300V28
C050TW300V30
C050TW300V32
C050TW300V34
C050TW300V36
C050TW300V38
C050TW300V40
C050TW300V42
C050TW300V44
C050TW300V46
C050TW300V48
C050TW300V50
C050TW300V60
C050TW300V68
C050TW300V70
C050TW300V72
C050TW300V80
C050TW300V90

**Vertical .300 Wide
Inv () OE Pinout**

C050TW30_V : HELP
C050TW30_V00
C050TW30_V4
C050TW30_V6
C050TW30_V8
C050TW30_V10
C050TW30_V12
C050TW30_V14
C050TW30_V16
C050TW30_V18
C050TW30_V20
C050TW30_V22
C050TW30_V24
C050TW30_V26
C050TW30_V28
C050TW30_V30
C050TW30_V32
C050TW30_V34
C050TW30_V36
C050TW30_V38
C050TW30_V40
C050TW30_V42
C050TW30_V44
C050TW30_V46
C050TW30_V48
C050TW30_V50
C050TW30_V60
C050TW30_V68
C050TW30_V70
C050TW30_V72
C050TW30_V80
C050TW30_V90

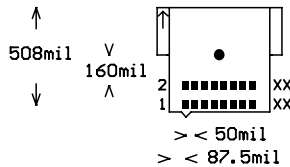
CON050TW : .050 TM WALLED CONNECTORS

C050TW408R : CON .050 TM WALLED .408 WIDE RTANG
 : STANDARD SEQUENTIAL PINOUT



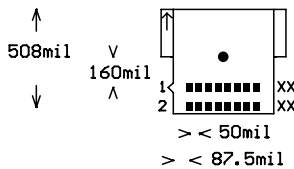
PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW508R : CON .050 TM WALLED .508 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW50_R : CON .050 TM WALLED .508 WIDE RTANG INV
 : INVERSE (<_) ODD-EVEN PINOUT

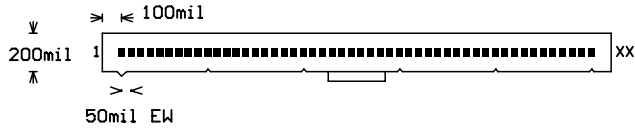


PADSTACK : .022 HOLE / .036 X .046 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TW LIBRARY | |
| CON050TW.LIB | | CON050TW-1 |

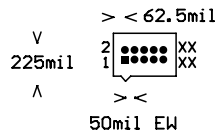
CON050TW : .050 TM WALLED CONNECTORS

C050TW200V : CON .050 TM WALLED .225 WIDE VERTICAL
: SEQUENTIAL PINOUT



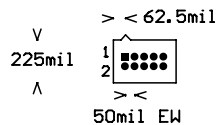
PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW225V : CON .050 TM WALLED .225 WIDE VERTICAL
: STANDARD PINOUT



PADSTACK : .026 HOLE / .042 PAD

C050TW22_V : CON .050 TM WALLED .225 WIDE VERTICAL INV
: INVERSE () ODD-EVEN PINOUT

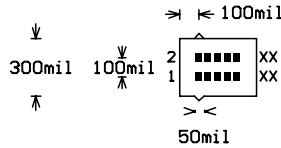


PADSTACK : .026 HOLE / .042 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TW LIBRARY | |
| CON050TW.LIB | | CON050TW-2 |

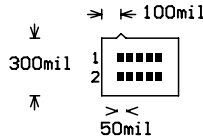
CON050TW : .050 TM WALLED CONNECTORS

C050TW300V : CON .050 TM WALLED .300 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .022 HOLE / .036 X .046 PAD

C050TW30_V : CON .050 TM WALLED .300 WIDE VERTICAL INV
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .022 HOLE / .036 X .046 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON050TW LIBRARY | |
| CON050TW.LIB | | CON050TW-3 |

| | | |
|--------|---|---|
| C | = | Connector |
| 100 | = | 100 mil Pitch |
| S | = | Surface mount |
| B | = | Block style |
| Number | = | Gull wings or right angle width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .516 Wide
Single-in-line**

C100SB516R : HELP
 C100SB516R2
 C100SB516R3
 C100SB516R4
 C100SB516R5
 C100SB516R6
 C100SB516R7
 C100SB516R8
 C100SB516R9
 C100SB516R10
 C100SB516R11
 C100SB516R12
 C100SB516R13
 C100SB516R14
 C100SB516R15
 C100SB516R16
 C100SB516R17
 C100SB516R18
 C100SB516R19
 C100SB516R20
 C100SB516R21
 C100SB516R22
 C100SB516R23
 C100SB516R24
 C100SB516R25
 C100SB516R26
 C100SB516R27
 C100SB516R28
 C100SB516R29
 C100SB516R30
 C100SB516R31
 C100SB516R32
 C100SB516R33
 C100SB516R34
 C100SB516R35
 C100SB516R36

**Rt. Angle .630 Wide
OE Pinout**

C100SB630R : HELP
 C100SB630R4
 C100SB630R6
 C100SB630R8
 C100SB630R10
 C100SB630R12
 C100SB630R14
 C100SB630R16
 C100SB630R18
 C100SB630R20
 C100SB630R22
 C100SB630R24
 C100SB630R26
 C100SB630R28
 C100SB630R30
 C100SB630R32
 C100SB630R34
 C100SB630R36
 C100SB630R38
 C100SB630R40
 C100SB630R42
 C100SB630R44
 C100SB630R46
 C100SB630R48
 C100SB630R50
 C100SB630R52
 C100SB630R54
 C100SB630R56
 C100SB630R58
 C100SB630R60
 C100SB630R62
 C100SB630R64
 C100SB630R66
 C100SB630R68
 C100SB630R70
 C100SB630R72

**Rt. Angle .630 Wide
Inv () OE Pinout**

C100SB63_R : HELP
 C100SB63_R4
 C100SB63_R6
 C100SB63_R8
 C100SB63_R10
 C100SB63_R12
 C100SB63_R14
 C100SB63_R16
 C100SB63_R18
 C100SB63_R20
 C100SB63_R22
 C100SB63_R24
 C100SB63_R26
 C100SB63_R28
 C100SB63_R30
 C100SB63_R32
 C100SB63_R34
 C100SB63_R36
 C100SB63_R38
 C100SB63_R40
 C100SB63_R42
 C100SB63_R44
 C100SB63_R46
 C100SB63_R48
 C100SB63_R50
 C100SB63_R52
 C100SB63_R54
 C100SB63_R56
 C100SB63_R58
 C100SB63_R60
 C100SB63_R62
 C100SB63_R64
 C100SB63_R66
 C100SB63_R68
 C100SB63_R70
 C100SB63_R72

**Vertical .190 Gulls
Single-in-line**

C100SB190V : HELP
 C100SB190V2
 C100SB190V3
 C100SB190V4
 C100SB190V5
 C100SB190V6
 C100SB190V7
 C100SB190V8
 C100SB190V9
 C100SB190V10
 C100SB190V11
 C100SB190V12
 C100SB190V13
 C100SB190V14
 C100SB190V15
 C100SB190V16
 C100SB190V17
 C100SB190V18
 C100SB190V19
 C100SB190V20
 C100SB190V21
 C100SB190V22
 C100SB190V23
 C100SB190V24
 C100SB190V25
 C100SB190V26
 C100SB190V27
 C100SB190V28
 C100SB190V29
 C100SB190V30
 C100SB190V31
 C100SB190V32
 C100SB190V33
 C100SB190V34
 C100SB190V35
 C100SB190V36

**Vertical .290 Gulls
OE Pinout**

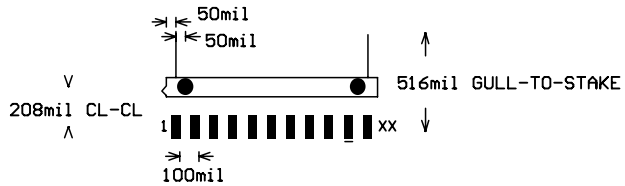
C100SB290V : HELP
C100SB290V4
C100SB290V6
C100SB290V8
C100SB290V10
C100SB290V12
C100SB290V14
C100SB290V16
C100SB290V18
C100SB290V20
C100SB290V22
C100SB290V24
C100SB290V26
C100SB290V28
C100SB290V30
C100SB290V32
C100SB290V34
C100SB290V36
C100SB290V38
C100SB290V40
C100SB290V42
C100SB290V44
C100SB290V46
C100SB290V48
C100SB290V50
C100SB290V52
C100SB290V54
C100SB290V56
C100SB290V58
C100SB290V60
C100SB290V62
C100SB290V64
C100SB290V66
C100SB290V68
C100SB290V70
C100SB290V72

**Vertical .290 Gulls
Inv () OE Pinout**

C100SB29_V : HELP
C100SB29_V4
C100SB29_V6
C100SB29_V8
C100SB29_V10
C100SB29_V12
C100SB29_V14
C100SB29_V16
C100SB29_V18
C100SB29_V20
C100SB29_V22
C100SB29_V24
C100SB29_V26
C100SB29_V28
C100SB29_V30
C100SB29_V32
C100SB29_V34
C100SB29_V36
C100SB29_V38
C100SB29_V40
C100SB29_V42
C100SB29_V44
C100SB29_V46
C100SB29_V48
C100SB29_V50
C100SB29_V52
C100SB29_V54
C100SB29_V56
C100SB29_V58
C100SB29_V60
C100SB29_V62
C100SB29_V64
C100SB29_V66
C100SB29_V68
C100SB29_V70
C100SB29_V72

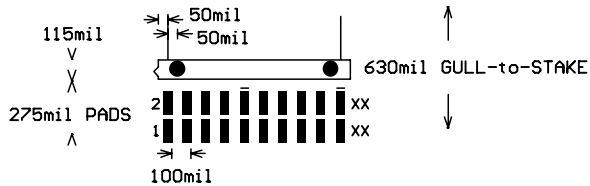
CON100SB : .100 SM BLOCK CONNECTORS

C100SB516R : CON .100 SM BLOCK .516 WIDE RTANG
 : SEQUENTIAL PINOUT



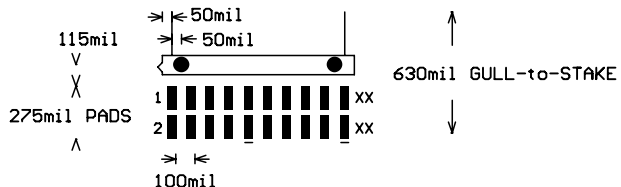
PADSTACK : .050 X .125
 MOUNT : .070 HOLE / .085 PAD

C100SB630R : CON .100 SM BLOCK .630 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .050 X .125
 MOUNT : .070 HOLE / .085 PAD

C100SB63_R : CON .100 SM BLOCK .630 WIDE INV RTANG
 : INVERSE () ODD-EVEN PINOUT

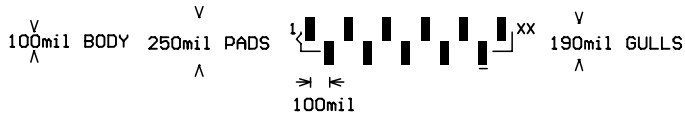


PADSTACK : .050 X .125
 MOUNT : .070 HOLE / .085 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100SB LIBRARY | |
| CON100SB.LIB | | CON100SB-1 |

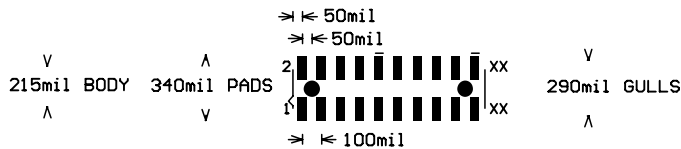
CON100SB : .100 SM BLOCK CONNECTORS

C100SB190V : CON .100 SM BLOCK .190 WIDE GULLS VERTICAL
 : STANDARD SEQUENTIAL PINOUT



PADSTACK : .050 X .125

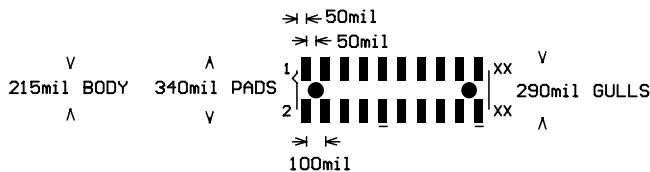
C100SB290V : CON .100 SM BLOCK .290 WIDE GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .050 X .125

MOUNT : .070 HOLE / .085 PAD

C100SB29_U : CON .100 SM BLOCK .290 WIDE INV GULLS VERT
 : INVERSE (<_>) ODD-EVEN PINOUT



PADSTACK : .050 X .125

MOUNT : .070 HOLE / .085 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100SB LIBRARY | |
| CON100SB.LIB | | CON100SB-2 |

CON100TB.LIB

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| 100 | = | 100 mil Pitch |
| T | = | Thru-hole mount |
| B | = | Block style |
| Number | = | Width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .350 Wide
Single-in-line
.025 Sq. Post**

C100TB350R : HELP
C100TB350R2
C100TB350R3
C100TB350R4
C100TB350R5
C100TB350R6
C100TB350R7
C100TB350R8
C100TB350R9
C100TB350R10
C100TB350R11
C100TB350R12
C100TB350R13
C100TB350R14
C100TB350R15
C100TB350R16
C100TB350R17
C100TB350R18
C100TB350R19
C100TB350R20
C100TB350R21
C100TB350R22
C100TB350R23
C100TB350R24

**Rt. Angle .425 Wide
Single-in-line**

C100TB425R : HELP
C100TB425R2
C100TB425R3
C100TB425R4
C100TB425R5
C100TB425R6
C100TB425R7
C100TB425R8
C100TB425R9
C100TB425R10
C100TB425R11
C100TB425R12
C100TB425R13
C100TB425R14
C100TB425R15
C100TB425R16
C100TB425R17
C100TB425R18
C100TB425R19
C100TB425R20
C100TB425R21
C100TB425R22
C100TB425R23
C100TB425R24

**Rt. Angle .525 Wide
OE Pinout**

C100TB525R : HELP
C100TB525R2
C100TB525R4
C100TB525R6
C100TB525R8
C100TB525R10
C100TB525R12
C100TB525R14
C100TB525R16
C100TB525R18
C100TB525R20
C100TB525R22
C100TB525R24
C100TB525R26
C100TB525R28
C100TB525R30
C100TB525R32
C100TB525R34
C100TB525R36
C100TB525R38
C100TB525R40
C100TB525R42
C100TB525R44
C100TB525R46
C100TB525R48
C100TB525R50
C100TB525R52
C100TB525R54
C100TB525R56
C100TB525R58
C100TB525R60
C100TB525R62
C100TB525R64

**Rt. Angle .525 Wide
Inv () OE Pinout**

C100TB52_R : HELP
C100TB52_R2
C100TB52_R4
C100TB52_R6
C100TB52_R8
C100TB52_R10
C100TB52_R12
C100TB52_R14
C100TB52_R16
C100TB52_R18
C100TB52_R20
C100TB52_R22
C100TB52_R24
C100TB52_R26
C100TB52_R28
C100TB52_R30
C100TB52_R32
C100TB52_R34
C100TB52_R36
C100TB52_R38
C100TB52_R40
C100TB52_R42
C100TB52_R44
C100TB52_R46
C100TB52_R48
C100TB52_R50
C100TB52_R52
C100TB52_R54
C100TB52_R56
C100TB52_R58
C100TB52_R60
C100TB52_R62
C100TB52_R64

**Rt. Angle .530 Wide
OE Pinout
.025 Sq. Post**

C100TB530R : HELP
 C100TB530R2
 C100TB530R4
 C100TB530R6
 C100TB530R8
 C100TB530R10
 C100TB530R12
 C100TB530R14
 C100TB530R16
 C100TB530R18
 C100TB530R20
 C100TB530R22
 C100TB530R24
 C100TB530R26
 C100TB530R28
 C100TB530R30
 C100TB530R32
 C100TB530R34
 C100TB530R36
 C100TB530R38
 C100TB530R40
 C100TB530R42
 C100TB530R44
 C100TB530R46
 C100TB530R48
 C100TB530R50
 C100TB530R52
 C100TB530R54
 C100TB530R56
 C100TB530R58
 C100TB530R60
 C100TB530R62
 C100TB530R64

**Rt. Angle .530 Wide
Inv (L) OE Pinout
.025 Sq. Post**

C100TB53_R : HELP
 C100TB53_R2
 C100TB53_R4
 C100TB53_R6
 C100TB53_R8
 C100TB53_R10
 C100TB53_R12
 C100TB53_R14
 C100TB53_R16
 C100TB53_R18
 C100TB53_R20
 C100TB53_R22
 C100TB53_R24
 C100TB53_R26
 C100TB53_R28
 C100TB53_R30
 C100TB53_R32
 C100TB53_R34
 C100TB53_R36
 C100TB53_R38
 C100TB53_R40
 C100TB53_R42
 C100TB53_R44
 C100TB53_R46
 C100TB53_R48
 C100TB53_R50
 C100TB53_R52
 C100TB53_R54
 C100TB53_R56
 C100TB53_R58
 C100TB53_R60
 C100TB53_R62
 C100TB53_R64

**Vertical .100 Wide
Single-in-line**

C100TB100V : HELP
 C100TB100V2
 C100TB100V3
 C100TB100V4
 C100TB100V5
 C100TB100V6
 C100TB100V7
 C100TB100V8
 C100TB100V9
 C100TB100V10
 C100TB100V11
 C100TB100V12
 C100TB100V13
 C100TB100V14
 C100TB100V15
 C100TB100V16
 C100TB100V17
 C100TB100V18
 C100TB100V19
 C100TB100V20
 C100TB100V21
 C100TB100V22
 C100TB100V23
 C100TB100V24
 C100TB100V25
 C100TB100V26
 C100TB100V27
 C100TB100V28
 C100TB100V29
 C100TB100V30
 C100TB100V31
 C100TB100V32
 C100TB100V33
 C100TB100V34
 C100TB100V35
 C100TB100V36

**Vertical .101 Wide
Single-in-line
.025 Sq. Posts**

C100TB101V
 C100TB101V2
 C100TB101V3
 C100TB101V4
 C100TB101V5
 C100TB101V6
 C100TB101V7
 C100TB101V8
 C100TB101V9
 C100TB101V10
 C100TB101V11
 C100TB101V12
 C100TB101V13
 C100TB101V14
 C100TB101V15
 C100TB101V16
 C100TB101V17
 C100TB101V18
 C100TB101V19
 C100TB101V20
 C100TB101V21
 C100TB101V22
 C100TB101V23
 C100TB101V24

**Vertical .200 Wide
OE Pinout**

C100TB200V : HELP
C100TB200V2
C100TB200V4
C100TB200V6
C100TB200V8
C100TB200V10
C100TB200V12
C100TB200V14
C100TB200V16
C100TB200V18
C100TB200V20
C100TB200V22
C100TB200V24
C100TB200V26
C100TB200V28
C100TB200V30
C100TB200V32
C100TB200V34
C100TB200V36
C100TB200V38
C100TB200V40
C100TB200V42
C100TB200V44
C100TB200V46
C100TB200V48
C100TB200V50
C100TB200V52
C100TB200V54
C100TB200V56
C100TB200V58
C100TB200V60
C100TB200V62
C100TB200V64
C100TB200V66
C100TB200V68
C100TB200V70
C100TB200V72
C100TB200V74
C100TB200V76
C100TB200V78
C100TB200V80
C100TB200V82
C100TB200V84
C100TB200V86
C100TB200V88
C100TB200V90
C100TB200V92
C100TB200V94
C100TB200V96
C100TB200V98

**Vertical .200 Wide
Inv () OE Pinout**

C100TB20_V : HELP
C100TB20_V2
C100TB20_V4
C100TB20_V6
C100TB20_V8
C100TB20_V10
C100TB20_V12
C100TB20_V14
C100TB20_V16
C100TB20_V18
C100TB20_V20
C100TB20_V22
C100TB20_V24
C100TB20_V26
C100TB20_V28
C100TB20_V30
C100TB20_V32
C100TB20_V34
C100TB20_V36
C100TB20_V38
C100TB20_V40
C100TB20_V42
C100TB20_V44
C100TB20_V46
C100TB20_V48
C100TB20_V50
C100TB20_V52
C100TB20_V54
C100TB20_V56
C100TB20_V58
C100TB20_V60
C100TB20_V62
C100TB20_V64
C100TB20_V66
C100TB20_V68
C100TB20_V70
C100TB20_V72
C100TB20_V74
C100TB20_V76
C100TB20_V78
C100TB20_V80
C100TB20_V82
C100TB20_V84
C100TB20_V86
C100TB20_V88
C100TB20_V90
C100TB20_V92
C100TB20_V94
C100TB20_V96
C100TB20_V98

**Vertical .210 Wide
OE Pinout
.025 Sq. Post**

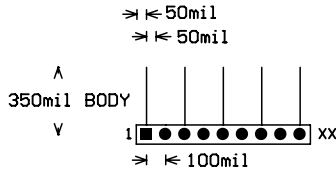
C100TB210V : HELP
C100TB210V2
C100TB210V4
C100TB210V6
C100TB210V8
C100TB210V10
C100TB210V12
C100TB210V14
C100TB210V16
C100TB210V18
C100TB210V20
C100TB210V22
C100TB210V24
C100TB210V26
C100TB210V28
C100TB210V30
C100TB210V32
C100TB210V34
C100TB210V36
C100TB210V38
C100TB210V40
C100TB210V42
C100TB210V44
C100TB210V46
C100TB210V48
C100TB210V50
C100TB210V52
C100TB210V54
C100TB210V56
C100TB210V58
C100TB210V60
C100TB210V62
C100TB210V64
C100TB210V66
C100TB210V68
C100TB210V70
C100TB210V72
C100TB210V74
C100TB210V76
C100TB210V78
C100TB210V80
C100TB210V82
C100TB210V84
C100TB210V86
C100TB210V88
C100TB210V90
C100TB210V92
C100TB210V94
C100TB210V96
C100TB210V98

**Vertical .210 Wide
Inv () OE Pinout
.025 Sq. Post**

C100TB21_V : HELP
C100TB21_V2
C100TB21_V4
C100TB21_V6
C100TB21_V8
C100TB21_V10
C100TB21_V12
C100TB21_V14
C100TB21_V16
C100TB21_V18
C100TB21_V20
C100TB21_V22
C100TB21_V24
C100TB21_V26
C100TB21_V28
C100TB21_V30
C100TB21_V32
C100TB21_V34
C100TB21_V36
C100TB21_V38
C100TB21_V40
C100TB21_V42
C100TB21_V44
C100TB21_V46
C100TB21_V48
C100TB21_V50
C100TB21_V52
C100TB21_V54
C100TB21_V56
C100TB21_V58
C100TB21_V60
C100TB21_V62
C100TB21_V64
C100TB21_V66
C100TB21_V68
C100TB21_V70
C100TB21_V72
C100TB21_V74
C100TB21_V76
C100TB21_V78
C100TB21_V80
C100TB21_V82
C100TB21_V84
C100TB21_V86
C100TB21_V88
C100TB21_V90
C100TB21_V92
C100TB21_V94
C100TB21_V96
C100TB21_V98

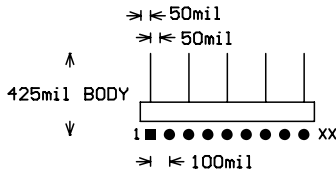
CON100TB : .100 TM BLOCK CONNECTORS

C100TB350R : CON .100 TM BLOCK .350 WIDE RTANG
 : SEQUENTIAL PINOUT



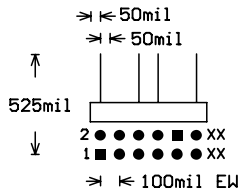
PADSTACK : .042 HOLE / .062 PAD
 PINS : .025 SQ. POST

C100TB425R : CON .100 TM BLOCK .425 WIDE RTANG
 : STANDARD PINOUT



PADSTACK : .037 HOLE / .058 PAD

C100TB525R : CON .100 TM BLOCK .525 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT

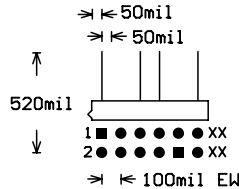


PADSTACK : .037 HOLE / .058 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TB LIBRARY | |
| CON100TB.LIB | | CON100TB-1 |

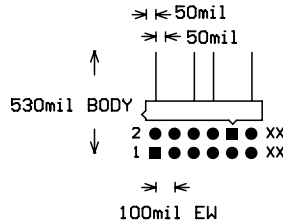
CON100TB : .100 TM BLOCK CONNECTORS

C100TB52_R : CON .100 TM BLOCK .520 WIDE INV RTANG
 : INVERSE () ODD-EVEN PINOUT



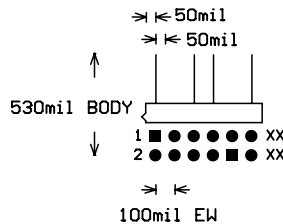
PADSTACK : .037 HOLE / .058 PAD

C100TB53OR : CON .100 TM BLOCK .530 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD
 PINS : .025 SQ. POST

C100TB53_R : CON .100 TM BLOCK .530 WIDE INV RTANG
 : INVERSE () ODD-EVEN PINOUT

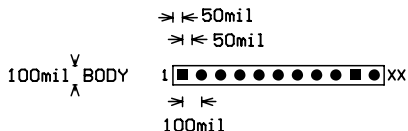


PADSTACK : .042 HOLE / .062 PAD
 PINS : .025 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TB LIBRARY | |
| CON100TB.LIB | | CON100TB-2 |

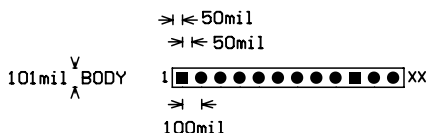
CON100TB : .100 TM BLOCK CONNECTORS

C100TB100V : CON .100 TM BLOCK .100 WIDE VERTICAL
 : SEQUENTIAL PINOUT



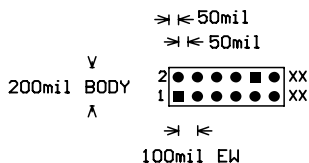
PADSTACK : .037 HOLE / .058 PAD

C100TB101V : CON .100 TM BLOCK .101 WIDE VERTICAL
 : SEQUENTIAL PINOUT



PADSTACK : .042 HOLE / .062 PAD
 PINS : .025 SQ. POST

C100TB200V : CON .100 TM BLOCK .200 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT

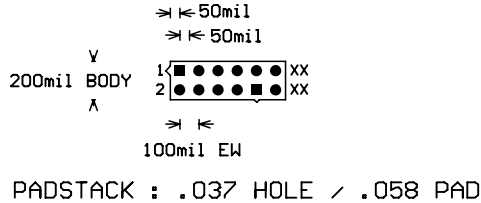


PADSTACK : .037 HOLE / .058 PAD

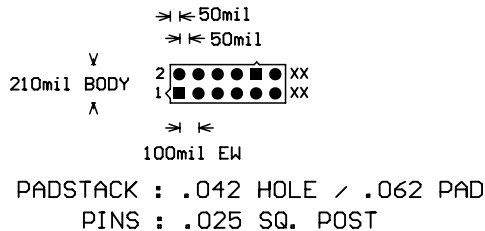
| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TB LIBRARY | PAGE |
| CON100TB | | CON100TB-3 |

CON100TB : .100 TM BLOCK CONNECTORS

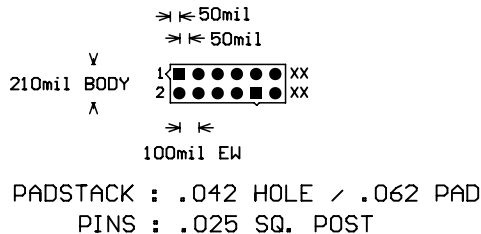
C100TB20_V : CON .100 TM BLOCK .200 WIDE INV VERTICAL
 : INVERSE (_) ODD-EVEN PINOUT



C100TB210V : CON .100 TM BLOCK .210 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



C100TB21_V : CON .100 TM BLOCK .210 WIDE INV VERTICAL
 : INVERSE (_) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TB LIBRARY | |
| CON100TB.LIB | | CON100TB-4 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| 100 | = | 100 mil Pitch |
| T | = | Thru-hole mount |
| L | = | Latching IDC style |
| Number | = | Body Width in mils |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle 1.100 Wide
OE Pinout**

C100TL110R : HELP
 C100TL110R10
 C100TL110R14
 C100TL110R16
 C100TL110R20
 C100TL110R24
 C100TL110R26
 C100TL110R30
 C100TL110R34
 C100TL110R40
 C100TL110R50
 C100TL110R60
 C100TL110R64

**Rt. Angle 1.110 Wide
OE Pinout
.025 Sq. Post**

C100TL111R : HELP
 C100TL111R10
 C100TL111R14
 C100TL111R16
 C100TL111R20
 C100TL111R24
 C100TL111R26
 C100TL111R30
 C100TL111R34
 C100TL111R40
 C100TL111R50
 C100TL111R60
 C100TL111R64

**Vertical .350 Wide
OE Pinout**

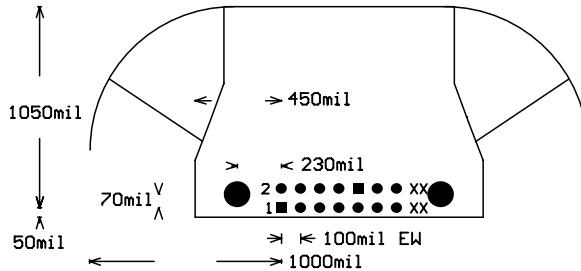
C100TL350V : HELP
 C100TL350V10
 C100TL350V14
 C100TL350V16
 C100TL350V20
 C100TL350V24
 C100TL350V26
 C100TL350V30
 C100TL350V34
 C100TL350V40
 C100TL350V50
 C100TL350V60
 C100TL350V64

**Vertical .351 Wide
OE Pinout
.025 Sq. Post**

C100TL351V : HELP
 C100TL351V10
 C100TL351V14
 C100TL351V16
 C100TL351V20
 C100TL351V24
 C100TL351V26
 C100TL351V30
 C100TL351V34
 C100TL351V40
 C100TL351V50
 C100TL351V60
 C100TL351V64

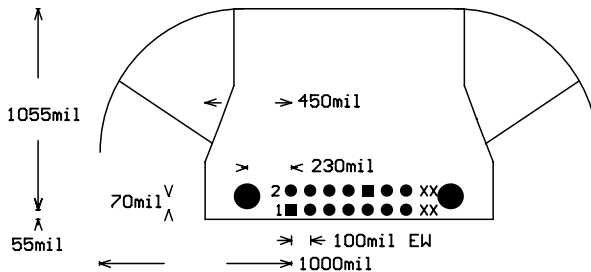
CON100TL : .100 TM LATCH CONNECTORS

C100TL110R : CON .100 TM LATCHING 1.100 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD
 MOUNT : .116 HOLE / .138 PAD

C100TL111R : CON .100 TM LATCHING 1.110 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT

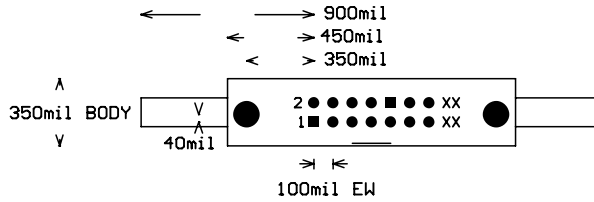


PADSTACK : .042 HOLE / .062 PAD
 MOUNT : .116 HOLE / .138 PAD
 PINS : .025 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TL LIBRARY | |
| CON100TL.LIB | | CON100TL-1 |

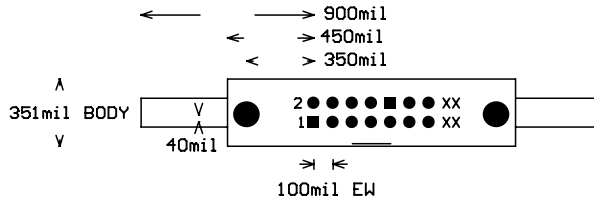
CON100TL : .100 TM LATCH CONNECTORS

C100TL350V : CON .100 TM LATCHING .350 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD
 MOUNT : .116 HOLE / .138 PAD

C100TL351V : CON .100 TM LATCHING .351 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD
 MOUNT : .116 HOLE / .138 PAD
 PINS : .025 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TL LIBRARY | |
| CON100TL.LIB | | CON100TL-2 |

| | | |
|--------|---|---------------------------------|
| C | = | Connector |
| 100 | = | 100 mil Pitch |
| T | = | Thru-hole mount |
| P | = | Polarized / friction lock style |
| Number | = | Body width in mils |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .440 Wide
Single-in-line
.025 Sq. Post**

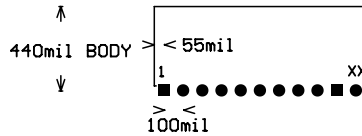
C100TP440R : HELP
 C100TP440R2
 C100TP440R3
 C100TP440R4
 C100TP440R5
 C100TP440R6
 C100TP440R7
 C100TP440R8
 C100TP440R9
 C100TP440R10
 C100TP440R11
 C100TP440R12
 C100TP440R13
 C100TP440R14
 C100TP440R15
 C100TP440R16
 C100TP440R17
 C100TP440R18
 C100TP440R19
 C100TP440R20
 C100TP440R21
 C100TP440R22
 C100TP440R23
 C100TP440R24
 C100TP440R25
 C100TP440R26
 C100TP440R27
 C100TP440R28
 C100TP440R29
 C100TP440R30
 C100TP440R31
 C100TP440R32
 C100TP440R33
 C100TP440R34
 C100TP440R35
 C100TP440R36

**Vertical .300 Wide
Single-in-line
.025 Sq. Post**

C100TP300V : HELP
 C100TP300V2
 C100TP300V3
 C100TP300V4
 C100TP300V5
 C100TP300V6
 C100TP300V7
 C100TP300V8
 C100TP300V9
 C100TP300V10
 C100TP300V11
 C100TP300V12
 C100TP300V13
 C100TP300V14
 C100TP300V15
 C100TP300V16
 C100TP300V17
 C100TP300V18
 C100TP300V19
 C100TP300V20
 C100TP300V21
 C100TP300V22
 C100TP300V23
 C100TP300V24
 C100TP300V25
 C100TP300V26
 C100TP300V27
 C100TP300V28
 C100TP300V29
 C100TP300V30
 C100TP300V31
 C100TP300V32
 C100TP300V33
 C100TP300V34
 C100TP300V35
 C100TP300V36

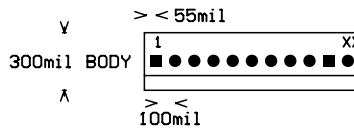
CON100TP : .100 TM POLAR/FRICTION CON

C100TP440R : CON .100 TM POLAR/FRICTION .440 WIDE RTANG
: SEQUENTIAL PINOUT



PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

C100TP300V : CON .100 TM POLAR/FRICTION .300 WIDE VERT
: SEQUENTIAL PINOUT



PADSTACK : .042 HOLE / .062 PAD
PINS : .025 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TP LIBRARY | |
| CON100TP.LIB | | CON100TP-1 |

| | | |
|--------|---|---------------------------|
| C | = | Connector |
| 100 | = | 100 mil Pitch |
| T | = | Thru-hole mount |
| W | = | Walled/shrouded IDC style |
| Number | = | Body width in mils |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .550 Wide
OE Pinout**

C100TW550R : HELP
 C100TW550R10
 C100TW550R12
 C100TW550R14
 C100TW550R16
 C100TW550R20
 C100TW550R24
 C100TW550R26
 C100TW550R30
 C100TW550R34
 C100TW550R40
 C100TW550R60
 C100TW550R64

**Rt. Angle .551 Wide
OE Pinout
.025 Sq. Post**

C100TW551R : HELP
 C100TW551R10
 C100TW551R12
 C100TW551R14
 C100TW551R16
 C100TW551R20
 C100TW551R24
 C100TW551R26
 C100TW551R30
 C100TW551R34
 C100TW551R40
 C100TW551R50
 C100TW551R60
 C100TW551R64

**Vertical .325 Wide
OE Pinout**

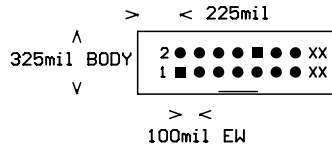
C100TW325V : HELP
 C100TW325V10
 C100TW325V14
 C100TW325V16
 C100TW325V20
 C100TW325V24
 C100TW325V26
 C100TW325V30
 C100TW325V34
 C100TW325V40
 C100TW325V50
 C100TW325V60
 C100TW325V64

**Vertical .326 Wide
OE Pinout
.025 Sq. Post**

C100TW326V : HELP
 C100TW326V10
 C100TW326V14
 C100TW326V16
 C100TW326V20
 C100TW326V24
 C100TW326V26
 C100TW326V30
 C100TW326V34
 C100TW326V40
 C100TW326V50
 C100TW326V60
 C100TW326V64

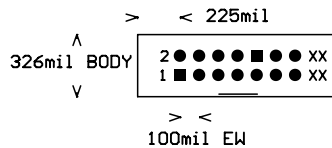
CON100TW : .100 TM WALLED CONNECTORS

C100TW325V : CON .100 TM WALLED .325 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD

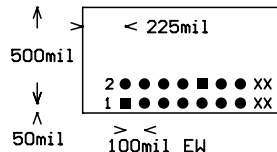
C100TW326V : CON .100 TM WALLED .326 WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD

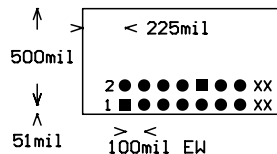
PINS : .025 SQ. POST

C100TW550R : CON .100 TM WALLED .550 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .037 HOLE / .058 PAD

C100TW551R : CON .100 TM WALLED .551 WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .042 HOLE / .062 PAD

PINS : .025 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON100TW LIBRARY | |
| CON100TW.LIB | | CON100TW-1 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| 156 | = | 156 mil Pitch |
| T | = | Thru-hole mount |
| B | = | Block style |
| Number | = | Width in mils |
| R,V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical .156 Wide
Single-in-line
.045 Sq. Post**

C156TB156V : HELP
 C156TB156V2
 C156TB156V3
 C156TB156V4
 C156TB156V5
 C156TB156V6
 C156TB156V7
 C156TB156V8
 C156TB156V9
 C156TB156V10
 C156TB156V11
 C156TB156V12
 C156TB156V13
 C156TB156V14
 C156TB156V15
 C156TB156V16
 C156TB156V17
 C156TB156V18
 C156TB156V19
 C156TB156V20
 C156TB156V21
 C156TB156V22
 C156TB156V23
 C156TB156V24

**Vertical .312 Wide
Single-in-line
.045 Sq. Post**

C156TB312V : HELP
 C156TB312V2
 C156TB312V3
 C156TB312V4
 C156TB312V5
 C156TB312V6
 C156TB312V7
 C156TB312V8
 C156TB312V9
 C156TB312V10
 C156TB312V11
 C156TB312V12
 C156TB312V13
 C156TB312V14
 C156TB312V15
 C156TB312V16
 C156TB312V17
 C156TB312V18
 C156TB312V19
 C156TB312V20
 C156TB312V21
 C156TB312V22
 C156TB312V23
 C156TB312V24

**Rt. Angle .545 Wide
Single-in-line
.045 Sq. Post**

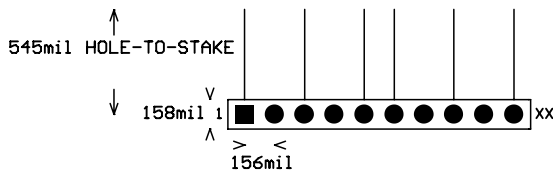
C156TB545R : HELP
 C156TB545R2
 C156TB545R3
 C156TB545R4
 C156TB545R5
 C156TB545R6
 C156TB545R7
 C156TB545R8
 C156TB545R9
 C156TB545R10
 C156TB545R11
 C156TB545R12
 C156TB545R13
 C156TB545R14
 C156TB545R15
 C156TB545R16
 C156TB545R17
 C156TB545R18
 C156TB545R19
 C156TB545R20
 C156TB545R21
 C156TB545R22
 C156TB545R23
 C156TB545R24

**Rt. Angle .585 Wide
Single-in-line
.045 Sq. Post**

C156TB585R : HELP
 C156TB585R2
 C156TB585R3
 C156TB585R4
 C156TB585R5
 C156TB585R6
 C156TB585R7
 C156TB585R8
 C156TB585R9
 C156TB585R10
 C156TB585R11
 C156TB585R12
 C156TB585R13
 C156TB585R14
 C156TB585R15
 C156TB585R16
 C156TB585R17
 C156TB585R18
 C156TB585R19
 C156TB585R20
 C156TB585R21
 C156TB585R22
 C156TB585R23
 C156TB585R24

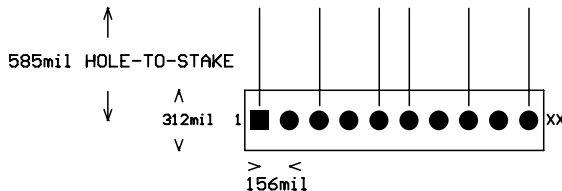
CON156TB : .156 TM BLOCK CONNECTORS

C156TB545R : CON .156 TM BLOCK .545 WIDE RTANG
: SEQUENTIAL PINOUT



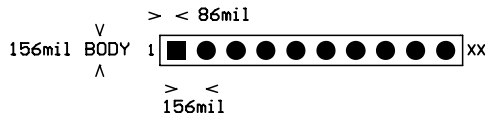
PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB585R : CON .156 TM BLOCK .585 WIDE RTANG
: STANDARD SEQUENTIAL PINOUT



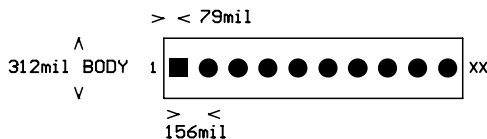
PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB156V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB312V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



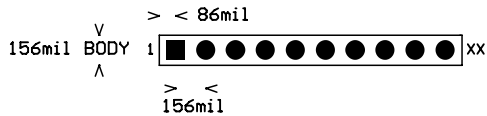
PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON156TB LIBRARY | |
| CON156TB.LIB | | CON156TB-1 |

CON156TB

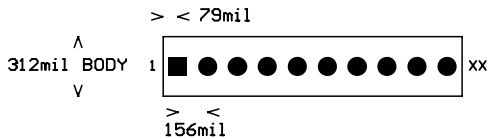
CONNECTOR : .156 TM BLOCKS

C156TB156V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TB312V : CON .156 TM BLOCK .156 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON156TB LIBRARY | |
| CON156TB.LIB | | CON156TB-2 |

| | | |
|--------|---|---------------------------------|
| C | = | Connector |
| 156 | = | 156 mil Pitch |
| T | = | Thru-hole mount |
| P | = | Polarized / friction lock style |
| Number | = | Body width in mils |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle .800 Wide
Single-in-line
.045 Sq. Post**

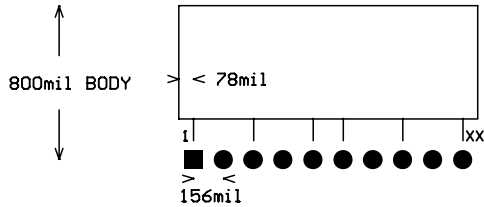
C156TP800R : HELP
 C156TP800R2
 C156TP800R3
 C156TP800R4
 C156TP800R5
 C156TP800R6
 C156TP800R7
 C156TP800R8
 C156TP800R9
 C156TP800R10
 C156TP800R11
 C156TP800R12
 C156TP800R13
 C156TP800R14
 C156TP800R15
 C156TP800R16
 C156TP800R17
 C156TP800R18
 C156TP800R19
 C156TP800R20
 C156TP800R21
 C156TP800R22
 C156TP800R23
 C156TP800R24

**Vertical .425 Wide
Single-in-line
.045 Sq. Post**

C156TP425V : HELP
 C156TP425V2
 C156TP425V3
 C156TP425V4
 C156TP425V5
 C156TP425V6
 C156TP425V7
 C156TP425V8
 C156TP425V9
 C156TP425V10
 C156TP425V11
 C156TP425V12
 C156TP425V13
 C156TP425V14
 C156TP425V15
 C156TP425V16
 C156TP425V17
 C156TP425V18
 C156TP425V19
 C156TP425V20
 C156TP425V21
 C156TP425V22
 C156TP425V23
 C156TP425V24

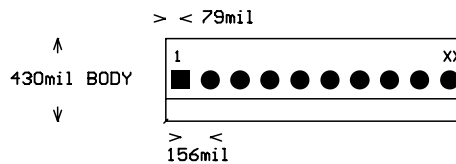
CON156TP : .156 TM POLARIZED / FRICT CON

C156TP800R : CON .156 TM POLARIZED .580 WIDE RTANG
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

C156TP425V : CON .156 TM BLOCK .425 WIDE VERTICAL
: SEQUENTIAL PINOUT



PADSTACK : .070 HOLE / .100 PAD
PINS : .045 SQ. POST

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CON156TP LIBRARY | |
| CON156TP.LIB | | CON156TP-1 |

CONCENT.LIB

| | | |
|----------------|---|--|
| C | = | Connector |
| CENT | = | Centronics compatible |
| Number | = | Row spacing |
| RP, RS, VP, VS | = | Right angle or Vertical Plug or Socket |
| Number | = | Pin count |

**Rt. Angle
.085 x .169 Pitch
Plug & Sockets**

CCENT169RP14
CCENT169RP24
CCENT169RP36
CCENT169RP50

CCENT169RS14
CCENT169RS24
CCENT169RS36
CCENT169RS50

**Vertical
.085 x .151 Pitch
Plugs & Sockets**

CCENT151VP14
CCENT151VP24
CCENT151VP36
CCENT151VP50

CCENT151VS14
CCENT151VS24
CCENT151VS36
CCENT151VS50

**Vertical
.085 x .169 Pitch
Plugs & Sockets**

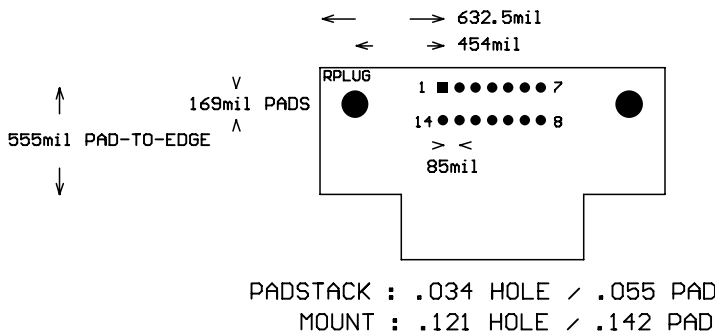
CCENT169VP14
CCENT169VP24
CCENT169VP36
CCENT169VP50

CCENT169VS14
CCENT169VS24
CCENT169VS36
CCENT169VS50

CONCENT : CENTRONICS COMPATIBLE CONN.

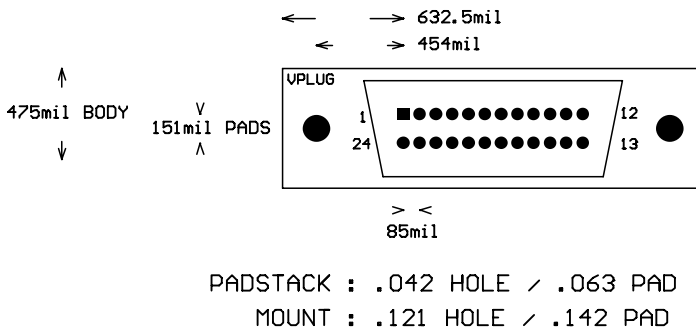
CCENT151R

- : CON .085 X .169 CENTRONICS TM D-SHELL RTANG
- : CONTINUOUS PINOUT



CCENT151V

- : CON .085 X .151 CENTRONICS TM D-SHELL VERTICAL
- : CONTINUOUS PINOUT

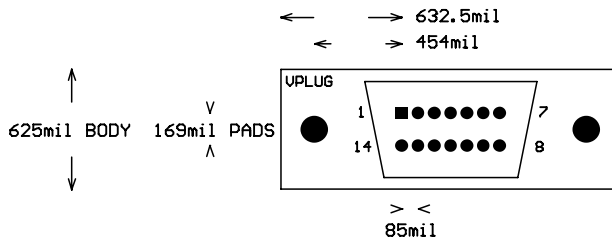


| | | |
|---------------|-----------------|-----------|
| REVISION 7.00 | CONCENT LIBRARY | |
| CONCENT.LIB | | CONCENT-1 |

CONCENT : CENTRONICS COMPATIBLE CONN.

CCENT169U

: CON .085 X .169 CENTRONICS TM D-SHELL VERTICAL
: CONTINUOUS PINOUT



PADSTACK : .042 HOLE / .063 PAD
MOUNT : .121 HOLE / .142 PAD

| | | |
|---------------|-----------------|-----------|
| REVISION 7.00 | CONCENT LIBRARY | |
| CONCENT.LIB | | CONCENT-2 |

CONDIN.LIB

| | | |
|-----------------|---|-------------------------|
| DIN | = | DIN |
| Number | = | Pin count |
| R, V | = | Right angle or Vertical |
| AB, AC, ABC, BC | = | Filled rows |

DIN : HELP

Rt. Angle
Std & Inv () Pinouts

Vertical
Std & Inv () Pinouts

DIN/R32AB
DIN/R32AB_I

DIN/V32AB
DIN/V32AB_I

DIN/R64AB
DIN/R64AB_I

DIN/V64AB
DIN/V64AB_I

DIN/R64AC
DIN/R64AC_I

DIN/V64AC
DIN/V64AC_I

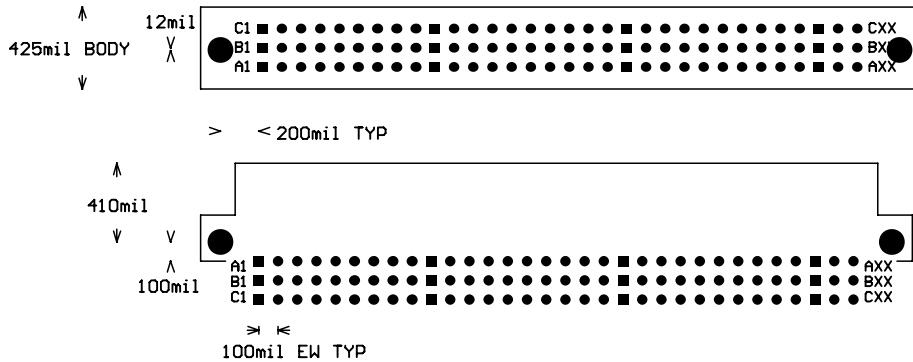
DIN/R96ABC
DIN/R96ABC_I

DIN/V96ABC
DIN/V96ABC_I

CONDIN : DIN CONNECTORS

DIN

- : CON DIN TM RTANG & VERTICAL 32-96 PIN, AB/AC/ABC ROWS
- : STANDARD ALPHA-NUMERIC PINOUTS
- : INVERSE (<_I>) ALPHA-NUMERIC PINOUT FORMS



PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .116 HOLE / .136 PAD

| | | |
|---------------|----------------|----------|
| REVISION 7.00 | CONDIN LIBRARY | |
| CONDIN.LIB | | CONDIN-1 |

CONDINC.LIB

| | | |
|----------|---|----------------------------------|
| DIN C | = | DIN Circular |
| MIN, STD | = | Miniature or Standard style |
| S, T | = | Surface mount or Thru-hole mount |
| Number | = | Pin count |

Miniature Surface Mount

DINC/MINS : HELP
DINC/MINS/3
DINC/MINS/4
DINC/MINS/5
DINC/MINS/6
DINC/MINS/7
DINC/MINS/8

Miniature Thru-hole Mount

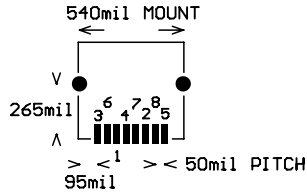
DINC/MINT : HELP
DINC/MINT/3
DINC/MINT/4
DINC/MINT/5
DINC/MINT/6
DINC/MINT/7
DINC/MINT/8

Standard Thru-hole Mount

DINC/STDT : HELP
DINC/STDT/4
DINC/STDT/5
DINC/STDT/6
DINC/STDT/7
DINC/STDT/8

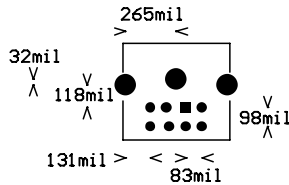
CONDINC : CIRCULAR DIN CONNECTORS

DINC/MINS : DIN CIRCULAR MINIATURE SM



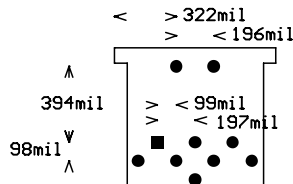
PADSTACK : .035 X .100
MOUNT : .060 HOLE / .081 PAD

DINC/MINT : DIN CIRCULAR MINIATURE TM



PADSTACK : .034 HOLE X .055 PAD
MOUNT : .091 HOLE / .112 PAD

DINC/STDT : DIN CIRCULAR STANDARD TM



PADSTACK : .046 HOLE X .067 PAD
MOUNT : .046 HOLE / .067 PAD

| | | |
|---------------|-----------------|-----------|
| REVISION 7.00 | CONDINC LIBRARY | |
| CONDINC.LIB | | CONDINC-1 |

| | | |
|--------|---|---|
| DSUB | = | D-Subminiature Connectors |
| B, S | = | Buttmount or Surface mount |
| Number | = | Right angle first row-to-edge or vertical width |
| RP, RS | = | Right angle plug or socket |
| Number | = | Pin count |

**Buttmount
Rt. Angle
Plugs & Sockets**

**Surface Mount
Rt. Angle
Plugs & Sockets**

DSUBB : HELP

DSUBS : HELP

DSUBB431RP9
DSUBB431RP15
DSUBB431RP25

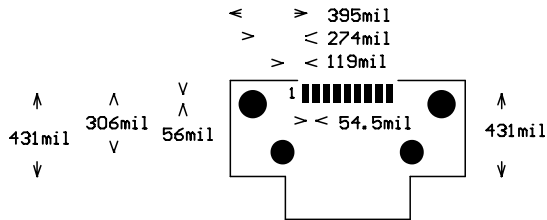
DSUBS445RP9
DSUBS445RP15
DSUBS445RP25

DSUBB431RS9
DSUBB431RS15
DSUBB431RS25

DSUBS445RS9
DSUBS445RS15
DSUBS445RS25

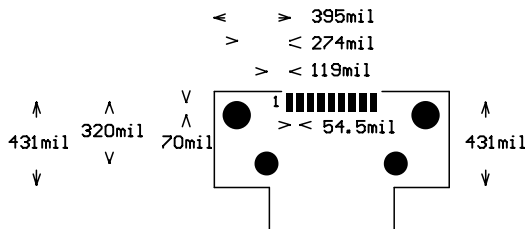
CONDSUBS : DSUB SM & BM CONNECTORS

DSUBB : CON DSUB BM (BUTTMOUNT) RTANG
 : DSUB STANDARD SEQUENTIAL PINOUT



PADSTACK : .037 X .100
 MOUNT : .125 HOLE / .150 PAD
 MOUNT : .100 HOLE / .125 PAD

DSUBS : CON DSUB SM RTANG
 : DSUB STANDARD SEQUENTIAL PINOUT



PADSTACK : .037 X .100
 MOUNT : .125 HOLE / .150 PAD
 MOUNT : .100 HOLE / .125 PAD

| | | |
|---------------|----------------------|------------|
| REVISION 7.00 | DSUB BM & SM LIBRARY | |
| CONDSUBS.LIB | | CONDSUBS-1 |

CONDSUBT.LIB

| | | |
|----------------|---|---|
| DSUB | = | D-Subminiature Connectors |
| T | = | Thru-hole mount |
| H | = | High density style |
| Number | = | Right angle first row-to-edge or vertical width |
| RP, RS, VP, VS | = | Right angle or Vertical Plug or Socket |
| Number | = | Pin count |

Rt. Angle Standard

DSUBT318 : HELP
 DSUBT318RP9
 DSUBT318RP15
 DSUBT318RP25
 DSUBT318RP37
 DSUBT318RS9
 DSUBT318RS15
 DSUBT318RS25
 DSUBT318RS37

DSUBT454 : HELP
 DSUBT454RP9
 DSUBT454RP15
 DSUBT454RP25
 DSUBT454RP37
 DSUBT454RS9
 DSUBT454RS15
 DSUBT454RS25
 DSUBT454RS37

DSUBT455 : HELP
 DSUBT455RP9
 DSUBT455RP15
 DSUBT455RP25
 DSUBT455RP37
 DSUBT455RS9
 DSUBT455RS15
 DSUBT455RS25
 DSUBT455RS37

DSUBT478 : HELP
 DSUBT478RP9
 DSUBT478RP15
 DSUBT478RP25
 DSUBT478RP37
 DSUBT478RS9
 DSUBT478RS15
 DSUBT478RS25
 DSUBT478RS37

DSUBT545 : HELP
 DSUBT545RP9
 DSUBT545RP15
 DSUBT545RP25
 DSUBT545RP37
 DSUBT545RP50
 DSUBT545RS9
 DSUBT545RS15
 DSUBT545RS25
 DSUBT545RS37
 DSUBT545RS50

DSUBT546 : HELP
 DSUBT546RP9
 DSUBT546RP15
 DSUBT546RP25
 DSUBT546RP37
 DSUBT546RP50
 DSUBT546RS9
 DSUBT546RS15
 DSUBT546RS25
 DSUBT546RS37
 DSUBT546RS50

DSUBT590 : HELP
 DSUBT590RP9
 DSUBT590RP15
 DSUBT590RP25
 DSUBT590RP37
 DSUBT590RS9
 DSUBT590RS15
 DSUBT590RS25
 DSUBT590RS37

DSUBT591 : HELP
 DSUBT591RP9
 DSUBT591RP15
 DSUBT591RP25
 DSUBT591RP37
 DSUBT591RS9
 DSUBT591RS15
 DSUBT591RS25
 DSUBT591RS37

Vertical Standard

DSUBT525V : HELP
 DSUBT525VP9
 DSUBT525VP15
 DSUBT525VP25
 DSUBT525VP37
 DSUBT525VS9
 DSUBT525VS15
 DSUBT525VS25
 DSUBT525VS37

DSUBT625VP50
 DSUBT625VS50

Rt. Angle High Density

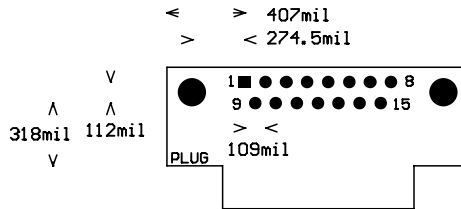
DSUBTH_R#
 DSUBTH_RP15
 DSUBTH_RP26
 DSUBTH_RP44
 DSUBTH_RP62
 DSUBTH_RP78
 DSUBTH_RP104
 DSUBTH_RS15
 DSUBTH_RS26
 DSUBTH_RS44
 DSUBTH_RS62
 DSUBTH_RS78
 DSUBTH_RS104

Vertical High Density

DSUBTH_V#
 DSUBTH_VP15
 DSUBTH_VP26
 DSUBTH_VP44
 DSUBTH_VP62
 DSUBTH_VP78
 DSUBTH_VP104
 DSUBTH_VS15
 DSUBTH_VS26
 DSUBTH_VS44
 DSUBTH_VS62
 DSUBTH_VS78
 DSUBTH_VS104

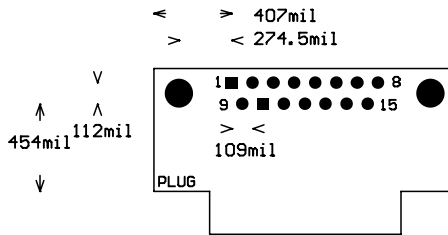
CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT318R : CON DSUB T .318 RTANG
 : DSUB STANDARD PINOUT



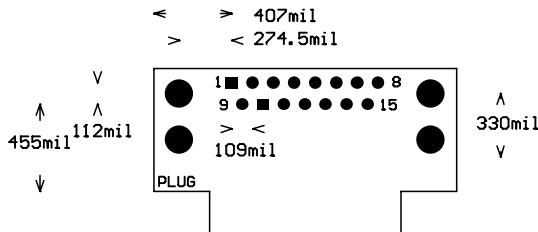
PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

DSUBT454R : CON DSUB T .454 RTANG
 : DSUB STANDARD PINOUT



PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

DSUBT455R : CON DSUB T .455 RTANG
 : DSUB STANDARD PINOUT

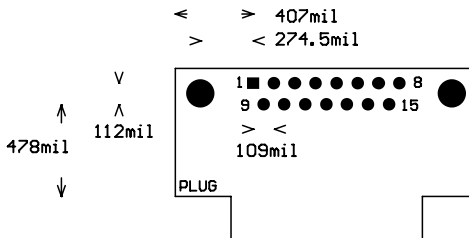


PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

| | | |
|---------------|-----------------|------------|
| REVISION 7.00 | DSUB TM LIBRARY | |
| CONDSUBT.LIB | | CONDSUBT-1 |

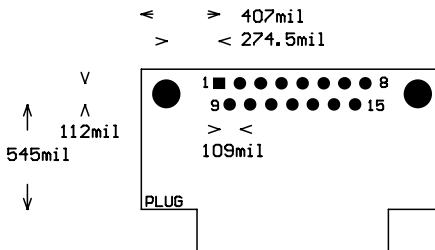
CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT478R : CON DSUB T .478 RTANG
: DSUB PLUG & SOCKET PINOUT



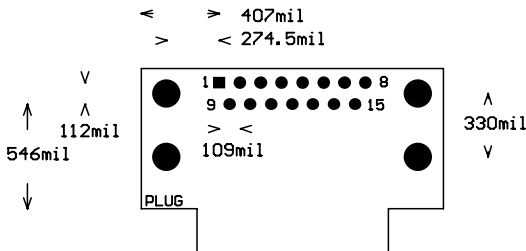
PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT545R : CON DSUB T .545 RTANG
: DSUB PLUG & SOCKET PINOUT



PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

DSUBT546R : CON DSUB T .546 RTANG
: DSUB PLUG & SOCKET PINOUT

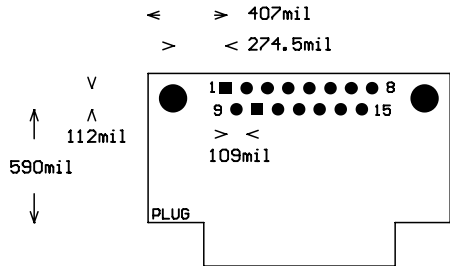


PADSTACK : .042 X .063
MOUNT : .120 HOLE / .150 PAD

| | | |
|---------------|-----------------|------------|
| REVISION 7.00 | DSUB TM LIBRARY | |
| CONDSUBT.LIB | | CONDSUBT-2 |

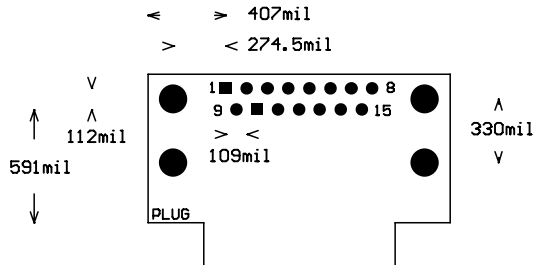
CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT590R : CON DSUB T .590 RTANG
 : DSUB PLUG & SOCKET PINOUT



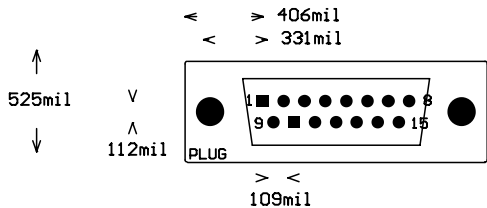
PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

DSUBT591R : CON DSUB T .591 RTANG
 : DSUB PLUG & SOCKET PINOUT



PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

DSUBT525V : CON DSUB T .525 VERTICAL
 : DSUB PLUG & SOCKET PINOUT

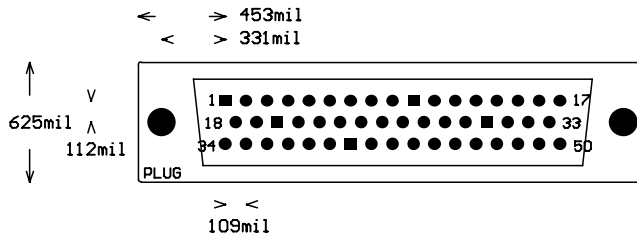


PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

| | | |
|---------------|-----------------|------------|
| REVISION 7.00 | DSUB TM LIBRARY | |
| CONDSUBT.LIB | | CONDSUBT-3 |

CONDSUBT : DSUB TM STD. & HD CONNECTORS

DSUBT625V : CON DSUB T .625 VERTICAL
 : DSUB PLUG & SOCKET PINOUT

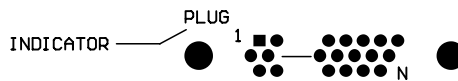


PADSTACK : .042 X .063
 MOUNT : .120 HOLE / .150 PAD

DSUBTH : DSUB HIGH DENSITY CONNECTORS

DSUB HD DIMENSIONS

| PINS : | ROW | PITCH | MH-MH | CL | FAR-PIN |
|-----------|------|-------|-------|-------|---------|
| 15-PIN : | .078 | .090 | 0.984 | 0.492 | 0.190 |
| 26-PIN : | .078 | .090 | 1.312 | 0.658 | 0.380 |
| 44-PIN : | .078 | .090 | 1.852 | 0.926 | 0.655 |
| 62-PIN : | .078 | .095 | 2.500 | 1.250 | 0.975 |
| 78-PIN : | .082 | .095 | 2.406 | 1.203 | 0.903 |
| 104-PIN : | .082 | .095 | 2.500 | 1.250 | 0.967 |



PLUG PATTERN SHOWN >> ← MH-MH →
 ← CL → > FAR PIN

← MH-MH → << SOCKET-MIRROR PATTERN
 FAR PIN < → CL →

PADSTACK : .040 HOLE / .064 PAD
 MOUNT : .122 HOLE / .146 PAD

| | | |
|---------------|-----------------|------------|
| REVISION 7.01 | DSUB TM LIBRARY | |
| CONDSUBT | | CONDSUBT-4 |

| | | |
|--------|---|-------------------------------------|
| FBUS | = | Futurebus 2mm |
| RS, VP | = | Right angle Socket or Vertical Plug |
| Number | = | Pin count |

Rt. Angle Sockets

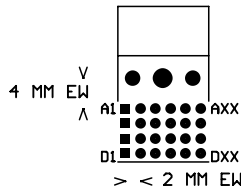
- FBUS/RS : HELP
- FBUS/RS24
- FBUS/RS48
- FBUS/RS72
- FBUS/RS96
- FBUS/RS120
- FBUS/RS144
- FBUS/RS168
- FBUS/RS192
- FBUS/RS216
- FBUS/RS240
- FBUS/RS264

Vertical Plugs

- FBUS/VP : HELP
- FBUS/VP24
- FBUS/VP48
- FBUS/VP72
- FBUS/VP96
- FBUS/VP120
- FBUS/VP144
- FBUS/VP168
- FBUS/VP192
- FBUS/VP216
- FBUS/VP240
- FBUS/VP264

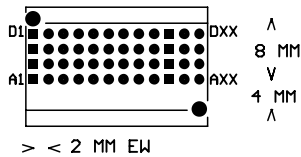
FUTUREBUS 2MM CONNECTORS

FBUS/RS : CON FUTUREBUS 2MM RTANG
 : ALPHA-NUMERIC PINOUT



PADSTACK : .028 HOLE / .042 PAD
 MOUNT : .060 HOLE / .082 PAD
 MOUNT : .081 HOLE / .102 PAD

FBUS/VP : CON FUTUREBUS 2MM VERTICAL
 : FUTUREBUS ALPHA-NUMERIC PINOUT



PADSTACK : .028 HOLE / .042 PAD
 MOUNT : .060 HOLE / .082 PAD

| | | |
|---------------|----------------------|-----------|
| REVISION 7.00 | CON FBUS 2MM LIBRARY | |
| CONFBUS.LIB | | CONFBUS-1 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M05 | = | 0.5 mm pitch |
| S | = | Surface mount |
| B | = | Block style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical .430 Gulls
OE Pinout**

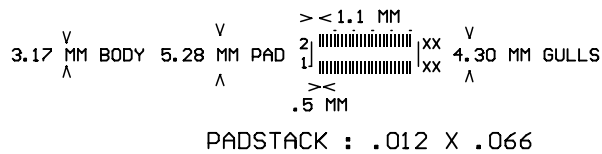
CM05SB430V : HELP
 CM05SB430V2
 CM05SB430V4
 CM05SB430V6
 CM05SB430V8
 CM05SB430V10
 CM05SB430V12
 CM05SB430V14
 CM05SB430V16
 CM05SB430V18
 CM05SB430V20
 CM05SB430V22
 CM05SB430V24
 CM05SB430V26
 CM05SB430V28
 CM05SB430V30
 CM05SB430V32
 CM05SB430V34
 CM05SB430V36
 CM05SB430V38
 CM05SB430V40
 CM05SB430V42
 CM05SB430V44
 CM05SB430V46
 CM05SB430V48
 CM05SB430V50

**Vertical .430 Gulls
Inv (L) OE Pinout**

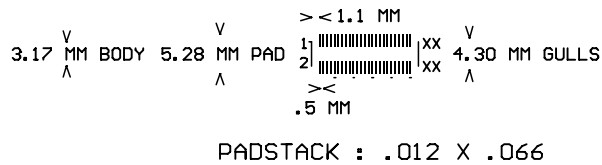
CM05SB43_V : HELP
 CM05SB43_V2
 CM05SB43_V4
 CM05SB43_V6
 CM05SB43_V8
 CM05SB43_V10
 CM05SB43_V12
 CM05SB43_V14
 CM05SB43_V16
 CM05SB43_V18
 CM05SB43_V20
 CM05SB43_V22
 CM05SB43_V24
 CM05SB43_V26
 CM05SB43_V28
 CM05SB43_V30
 CM05SB43_V32
 CM05SB43_V34
 CM05SB43_V36
 CM05SB43_V38
 CM05SB43_V40
 CM05SB43_V42
 CM05SB43_V44
 CM05SB43_V46
 CM05SB43_V48
 CM05SB43_V50

CONM05SB : .5 MM SM BLOCK CONNECTORS

CM05SB430V : CON .5 MM SM BLK 4.30 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



CM05SB43_U : CON .5 MM SM BLK 4.30 MM GULLS INV VERTICAL
 : INVERSE (<_>) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM05SB LIBRARY | |
| CONM05SB.LIB | | CONM05SB-1 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M05 | = | 0.5 mm pitch |
| S | = | Surface mount |
| W | = | Walled / shrouded style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical .450 Gulls
OE Pinout**

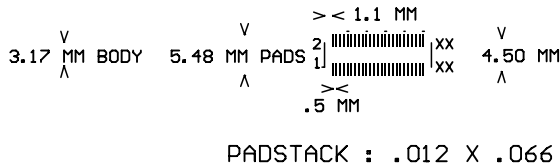
CM05SW450V : HELP
 CM05SW450V2
 CM05SW450V4
 CM05SW450V6
 CM05SW450V8
 CM05SW450V10
 CM05SW450V12
 CM05SW450V14
 CM05SW450V16
 CM05SW450V18
 CM05SW450V20
 CM05SW450V22
 CM05SW450V24
 CM05SW450V26
 CM05SW450V28
 CM05SW450V30
 CM05SW450V32
 CM05SW450V34
 CM05SW450V36
 CM05SW450V38
 CM05SW450V40
 CM05SW450V42
 CM05SW450V44
 CM05SW450V46
 CM05SW450V48
 CM05SW450V50

**Vertical .450 Gulls
Inv () OE Pinout**

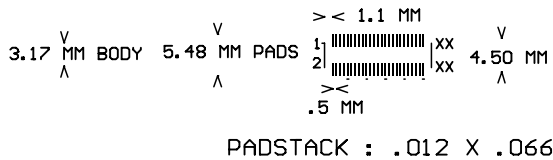
CM05SW45_V : HELP
 CM05SW45_V2
 CM05SW45_V4
 CM05SW45_V6
 CM05SW45_V8
 CM05SW45_V10
 CM05SW45_V12
 CM05SW45_V14
 CM05SW45_V16
 CM05SW45_V18
 CM05SW45_V20
 CM05SW45_V22
 CM05SW45_V24
 CM05SW45_V26
 CM05SW45_V28
 CM05SW45_V30
 CM05SW45_V32
 CM05SW45_V34
 CM05SW45_V36
 CM05SW45_V38
 CM05SW45_V40
 CM05SW45_V42
 CM05SW45_V44
 CM05SW45_V46
 CM05SW45_V48
 CM05SW45_V50

CONM05SW : .5 MM SM WALLED CONNECTORS

CM05SW450V : CON .5 MM SM WALLED 4.50 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



CM05SW45_U : CON .5 MM SM WALLED 4.50 MM GULLS INV VERT
 : INVERSE (<_>) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM05SW LIBRARY | |
| CONM05SW.LIB | | CONM05SW-1 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M08 | = | 0.8 mm pitch |
| S | = | Surface mount |
| B | = | Block style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical 4.60 Gulls
OE Pinout**

| | |
|-------------------|--------------|
| CM08SB460V : HELP | CM08SB460V70 |
| CM08SB460V00 | CM08SB460V72 |
| CM08SB460V2 | CM08SB460V74 |
| CM08SB460V4 | CM08SB460V76 |
| CM08SB460V6 | CM08SB460V78 |
| CM08SB460V8 | CM08SB460V80 |
| CM08SB460V10 | CM08SB460V82 |
| CM08SB460V12 | CM08SB460V84 |
| CM08SB460V14 | CM08SB460V86 |
| CM08SB460V16 | CM08SB460V88 |
| CM08SB460V18 | CM08SB460V90 |
| CM08SB460V20 | CM08SB460V92 |
| CM08SB460V22 | CM08SB460V94 |
| CM08SB460V24 | CM08SB460V96 |
| CM08SB460V26 | CM08SB460V98 |
| CM08SB460V28 | |
| CM08SB460V30 | |
| CM08SB460V32 | |
| CM08SB460V34 | |
| CM08SB460V36 | |
| CM08SB460V38 | |
| CM08SB460V40 | |
| CM08SB460V42 | |
| CM08SB460V44 | |
| CM08SB460V46 | |
| CM08SB460V48 | |
| CM08SB460V50 | |
| CM08SB460V52 | |
| CM08SB460V54 | |
| CM08SB460V56 | |
| CM08SB460V58 | |
| CM08SB460V60 | |
| CM08SB460V62 | |
| CM08SB460V64 | |
| CM08SB460V66 | |
| CM08SB460V68 | |

**Vertical 4.60 Gulls
Inv () OE Pinout**

| | |
|-------------------|--------------|
| CM08SB46_V : HELP | CM08SB46_V70 |
| CM08SB46_V00 | CM08SB46_V72 |
| CM08SB46_V2 | CM08SB46_V74 |
| CM08SB46_V4 | CM08SB46_V76 |
| CM08SB46_V6 | CM08SB46_V78 |
| CM08SB46_V8 | CM08SB46_V80 |
| CM08SB46_V10 | CM08SB46_V82 |
| CM08SB46_V12 | CM08SB46_V84 |
| CM08SB46_V14 | CM08SB46_V86 |
| CM08SB46_V16 | CM08SB46_V88 |
| CM08SB46_V18 | CM08SB46_V90 |
| CM08SB46_V20 | CM08SB46_V92 |
| CM08SB46_V22 | CM08SB46_V94 |
| CM08SB46_V24 | CM08SB46_V96 |
| CM08SB46_V26 | CM08SB46_V98 |
| CM08SB46_V28 | |
| CM08SB46_V30 | |
| CM08SB46_V32 | |
| CM08SB46_V34 | |
| CM08SB46_V36 | |
| CM08SB46_V38 | |
| CM08SB46_V40 | |
| CM08SB46_V42 | |
| CM08SB46_V44 | |
| CM08SB46_V46 | |
| CM08SB46_V48 | |
| CM08SB46_V50 | |
| CM08SB46_V52 | |
| CM08SB46_V54 | |
| CM08SB46_V56 | |
| CM08SB46_V58 | |
| CM08SB46_V60 | |
| CM08SB46_V62 | |
| CM08SB46_V64 | |
| CM08SB46_V66 | |
| CM08SB46_V68 | |

**Vertical 5.60 Gulls
OE Pinout**

CM08SB560V : HELP
CM08SB560V4
CM08SB560V6
CM08SB560V8
CM08SB560V10
CM08SB560V12
CM08SB560V14
CM08SB560V16
CM08SB560V18
CM08SB560V20

**Vertical 5.60 Gulls
Inv () OE Pinout**

CM08SB56_V : HELP
CM08SB56_V4
CM08SB56_V6
CM08SB56_V8
CM08SB56_V10
CM08SB56_V12
CM08SB56_V14
CM08SB56_V16
CM08SB56_V18
CM08SB56_V20

**Vertical 6.40 Gulls
OE Pinout**

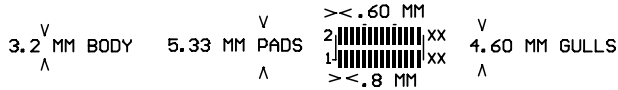
CM08SB640V : HELP
CM08SB640V4
CM08SB640V6
CM08SB640V8
CM08SB640V10
CM08SB640V12
CM08SB640V14
CM08SB640V16
CM08SB640V18
CM08SB640V20

**Vertical 6.40 Gulls
Inv () OE Pinout**

CM08SB64_V : HELP
CM08SB64_V4
CM08SB64_V6
CM08SB64_V8
CM08SB64_V10
CM08SB64_V12
CM08SB64_V14
CM08SB64_V16
CM08SB64_V18
CM08SB64_V20

CONM08SB : .8 MM SM BLOCK CONNECTORS

CM08SB460V : CON .8 MM SM BLOCK 4.60 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



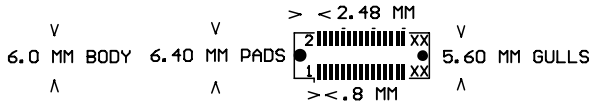
PADSTACK : .020 X .090

CM08SB46_U : CON .8 MM SM BLOCK 4.60 MM GULLS INV VERT
 : INVERSE (<_) ODD-EVEN PINOUT



PADSTACK : .020 X .090

CM08SB560V : CON .8 MM SM BLOCK 5.60 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



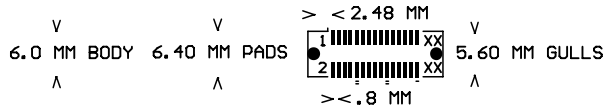
PADSTACK : .020 X .080

MOUNT : .047 HOLE / .068 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM08SB LIBRARY | |
| CONM08SB.LIB | | CONM08SB-1 |

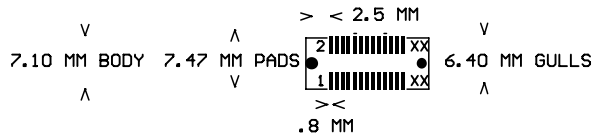
CONM08SB : .8 MM SM BLOCK CONNECTORS

CM08SB56_V : CON .8 MM SM BLOCK 5.60 MM GULLS INV VERT
 : INVERSE (_) ODD-EVEN PINOUT



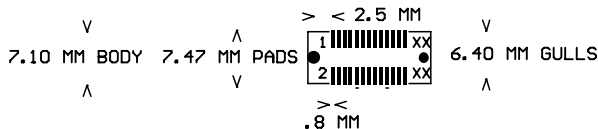
PADSTACK : .020 X .080
 MOUNT : .047 HOLE / .068 PAD

CM08SB640V : CON .8 MM SM BLOCK 6.40 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .020 X .094
 MOUNT : .031 HOLE / .052 PAD
 MOUNT : .047 HOLE / .068 PAD

CM08SB64_V : CON .8 MM SM BLOCK 6.40 MM GULLS INV VERT
 : INVERSE (_) ODD-EVEN PINOUT



PADSTACK : .020 X .094
 MOUNT : .031 HOLE / .052 PAD
 MOUNT : .047 HOLE / .068 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM08SB LIBRARY | |
| CONM08SB.LIB | | CONM08SB-2 |

| | | |
|--------|---|---------------------------------|
| C | = | Connector |
| M08 | = | 0.8 mm pitch |
| S | = | Surface mount |
| W | = | Walled / shrouded style |
| Number | = | Gulls or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical 4.30 Gulls
OE Pinout**

CM08SW430V : HELP
 CM08SW430V2
 CM08SW430V4
 CM08SW430V6
 CM08SW430V8
 CM08SW430V10
 CM08SW430V12
 CM08SW430V14
 CM08SW430V16
 CM08SW430V18
 CM08SW430V20
 CM08SW430V22
 CM08SW430V24
 CM08SW430V26
 CM08SW430V28
 CM08SW430V30
 CM08SW430V32
 CM08SW430V34
 CM08SW430V36
 CM08SW430V38
 CM08SW430V40
 CM08SW430V42
 CM08SW430V44
 CM08SW430V46
 CM08SW430V48
 CM08SW430V50

**Vertical 4.30 Gulls
Inv () OE Pinout**

CM08SW43_V : HELP
 CM08SW43_V2
 CM08SW43_V4
 CM08SW43_V6
 CM08SW43_V8
 CM08SW43_V10
 CM08SW43_V12
 CM08SW43_V14
 CM08SW43_V16
 CM08SW43_V18
 CM08SW43_V20
 CM08SW43_V22
 CM08SW43_V24
 CM08SW43_V26
 CM08SW43_V28
 CM08SW43_V30
 CM08SW43_V32
 CM08SW43_V34
 CM08SW43_V36
 CM08SW43_V38
 CM08SW43_V40
 CM08SW43_V42
 CM08SW43_V44
 CM08SW43_V46
 CM08SW43_V48
 CM08SW43_V50

**Vertical 4.50 Gulls
OE Pinout**

CM08SW450V : HELP
 CM08SW450V2
 CM08SW450V4
 CM08SW450V6
 CM08SW450V8
 CM08SW450V10
 CM08SW450V12
 CM08SW450V14
 CM08SW450V16
 CM08SW450V18
 CM08SW450V20
 CM08SW450V22
 CM08SW450V24
 CM08SW450V26
 CM08SW450V28
 CM08SW450V30
 CM08SW450V32
 CM08SW450V34
 CM08SW450V36
 CM08SW450V38
 CM08SW450V40
 CM08SW450V42
 CM08SW450V44
 CM08SW450V46
 CM08SW450V48
 CM08SW450V50

**Vertical 4.50 Gulls
Inv () OE Pinout**

CM08SW45_V : HELP
 CM08SW45_V2
 CM08SW45_V4
 CM08SW45_V6
 CM08SW45_V8
 CM08SW45_V10
 CM08SW45_V12
 CM08SW45_V14
 CM08SW45_V16
 CM08SW45_V18
 CM08SW45_V20
 CM08SW45_V22
 CM08SW45_V24
 CM08SW45_V26
 CM08SW45_V28
 CM08SW45_V30
 CM08SW45_V32
 CM08SW45_V34
 CM08SW45_V36
 CM08SW45_V38
 CM08SW45_V40
 CM08SW45_V42
 CM08SW45_V44
 CM08SW45_V46
 CM08SW45_V48
 CM08SW45_V50

**Vertical 5.20 Gulls
OE Pinout**

CM08SW520V : HELP
CM08SW520V2
CM08SW520V4
CM08SW520V6
CM08SW520V8
CM08SW520V10
CM08SW520V12
CM08SW520V14
CM08SW520V16
CM08SW520V18
CM08SW520V20
CM08SW520V22
CM08SW520V24
CM08SW520V26
CM08SW520V28
CM08SW520V30
CM08SW520V32
CM08SW520V34
CM08SW520V36
CM08SW520V38
CM08SW520V40
CM08SW520V42
CM08SW520V44
CM08SW520V46
CM08SW520V48
CM08SW520V50

**Vertical 5.20 Gulls
Inv () OE Pinout**

CM08SW52_V
CM08SW52_V2
CM08SW52_V4
CM08SW52_V6
CM08SW52_V8
CM08SW52_V10
CM08SW52_V12
CM08SW52_V14
CM08SW52_V16
CM08SW52_V18
CM08SW52_V20
CM08SW52_V22
CM08SW52_V24
CM08SW52_V26
CM08SW52_V28
CM08SW52_V30
CM08SW52_V32
CM08SW52_V34
CM08SW52_V36
CM08SW52_V38
CM08SW52_V40
CM08SW52_V42
CM08SW52_V44
CM08SW52_V46
CM08SW52_V48
CM08SW52_V50

**Vertical 5.60 Gulls
OE Pinout**

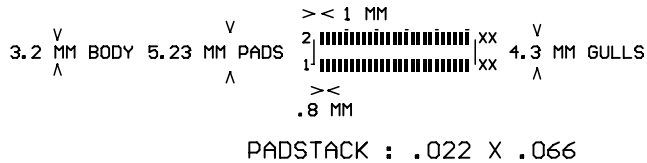
CM08SW560V : HELP
CM08SW560V10
CM08SW560V12
CM08SW560V14
CM08SW560V16
CM08SW560V18
CM08SW560V20
CM08SW560V40
CM08SW560V60
CM08SW560V80

**Vertical 5.60 Gulls
Inv () OE Pinout**

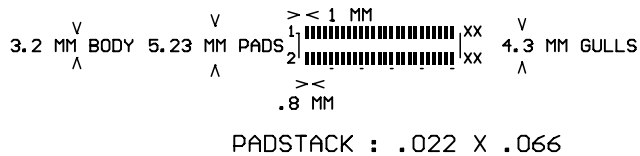
CM08SW56_V : HELP
CM08SW56_V10
CM08SW56_V12
CM08SW56_V14
CM08SW56_V16
CM08SW56_V18
CM08SW56_V20
CM08SW56_V40
CM08SW56_V60
CM08SW56_V80

CONM08SW : .8 MM SM WALLED CONNECTORS

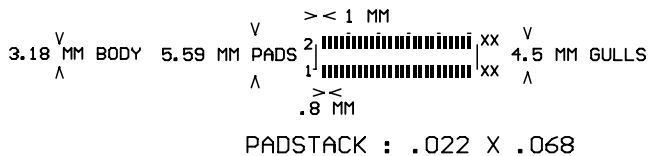
CM08SW430V : CON .8 MM SM WALLED 4.30 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



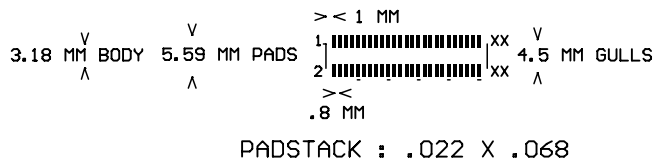
CM08SW43_V : CON .8 MM SM WALLED 4.30 MM GULLS INV VERT
 : INVERSE (<_) ODD-EVEN PINOUT



CM08SW450V : CON .8 MM SM WALLED 4.50 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



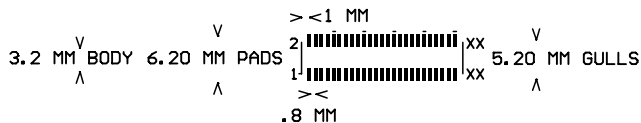
CM08SW45_V : CON .8 MM SM WALLED 4.50 MM GULLS INV VERT
 : INVERSE (<_) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM08SW LIBRARY | |
| CONM08SW.LIB | | CONM08SW-1 |

CONM08SW : .8 MM SM WALLED CONNECTORS

CM08SW520V : CON .8 MM SM WALLED 5.20 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT



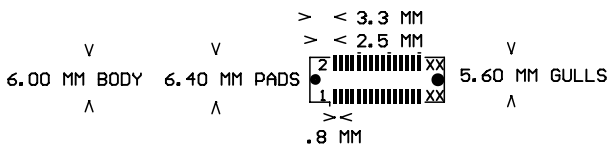
PADSTACK : .022 X .066

CM08SW52_U : CON .8 MM SM WALLED 5.20 MM GULLS INV VERT
: INVERSE () ODD-EVEN PINOUT



PADSTACK : .022 X .066

CM08SW560V : CON .8 MM SM WALLED 5.60 MM GULLS VERTICAL
: STANDARD ODD-EVEN PINOUT

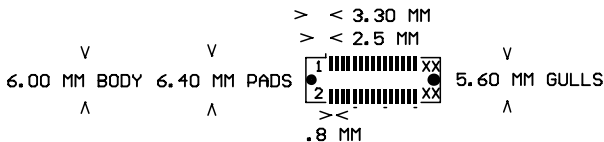


PADSTACK : .020 X .080

MOUNT : .031 HOLE / .052 PAD

MOUNT : .047 HOLE / .068 PAD

CM08SW56_U : CON .8 MM SM WALLED 5.60 MM GULLS INV VERT
: INVERSE () ODD-EVEN PINOUT



PADSTACK : .020 X .080

MOUNT : .031 HOLE / .052 PAD

MOUNT : .047 HOLE / .068 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM08SW LIBRARY | |
| CONM08SW.LIB | | CONM08SW-2 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M10 | = | 1.0 mm pitch |
| S | = | Surface mount |
| B | = | Block style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical 3.80 Gulls
OE Pinout**

CM10SB380V : HELP
 CM10SB380V2
 CM10SB380V4
 CM10SB380V6
 CM10SB380V8
 CM10SB380V10
 CM10SB380V12
 CM10SB380V14
 CM10SB380V16
 CM10SB380V18
 CM10SB380V20
 CM10SB380V22
 CM10SB380V24
 CM10SB380V26
 CM10SB380V28
 CM10SB380V30
 CM10SB380V32
 CM10SB380V34
 CM10SB380V36
 CM10SB380V38
 CM10SB380V40
 CM10SB380V42
 CM10SB380V44
 CM10SB380V46
 CM10SB380V48
 CM10SB380V50

**Vertical 3.80 Gulls
Inv () OE Pinout**

CM10SB38_V : HELP
 CM10SB38_V2
 CM10SB38_V4
 CM10SB38_V6
 CM10SB38_V8
 CM10SB38_V10
 CM10SB38_V12
 CM10SB38_V14
 CM10SB38_V16
 CM10SB38_V18
 CM10SB38_V20
 CM10SB38_V22
 CM10SB38_V24
 CM10SB38_V26
 CM10SB38_V28
 CM10SB38_V30
 CM10SB38_V32
 CM10SB38_V34
 CM10SB38_V36
 CM10SB38_V38
 CM10SB38_V40
 CM10SB38_V42
 CM10SB38_V44
 CM10SB38_V46
 CM10SB38_V48
 CM10SB38_V50

**Vertical 5.20 Gulls
OE Pinout**

CM10SB520V : HELP
 CM10SB520V2
 CM10SB520V4
 CM10SB520V6
 CM10SB520V8
 CM10SB520V10
 CM10SB520V12
 CM10SB520V14
 CM10SB520V16
 CM10SB520V18
 CM10SB520V20
 CM10SB520V22
 CM10SB520V24
 CM10SB520V26
 CM10SB520V28
 CM10SB520V30
 CM10SB520V32
 CM10SB520V34
 CM10SB520V36
 CM10SB520V38
 CM10SB520V40
 CM10SB520V42
 CM10SB520V44
 CM10SB520V46
 CM10SB520V48
 CM10SB520V50

**Vertical 5.20 Gulls
Inv () OE Pinout**

CM10SB52_V : HELP
 CM10SB52_V2
 CM10SB52_V4
 CM10SB52_V6
 CM10SB52_V8
 CM10SB52_V10
 CM10SB52_V12
 CM10SB52_V14
 CM10SB52_V16
 CM10SB52_V18
 CM10SB52_V20
 CM10SB52_V22
 CM10SB52_V24
 CM10SB52_V26
 CM10SB52_V28
 CM10SB52_V30
 CM10SB52_V32
 CM10SB52_V34
 CM10SB52_V36
 CM10SB52_V38
 CM10SB52_V40
 CM10SB52_V42
 CM10SB52_V44
 CM10SB52_V46
 CM10SB52_V48
 CM10SB52_V50

**Vertical 6.04 Gulls
OE Pinout**

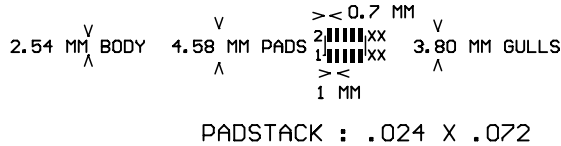
CM10SB604V : HELP
CM10SB604V20
CM10SB604V30
CM10SB604V40
CM10SB604V50
CM10SB604V60
CM10SB604V70

**Vertical 6.04 Gulls
Inv () OE Pinout**

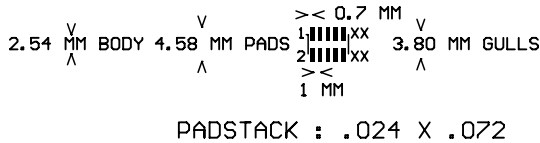
CM10SB60_V : HELP
CM10SB60_V20
CM10SB60_V30
CM10SB60_V40
CM10SB60_V50
CM10SB60_V60
CM10SB60_V70

CONM10SB : 1 MM SM BLOCK CONNECTORS

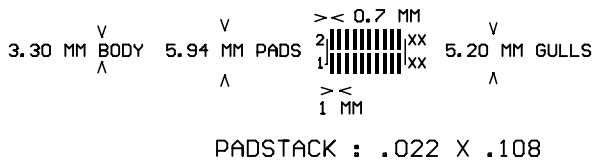
CM10SB380V : CON 1.0 MM SM BLOCK 3.80 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



CM10SB38_UV : CON 1.0 MM SM BLOCK 3.80 MM GULLS INV VERT
 : INVERSE (<_>) ODD-EVEN PINOUT



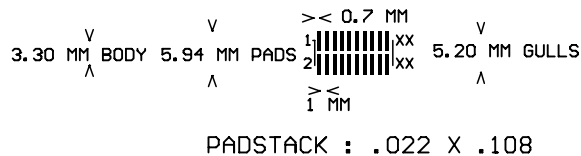
CM10SB520V : CON 1.0 MM SM BLOCK 5.20 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



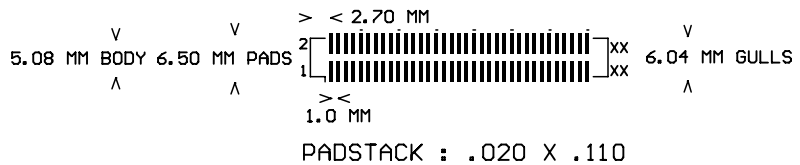
| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM10SB LIBRARY | |
| CONM10SB.LIB | | CONM10SB-1 |

CONM10SB : 1 MM SM BLOCK CONNECTORS

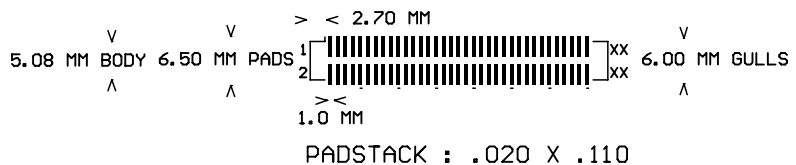
CM10SB52_U : CON 1.0 MM SM BLOCK 5.20 MM GULLS INV VERT
 : INVERSE (<_> ODD-EVEN PINOUT



CM10SB604V : CON 1.0 MM SM BLOCK 6.04 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



CM10SB60_U : CON 1.0 MM SM BLOCK 6.04 MM GULLS INV VERT
 : INVERSE (<_> ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM10SB LIBRARY | |
| CONM10SB | | CONM10SB-2 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M10 | = | 1.0 mm pitch |
| S | = | Surface mount |
| W | = | Walled / shrouded style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical 5.20 Gulls
OE Pinout**

CM10SW520V : HELP
 CM10SW520V2
 CM10SW520V4
 CM10SW520V6
 CM10SW520V8
 CM10SW520V10
 CM10SW520V12
 CM10SW520V14
 CM10SW520V16
 CM10SW520V18
 CM10SW520V20
 CM10SW520V22
 CM10SW520V24
 CM10SW520V26
 CM10SW520V28
 CM10SW520V30
 CM10SW520V32
 CM10SW520V34
 CM10SW520V36
 CM10SW520V38
 CM10SW520V40
 CM10SW520V42
 CM10SW520V44
 CM10SW520V46
 CM10SW520V48
 CM10SW520V50

**Vertical 5.20 Gulls
Inv (┘) OE Pinout**

CM10SW52_V : HELP
 CM10SW52_V2
 CM10SW52_V4
 CM10SW52_V6
 CM10SW52_V8
 CM10SW52_V10
 CM10SW52_V12
 CM10SW52_V14
 CM10SW52_V16
 CM10SW52_V18
 CM10SW52_V20
 CM10SW52_V22
 CM10SW52_V24
 CM10SW52_V26
 CM10SW52_V28
 CM10SW52_V30
 CM10SW52_V32
 CM10SW52_V34
 CM10SW52_V36
 CM10SW52_V38
 CM10SW52_V40
 CM10SW52_V42
 CM10SW52_V44
 CM10SW52_V46
 CM10SW52_V48
 CM10SW52_V50

**Vertical 6.04 Gulls
OE Pinout**

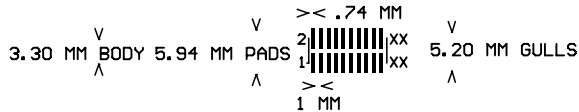
CM10SW604V : HELP
 CM10SW604V20
 CM10SW604V30
 CM10SW604V40
 CM10SW604V50
 CM10SW604V60
 CM10SW604V70

**Vertical 6.04 Gulls
Inv (┘) OE Pinout**

CM10SW60_V : HELP
 CM10SW60_V20
 CM10SW60_V30
 CM10SW60_V40
 CM10SW60_V50
 CM10SW60_V60
 CM10SW60_V70

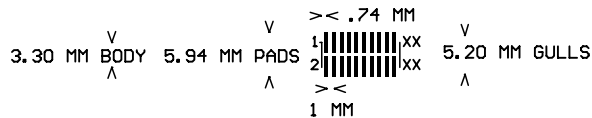
CONM10SW : 1 MM SM WALLED CONNECTORS

CM10SW520V : CON 1.0 MM SM WALLED 5.20 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .022 X .108

CM10SW52_UV : CON 1.0 MM SM WALLED 5.20 MM GULLS INV VERT
 : INVERSE (<_> ODD-EVEN PINOUT



PADSTACK : .022 X .108

CM10SW604V : CON 1.0 MM SM WALLED 6.04 MM GULLS VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .020 X .110

CM10SW60_UV : CON 1.0 MM SM WALLED 6.04 MM GULLS INV VERT
 : INVERSE (<_> ODD-EVEN PINOUT



PADSTACK : .020 X .110

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM10SW LIBRARY | |
| CONM10SW.LIB | | CONM10SW-1 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M20 | = | 2.0 mm pitch |
| S | = | Surface mount |
| B | = | Block style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle 9.25 Wide
Single-in-line**

CM20SB925R : HELP
 CM20SB925R2
 CM20SB925R3
 CM20SB925R4
 CM20SB925R5
 CM20SB925R6
 CM20SB925R7
 CM20SB925R8
 CM20SB925R9
 CM20SB925R10
 CM20SB925R11
 CM20SB925R12
 CM20SB925R13
 CM20SB925R14
 CM20SB925R15
 CM20SB925R16
 CM20SB925R17
 CM20SB925R18
 CM20SB925R19
 CM20SB925R20
 CM20SB925R21
 CM20SB925R22
 CM20SB925R23
 CM20SB925R24
 CM20SB925R25
 CM20SB925R26
 CM20SB925R27
 CM20SB925R28
 CM20SB925R29
 CM20SB925R30
 CM20SB925R31
 CM20SB925R32
 CM20SB925R33
 CM20SB925R34
 CM20SB925R35
 CM20SB925R36

CM20SB925R37
 CM20SB925R38
 CM20SB925R39
 CM20SB925R40
 CM20SB925R41
 CM20SB925R42
 CM20SB925R43
 CM20SB925R44
 CM20SB925R45
 CM20SB925R46
 CM20SB925R47
 CM20SB925R48
 CM20SB925R49
 CM20SB925R50

**Rt. Angle 11.3 Wide
OE Pinout**

CM20SB113R : HELP
 CM20SB113R00
 CM20SB113R4
 CM20SB113R6
 CM20SB113R8
 CM20SB113R10
 CM20SB113R12
 CM20SB113R14
 CM20SB113R16
 CM20SB113R18
 CM20SB113R20
 CM20SB113R22
 CM20SB113R24
 CM20SB113R26
 CM20SB113R28
 CM20SB113R30
 CM20SB113R32
 CM20SB113R34
 CM20SB113R36
 CM20SB113R38
 CM20SB113R40
 CM20SB113R42
 CM20SB113R44
 CM20SB113R46
 CM20SB113R48
 CM20SB113R50
 CM20SB113R52
 CM20SB113R54
 CM20SB113R56
 CM20SB113R58
 CM20SB113R60
 CM20SB113R62
 CM20SB113R64
 CM20SB113R70
 CM20SB113R80
 CM20SB113R90

**Rt. Angle 11.3 Wide
Inv () OE Pinout**

CM20SB11_R : HELP
 CM20SB11_R00
 CM20SB11_R4
 CM20SB11_R6
 CM20SB11_R8
 CM20SB11_R10
 CM20SB11_R12
 CM20SB11_R14
 CM20SB11_R16
 CM20SB11_R18
 CM20SB11_R20
 CM20SB11_R22
 CM20SB11_R24
 CM20SB11_R26
 CM20SB11_R28
 CM20SB11_R30
 CM20SB11_R32
 CM20SB11_R34
 CM20SB11_R36
 CM20SB11_R38
 CM20SB11_R40
 CM20SB11_R42
 CM20SB11_R44
 CM20SB11_R46
 CM20SB11_R48
 CM20SB11_R50
 CM20SB11_R52
 CM20SB11_R54
 CM20SB11_R56
 CM20SB11_R58
 CM20SB11_R60
 CM20SB11_R62
 CM20SB11_R64
 CM20SB11_R70
 CM20SB11_R80
 CM20SB11_R90

**Vertical 4.50 Gulls
Single-in-line**

CM20SB450V : HELP
CM20SB450V1
CM20SB450V2
CM20SB450V3
CM20SB450V4
CM20SB450V5
CM20SB450V6
CM20SB450V7
CM20SB450V8
CM20SB450V9
CM20SB450V10
CM20SB450V11
CM20SB450V12
CM20SB450V13
CM20SB450V14
CM20SB450V15
CM20SB450V16
CM20SB450V17
CM20SB450V18
CM20SB450V19
CM20SB450V20
CM20SB450V21
CM20SB450V22
CM20SB450V23
CM20SB450V24
CM20SB450V25
CM20SB450V26
CM20SB450V27
CM20SB450V28
CM20SB450V29
CM20SB450V30
CM20SB450V31
CM20SB450V32
CM20SB450V33
CM20SB450V34
CM20SB450V35
CM20SB450V36
CM20SB450V37
CM20SB450V38
CM20SB450V39
CM20SB450V40
CM20SB450V41
CM20SB450V42
CM20SB450V43
CM20SB450V44
CM20SB450V45
CM20SB450V46
CM20SB450V47
CM20SB450V48
CM20SB450V49
CM20SB450V50

**Vertical 6.50 Gulls
OE Pinout**

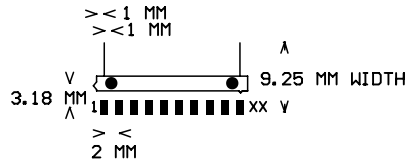
CM20SB650V : HELP
CM20SB650V00
CM20SB650V2
CM20SB650V4
CM20SB650V6
CM20SB650V8
CM20SB650V10
CM20SB650V12
CM20SB650V14
CM20SB650V16
CM20SB650V18
CM20SB650V20
CM20SB650V22
CM20SB650V24
CM20SB650V26
CM20SB650V28
CM20SB650V30
CM20SB650V32
CM20SB650V34
CM20SB650V36
CM20SB650V38
CM20SB650V40
CM20SB650V42
CM20SB650V44
CM20SB650V46
CM20SB650V48
CM20SB650V50
CM20SB650V52
CM20SB650V54
CM20SB650V56
CM20SB650V58
CM20SB650V60
CM20SB650V62
CM20SB650V64
CM20SB650V70
CM20SB650V80
CM20SB650V90

**Vertical 6.50 Gulls
Inv () OE Pinout**

CM20SB65_V : HELP
CM20SB65_V00
CM20SB65_V2
CM20SB65_V4
CM20SB65_V6
CM20SB65_V8
CM20SB65_V10
CM20SB65_V12
CM20SB65_V14
CM20SB65_V16
CM20SB65_V18
CM20SB65_V20
CM20SB65_V22
CM20SB65_V24
CM20SB65_V26
CM20SB65_V28
CM20SB65_V30
CM20SB65_V32
CM20SB65_V34
CM20SB65_V36
CM20SB65_V38
CM20SB65_V40
CM20SB65_V42
CM20SB65_V44
CM20SB65_V46
CM20SB65_V48
CM20SB65_V50
CM20SB65_V52
CM20SB65_V54
CM20SB65_V56
CM20SB65_V58
CM20SB65_V60
CM20SB65_V62
CM20SB65_V64
CM20SB65_V70
CM20SB65_V80
CM20SB65_V90

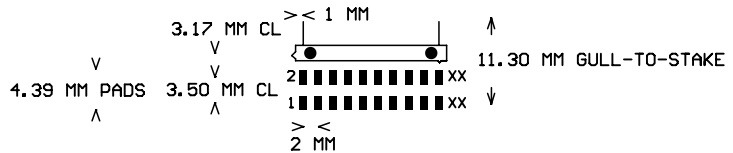
CONM20SB : 2 MM SM BLOCK CONNECTORS

CM20SB925R : CON 2 MM SM BLOCK 9.25 MM WIDE RTANG
 : STANDARD SEQUENTIAL PINOUT



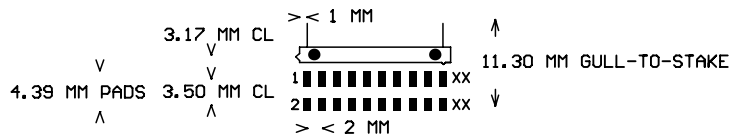
PADSTACK : .040 X .080
 MOUNT : .047 HOLE / .062 PAD

CM20SB113R : CON 2.0 MM SM BLOCK 11.30 MM WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .040 X .070
 PADSTACK : .040 X .080
 MOUNT : .047 HOLE / .062 PAD

CM20SB11_R : CON 2.0 MM SM BLOCK 11.30 MM WIDE INV RTANG
 : INVERSE () ODD-EVEN PINOUT

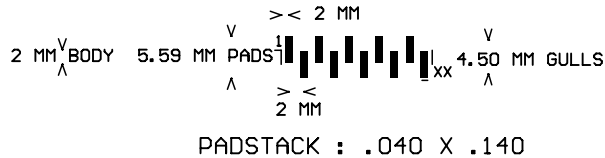


PADSTACK : .040 X .070
 PADSTACK : .040 X .080
 MOUNT : .047 HOLE / .062 PAD

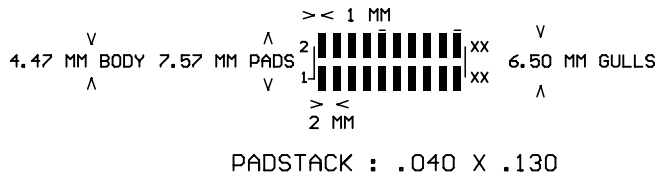
| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM20SB LIBRARY | |
| CONM20SB.LIB | | CONM20SB-1 |

CONM20SB : 2 MM SM BLOCK CONNECTORS

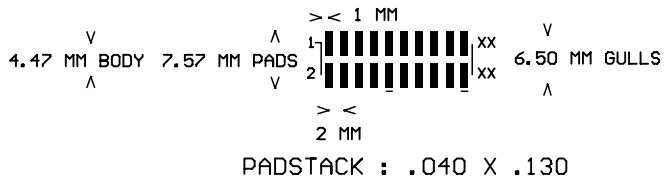
CM20SB450V : CON 2.0 MM SM BLOCK 4.50 MM GULLS VERTICAL
 : STANDARD SEQUENTIAL PINOUT



CM20SB650V : CON 2.0 MM SM BLOCK 6.50 MM WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



CM20SB65_V : CON 2.0 MM SM BLOCK 6.50 MM WIDE INV RTANG
 : INVERSE (<_>) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM20SB LIBRARY | |
| CONM20SB.LIB | | CONM20SB-2 |

| | | |
|--------|---|--------------------------------------|
| C | = | Connector |
| M20 | = | 2.0 mm pitch |
| S | = | Surface mount |
| L | = | Latching style |
| Number | = | Gull wings or right angle body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Vertical 8.89 Gulls
OE Pinout**

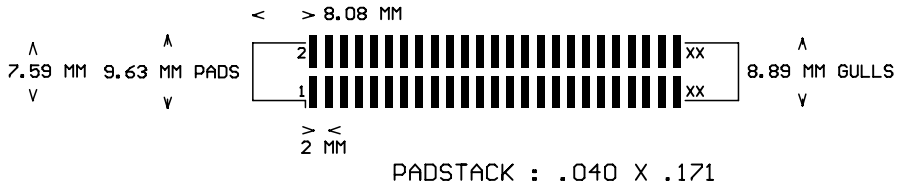
CM20SL889V : HELP
 CM20SL889V4
 CM20SL889V6
 CM20SL889V8
 CM20SL889V10
 CM20SL889V12
 CM20SL889V14
 CM20SL889V16
 CM20SL889V18
 CM20SL889V20
 CM20SL889V22
 CM20SL889V24
 CM20SL889V26
 CM20SL889V28
 CM20SL889V30
 CM20SL889V32
 CM20SL889V34
 CM20SL889V36
 CM20SL889V38
 CM20SL889V40
 CM20SL889V42
 CM20SL889V44
 CM20SL889V46
 CM20SL889V48
 CM20SL889V50

**Vertical 8.89 Gulls
Inv (⌋) OE Pinout**

CM20SL88_V : HELP
 CM20SL88_V4
 CM20SL88_V6
 CM20SL88_V8
 CM20SL88_V10
 CM20SL88_V12
 CM20SL88_V14
 CM20SL88_V16
 CM20SL88_V18
 CM20SL88_V20
 CM20SL88_V22
 CM20SL88_V24
 CM20SL88_V26
 CM20SL88_V28
 CM20SL88_V30
 CM20SL88_V32
 CM20SL88_V34
 CM20SL88_V36
 CM20SL88_V38
 CM20SL88_V40
 CM20SL88_V42
 CM20SL88_V44
 CM20SL88_V46
 CM20SL88_V48
 CM20SL88_V50

CONM2OSL : 2 MM SM LATCH CONNECTORS

CM2OSL889V : CON 2.0 MM SM LATCH 8.89 MM GULLS VERT
 : STANDARD ODD-EVEN PINOUT



CM2OSL88_V : CON 2.0 MM SM LATCH 8.89 MM GULLS INU VERT
 : INVERSE (<_>) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM2OSL LIBRARY | |
| CONM2OSL.LIB | | CONM2OSL-1 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| M20 | = | 2.0 mm pitch |
| T | = | Thru-hole mount |
| B | = | Block style |
| Number | = | Body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle 5.97 Wide
Single-in-line**

CM20TB597R : HELP
 CM20TB597R1
 CM20TB597R2
 CM20TB597R3
 CM20TB597R4
 CM20TB597R5
 CM20TB597R6
 CM20TB597R7
 CM20TB597R8
 CM20TB597R9
 CM20TB597R10
 CM20TB597R11
 CM20TB597R12
 CM20TB597R13
 CM20TB597R14
 CM20TB597R15
 CM20TB597R16
 CM20TB597R17
 CM20TB597R18
 CM20TB597R19
 CM20TB597R20
 CM20TB597R21
 CM20TB597R22
 CM20TB597R23
 CM20TB597R24
 CM20TB597R25
 CM20TB597R26
 CM20TB597R27
 CM20TB597R28
 CM20TB597R29
 CM20TB597R30
 CM20TB597R31
 CM20TB597R32
 CM20TB597R33
 CM20TB597R34
 CM20TB597R35

CM20TB597R36
 CM20TB597R37
 CM20TB597R38
 CM20TB597R39
 CM20TB597R40
 CM20TB597R41
 CM20TB597R42
 CM20TB597R43
 CM20TB597R44
 CM20TB597R45
 CM20TB597R46
 CM20TB597R47
 CM20TB597R48
 CM20TB597R49
 CM20TB597R50

**Rt. Angle 7.97 Wide
OE Pinout**

CM20TB797R : HELP
 CM20TB797R00
 CM20TB797R2
 CM20TB797R4
 CM20TB797R6
 CM20TB797R8
 CM20TB797R10
 CM20TB797R12
 CM20TB797R14
 CM20TB797R16
 CM20TB797R18
 CM20TB797R20
 CM20TB797R22
 CM20TB797R24
 CM20TB797R26
 CM20TB797R28
 CM20TB797R30
 CM20TB797R32
 CM20TB797R34
 CM20TB797R36
 CM20TB797R38
 CM20TB797R40
 CM20TB797R42
 CM20TB797R44
 CM20TB797R46
 CM20TB797R48
 CM20TB797R50
 CM20TB797R52
 CM20TB797R54
 CM20TB797R56
 CM20TB797R58
 CM20TB797R60
 CM20TB797R62
 CM20TB797R64
 CM20TB797R70
 CM20TB797R80
 CM20TB797R90

**Rt. Angle 7.97 Wide
Inv () OE Pinout**

CM20TB79_R : HELP
 CM20TB79_R00
 CM20TB79_R2
 CM20TB79_R4
 CM20TB79_R6
 CM20TB79_R8
 CM20TB79_R10
 CM20TB79_R12
 CM20TB79_R14
 CM20TB79_R16
 CM20TB79_R18
 CM20TB79_R20
 CM20TB79_R22
 CM20TB79_R24
 CM20TB79_R26
 CM20TB79_R28
 CM20TB79_R30
 CM20TB79_R32
 CM20TB79_R34
 CM20TB79_R36
 CM20TB79_R38
 CM20TB79_R40
 CM20TB79_R42
 CM20TB79_R44
 CM20TB79_R46
 CM20TB79_R48
 CM20TB79_R50
 CM20TB79_R52
 CM20TB79_R54
 CM20TB79_R56
 CM20TB79_R58
 CM20TB79_R60
 CM20TB79_R62
 CM20TB79_R64
 CM20TB79_R70
 CM20TB79_R80
 CM20TB79_R90

**Vertical 2.00 Wide
Single-in-line**

CM20TB200V : HELP
CM20TB200V1
CM20TB200V2
CM20TB200V3
CM20TB200V4
CM20TB200V5
CM20TB200V6
CM20TB200V7
CM20TB200V8
CM20TB200V9
CM20TB200V10
CM20TB200V11
CM20TB200V12
CM20TB200V13
CM20TB200V14
CM20TB200V15
CM20TB200V16
CM20TB200V17
CM20TB200V18
CM20TB200V19
CM20TB200V20
CM20TB200V21
CM20TB200V22
CM20TB200V23
CM20TB200V24
CM20TB200V25
CM20TB200V26
CM20TB200V27
CM20TB200V28
CM20TB200V29
CM20TB200V30
CM20TB200V31
CM20TB200V32
CM20TB200V33
CM20TB200V34
CM20TB200V35
CM20TB200V36
CM20TB200V37
CM20TB200V38
CM20TB200V39
CM20TB200V40
CM20TB200V41
CM20TB200V42
CM20TB200V43
CM20TB200V44
CM20TB200V45
CM20TB200V46
CM20TB200V47
CM20TB200V48
CM20TB200V49
CM20TB200V50

**Vertical 4.30 Wide
OE Pinout**

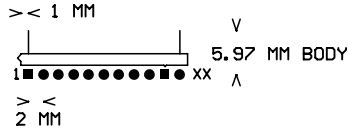
CM20TB430V : HELP
CM20TB430V2
CM20TB430V4
CM20TB430V6
CM20TB430V8
CM20TB430V10
CM20TB430V12
CM20TB430V14
CM20TB430V16
CM20TB430V18
CM20TB430V20
CM20TB430V22
CM20TB430V24
CM20TB430V26
CM20TB430V28
CM20TB430V30
CM20TB430V32
CM20TB430V34
CM20TB430V36
CM20TB430V38
CM20TB430V40
CM20TB430V42
CM20TB430V44
CM20TB430V46
CM20TB430V48
CM20TB430V50
CM20TB430V52
CM20TB430V54
CM20TB430V56
CM20TB430V58
CM20TB430V60
CM20TB430V62
CM20TB430V64

**Vertical 4.30 Wide
Inv () OE Pinout**

CM20TB43_V : HELP
CM20TB43_V2
CM20TB43_V4
CM20TB43_V6
CM20TB43_V8
CM20TB43_V10
CM20TB43_V12
CM20TB43_V14
CM20TB43_V16
CM20TB43_V18
CM20TB43_V20
CM20TB43_V22
CM20TB43_V24
CM20TB43_V26
CM20TB43_V28
CM20TB43_V30
CM20TB43_V32
CM20TB43_V34
CM20TB43_V36
CM20TB43_V38
CM20TB43_V40
CM20TB43_V42
CM20TB43_V44
CM20TB43_V46
CM20TB43_V48
CM20TB43_V50
CM20TB43_V52
CM20TB43_V54
CM20TB43_V56
CM20TB43_V58
CM20TB43_V60
CM20TB43_V62
CM20TB43_V64

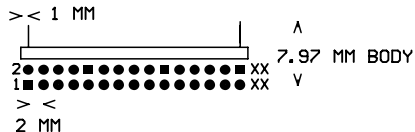
CONM20TB : 2 MM TM BLOCK CONNECTORS

CM20TB597R : CON 2.0 MM TM BLOCK 5.97 MM WIDE RTANG
 : STANDARD SEQUENTIAL PINOUT



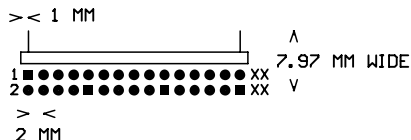
PADSTACK : .031 HOLE / .052 PAD

CM20TB797R : CON 2.0 MM TM BLOCK 7.97 MM WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

CM20TB79_R : CON 2.0 MM TM BLOCK 7.97 MM WIDE INV RTANG
 : INVERSE (<_) ODD-EVEN PINOUT

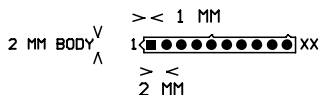


PADSTACK : .031 HOLE / .052 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM20TB LIBRARY | |
| CONM20TB.LIB | | CONM20TB-1 |

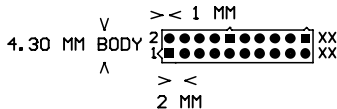
CONM20TB : 2 MM TM BLOCK CONNECTORS

CM20TB200V : CON 2.0 MM TM BLOCK 2.00 MM WIDE VERTICAL
 : STANDARD SEQUENTIAL PINOUT



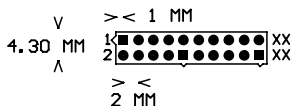
PADSTACK : .031 HOLE / .052 PAD

CM20TB430V : CON 2.0 MM TM BLOCK 4.30 MM WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

CM20TB43_V : CON 2.0 MM TM BLOCK 4.30 MM WIDE INVERT
 : INVERSE (<_>) ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM20TB LIBRARY | |
| CONM20TB.LIB | | CONM20TB-2 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| M20 | = | 2.0 mm pitch |
| T | = | Thru-hole mount |
| L | = | Latching style |
| Number | = | Body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle 15.92 Wide
OE Pinout**

CM20TL159R : HELP
 CM20TL159R4
 CM20TL159R6
 CM20TL159R8
 CM20TL159R10
 CM20TL159R12
 CM20TL159R14
 CM20TL159R16
 CM20TL159R18
 CM20TL159R20
 CM20TL159R22
 CM20TL159R24
 CM20TL159R26
 CM20TL159R28
 CM20TL159R30
 CM20TL159R32
 CM20TL159R34
 CM20TL159R36
 CM20TL159R38
 CM20TL159R40
 CM20TL159R42
 CM20TL159R44
 CM20TL159R46
 CM20TL159R48
 CM20TL159R50

**Rt. Angle 15.92 Wide
Inv () OE Pinout**

CM20TL15_R : HELP
 CM20TL15_R4
 CM20TL15_R6
 CM20TL15_R8
 CM20TL15_R10
 CM20TL15_R12
 CM20TL15_R14
 CM20TL15_R16
 CM20TL15_R18
 CM20TL15_R20
 CM20TL15_R22
 CM20TL15_R24
 CM20TL15_R26
 CM20TL15_R28
 CM20TL15_R30
 CM20TL15_R32
 CM20TL15_R34
 CM20TL15_R36
 CM20TL15_R38
 CM20TL15_R40
 CM20TL15_R42
 CM20TL15_R44
 CM20TL15_R46
 CM20TL15_R48
 CM20TL15_R50

**Vertical 7.62 Wide
OE Pinout**

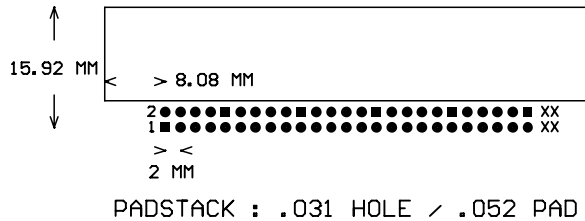
CM20TL762V : HELP
 CM20TL762V4
 CM20TL762V6
 CM20TL762V8
 CM20TL762V10
 CM20TL762V12
 CM20TL762V14
 CM20TL762V16
 CM20TL762V18
 CM20TL762V20
 CM20TL762V22
 CM20TL762V24
 CM20TL762V26
 CM20TL762V28
 CM20TL762V30
 CM20TL762V32
 CM20TL762V34
 CM20TL762V36
 CM20TL762V38
 CM20TL762V40
 CM20TL762V42
 CM20TL762V44
 CM20TL762V46
 CM20TL762V48
 CM20TL762V50

**Vertical 7.62 Wide
Inv () OE Pinout**

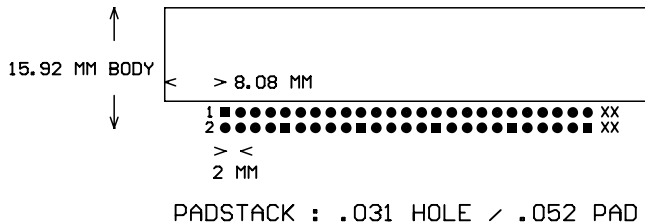
CM20TL76_V : HELP
 CM20TL76_V4
 CM20TL76_V6
 CM20TL76_V8
 CM20TL76_V10
 CM20TL76_V12
 CM20TL76_V14
 CM20TL76_V16
 CM20TL76_V18
 CM20TL76_V20
 CM20TL76_V22
 CM20TL76_V24
 CM20TL76_V26
 CM20TL76_V28
 CM20TL76_V30
 CM20TL76_V32
 CM20TL76_V34
 CM20TL76_V36
 CM20TL76_V38
 CM20TL76_V40
 CM20TL76_V42
 CM20TL76_V44
 CM20TL76_V46
 CM20TL76_V48
 CM20TL76_V50

CONM20TL : 2 MM TM LATCH CONNECTORS

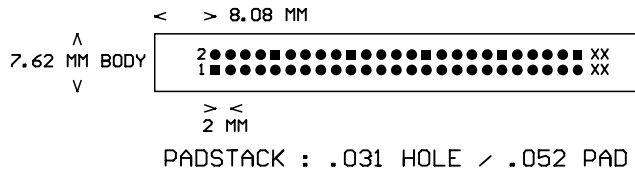
CM20TL159R : CON 2.0 MM TM LATCHING 15.92 MM WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



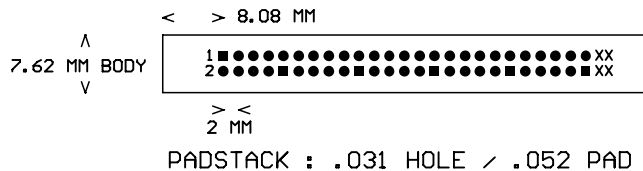
CM20TL15_R : CON 2.0 MM TM LATCHING 15.92 MM WIDE INV RT
 : INVERSE (<_) ODD-EVEN PINOUT



CM20TL762V : CON 2.0 MM TM LATCHING 7.62 MM WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



CM20TL76_V : CON 2.0 MM TM LATCHING 7.62 MM WIDE INV VERT
 : INVERSE (<_) ODD-EVEN PINOUT



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM20TL LIBRARY | |
| CONM20TL.LIB | | CONM20TL-1 |

| | | |
|--------|---|-------------------------|
| C | = | Connector |
| M20 | = | 2.0 mm pitch |
| T | = | Thru-hole mount |
| W | = | Walled / shrouded style |
| Number | = | Body width |
| R, V | = | Right angle or Vertical |
| Number | = | Pin count |

**Rt. Angle 8.35 Wide
OE Pinout**

CM20TW835R : HELP
 CM20TW835R00
 CM20TW835R2
 CM20TW835R4
 CM20TW835R6
 CM20TW835R8
 CM20TW835R10
 CM20TW835R12
 CM20TW835R14
 CM20TW835R16
 CM20TW835R18
 CM20TW835R20
 CM20TW835R22
 CM20TW835R24
 CM20TW835R26
 CM20TW835R28
 CM20TW835R30
 CM20TW835R32
 CM20TW835R34
 CM20TW835R36
 CM20TW835R38
 CM20TW835R40
 CM20TW835R42
 CM20TW835R44
 CM20TW835R46
 CM20TW835R48
 CM20TW835R50
 CM20TW835R52
 CM20TW835R54
 CM20TW835R56
 CM20TW835R58
 CM20TW835R60
 CM20TW835R62
 CM20TW835R64
 CM20TW835R70
 CM20TW835R80
 CM20TW835R90

**Rt. Angle 8.35 Wide
Inv (L) OE Pinout**

CM20TW83_R : HELP
 CM20TW83_R00
 CM20TW83_R2
 CM20TW83_R4
 CM20TW83_R6
 CM20TW83_R8
 CM20TW83_R10
 CM20TW83_R12
 CM20TW83_R14
 CM20TW83_R16
 CM20TW83_R18
 CM20TW83_R20
 CM20TW83_R22
 CM20TW83_R24
 CM20TW83_R26
 CM20TW83_R28
 CM20TW83_R30
 CM20TW83_R32
 CM20TW83_R34
 CM20TW83_R36
 CM20TW83_R38
 CM20TW83_R40
 CM20TW83_R42
 CM20TW83_R44
 CM20TW83_R46
 CM20TW83_R48
 CM20TW83_R50
 CM20TW83_R52
 CM20TW83_R54
 CM20TW83_R56
 CM20TW83_R58
 CM20TW83_R60
 CM20TW83_R62
 CM20TW83_R64
 CM20TW83_R70
 CM20TW83_R80
 CM20TW83_R90

**Vertical 6.00 Wide
OE Pinout**

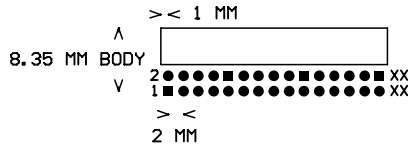
CM20TW600V : HELP
 CM20TW600V00
 CM20TW600V2
 CM20TW600V4
 CM20TW600V6
 CM20TW600V8
 CM20TW600V10
 CM20TW600V12
 CM20TW600V14
 CM20TW600V16
 CM20TW600V18
 CM20TW600V20
 CM20TW600V22
 CM20TW600V24
 CM20TW600V26
 CM20TW600V28
 CM20TW600V30
 CM20TW600V32
 CM20TW600V34
 CM20TW600V36
 CM20TW600V38
 CM20TW600V40
 CM20TW600V42
 CM20TW600V44
 CM20TW600V46
 CM20TW600V48
 CM20TW600V50
 CM20TW600V52
 CM20TW600V54
 CM20TW600V56
 CM20TW600V58
 CM20TW600V60
 CM20TW600V62
 CM20TW600V64
 CM20TW600V70
 CM20TW600V80
 CM20TW600V90

**Vertical 6.00 Wide
Inv (L) OE Pinout**

CM20TW60_V : HELP
 CM20TW60_V00
 CM20TW60_V2
 CM20TW60_V4
 CM20TW60_V6
 CM20TW60_V8
 CM20TW60_V10
 CM20TW60_V12
 CM20TW60_V14
 CM20TW60_V16
 CM20TW60_V18
 CM20TW60_V20
 CM20TW60_V22
 CM20TW60_V24
 CM20TW60_V26
 CM20TW60_V28
 CM20TW60_V30
 CM20TW60_V32
 CM20TW60_V34
 CM20TW60_V36
 CM20TW60_V38
 CM20TW60_V40
 CM20TW60_V42
 CM20TW60_V44
 CM20TW60_V46
 CM20TW60_V48
 CM20TW60_V50
 CM20TW60_V52
 CM20TW60_V54
 CM20TW60_V56
 CM20TW60_V58
 CM20TW60_V60
 CM20TW60_V62
 CM20TW60_V64
 CM20TW60_V70
 CM20TW60_V80
 CM20TW60_V90

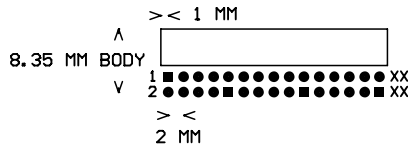
CONM20TW : 2 MM TM WALLED CONNECTORS

CM20TW835R : CON 2.0 MM TM WALLED 8.35 MM WIDE RTANG
 : STANDARD ODD-EVEN PINOUT



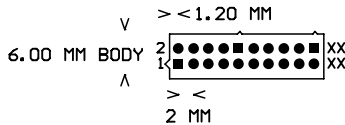
PADSTACK : .031 HOLE / .052 PAD

CM20TW83_R : CON 2.0 MM TM WALLED 8.35 MM WIDE INV RTANG
 : INVERSE (<_>) ODD-EVEN PINOUT



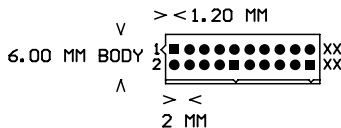
PADSTACK : .031 HOLE / .052 PAD

CM20TW600V : CON 2.0 MM TM WALLED 6.00 MM WIDE VERTICAL
 : STANDARD ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

CM20TW60_V : CON 2.0 MM TM WALLED 6.00 MM WIDE INV VERT
 : INVERSE (<_>) ODD-EVEN PINOUT



PADSTACK : .031 HOLE / .052 PAD

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | CONM20TW LIBRARY | |
| CONM20TW.LIB | | CONM20TW-1 |

CONRF.LIB

| | | |
|----------------|---|-------------------------|
| RF | = | RF Connectors |
| BNC, SMA, | = | Style |
| R, V | = | Right angle or Vertical |
| Number | = | Right angle length |

RF Connectors

RF/BNC/R1350
RF/BNC/V

RF/OSMT

RF/SMA/R425
RF/SMA/R725
RF/SMA/V

RF/SMB/R475
RF/SMB/V

RF/SSMB/R325
RF/SSMB/V

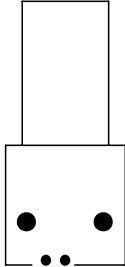
RF/TNC/R1350
RF/TNC/V

CONRF : RF CONNECTORS

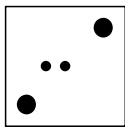
BNC

PADSTACK : .035 HOLE / .057 PAD
MOUNTING : .079 HOLE / .100 PAD

RF/BNC/R1350



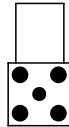
RF/BNC/U



SMB

PADSTACK : .050 HOLE / .071 PAD
MOUNTING : .067 HOLE / .088 PAD

RF/SMB/R475



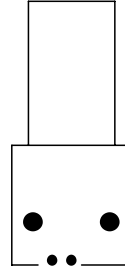
RF/SMB/U



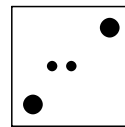
TNC

PADSTACK : .035 HOLE / .057 PAD
MOUNTING : .079 HOLE / .100 PAD

RF/TNC/R1350



RF/TNC/U



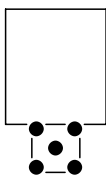
SMA

PADSTACK : .054 HOLE / .075 PAD

RF/SMA/R425



RF/SMA/R725



RF/SMA/U



SSMB

PADSTACK : .035 HOLE / .057 PAD

RF/SSMB/R325

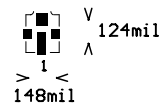


RF/SSMB/U



OSMT

RF/OSMT



PAD 1 : .050 X .102
PADS 2,4 : .050 X .050
PAD 3 : .060 X .070

REVISION 7.00

RF CONNECTOR LIBRARY

CONRF.LIB

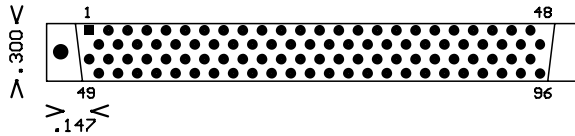
CONRF-1

| | | |
|----------|---|-------------------------|
| SBUS | = | SBUS |
| /VP, /VS | = | Vertical Plug or Socket |
| Number | = | Pin count |

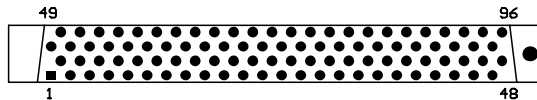
SBUS/VP96
SBUS/VS96

SBUS PLUG & SOCKET CONNECTORS

SBUS/VP/96



SBUS/VS/96



PADSTACK : .028 HOLE \angle .058 PAD
 ALIGNMENT : .062 HOLE \angle .082 PAD

| | | |
|---------------|------------------------|-----------|
| REVISION 6.80 | SBUS CONNECTOR LIBRARY | |
| CONSBUS.LIB | | CONSBUS-1 |

| | | |
|--------|---|---------------------------|
| C | = | Connector |
| TEL | = | Telephone jack |
| S | = | Surface mount |
| Number | = | Mounting hole to PCB edge |
| R | = | Right angle |
| Number | = | Pin count |

.310 Depth Jacks

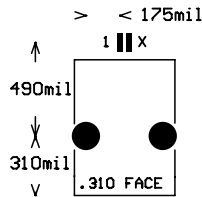
CTELS310R : HELP
CTELS310R6A2
CTELS310R6A4
CTELS310R6X2
CTELS310R6X4
CTELS310R6X6
CTELS310R8A6
CTELS310R8X6
CTELS310R8X8

.420 Depth Jacks

CTELS420R : HELP
CTELS420R6A2
CTELS420R6A4
CTELS420R6X2
CTELS420R6X4
CTELS420R6X6
CTELS420R8A6
CTELS420R8X6
CTELS420R8X8

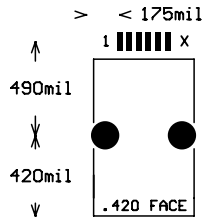
CONTELS : SM TELEPHONE JACKS

CTELS310R : CON .310 TELE SM JACKS RTANG
 : STANDARD PINOUT



PADSTACK : .032 X .100
 MOUNT : .128 HOLE / .150 PAD

CTELS420R : CON .420 TELE SM JACKS RTANG
 : STANDARD PINOUT



PADSTACK : .032 X .100
 MOUNT : .128 HOLE / .150 PAD

| | | |
|---------------|-----------------|-----------|
| REVISION 7.00 | CONTELS LIBRARY | |
| CONTELS.LIB | | CONTELS-1 |

| | | |
|--------|---|---------------------------|
| C | = | Connector |
| TEL | = | Telephone jack |
| T | = | Thru-hole |
| Number | = | Mounting hole to PCB edge |
| R | = | Right angle |
| Number | = | Pin count |

.310 Depth Jacks

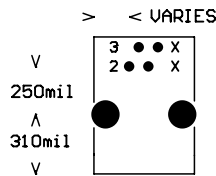
CTELT310R : HELP
CTELT310R6A2
CTELT310R6A4
CTELT310R6X2
CTELT310R6X4
CTELT310R6X6
CTELT310R8A6
CTELT310R8X6
CTELT310R8X8

.420 Depth Jacks

CTELT420R : HELP
CTELT420R6A2
CTELT420R6A4
CTELT420R6X2
CTELT420R6X4
CTELT420R6X6
CTELT420R8A6
CTELT420R8X6
CTELT420R8X8

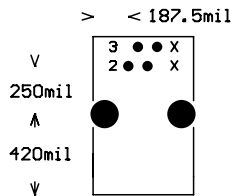
CONTELT : TM TELEPHONE JACKS

CTELT310R : CON .310 TM TELEPHONE JACKS RTANG
 : STANDARD PINOUT



PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .128 HOLE / .150 PAD

CTELT420R : CON .420 TM TELEPHONE JACKS RTANG
 : STANDARD PINOUT



PADSTACK : .034 HOLE / .055 PAD
 MOUNT : .128 HOLE / .150 PAD

| | | |
|---------------|-----------------|-----------|
| REVISION 7.00 | CONTELT LIBRARY | |
| CONTELT.LIB | | CONTELT-1 |

| | | |
|--------|---|----------------------------|
| DIM | = | Dual In-line Memory Module |
| 8B | = | 8-Byte style |
| 050 | = | 50 mil Pitch |
| V | = | Vertical |
| 2X | = | Dual |
| Number | = | Pin count |

BOARDBLANKS : Refer to last section

8-Byte Style

Standard Dual

Standard

DIM8B050V168

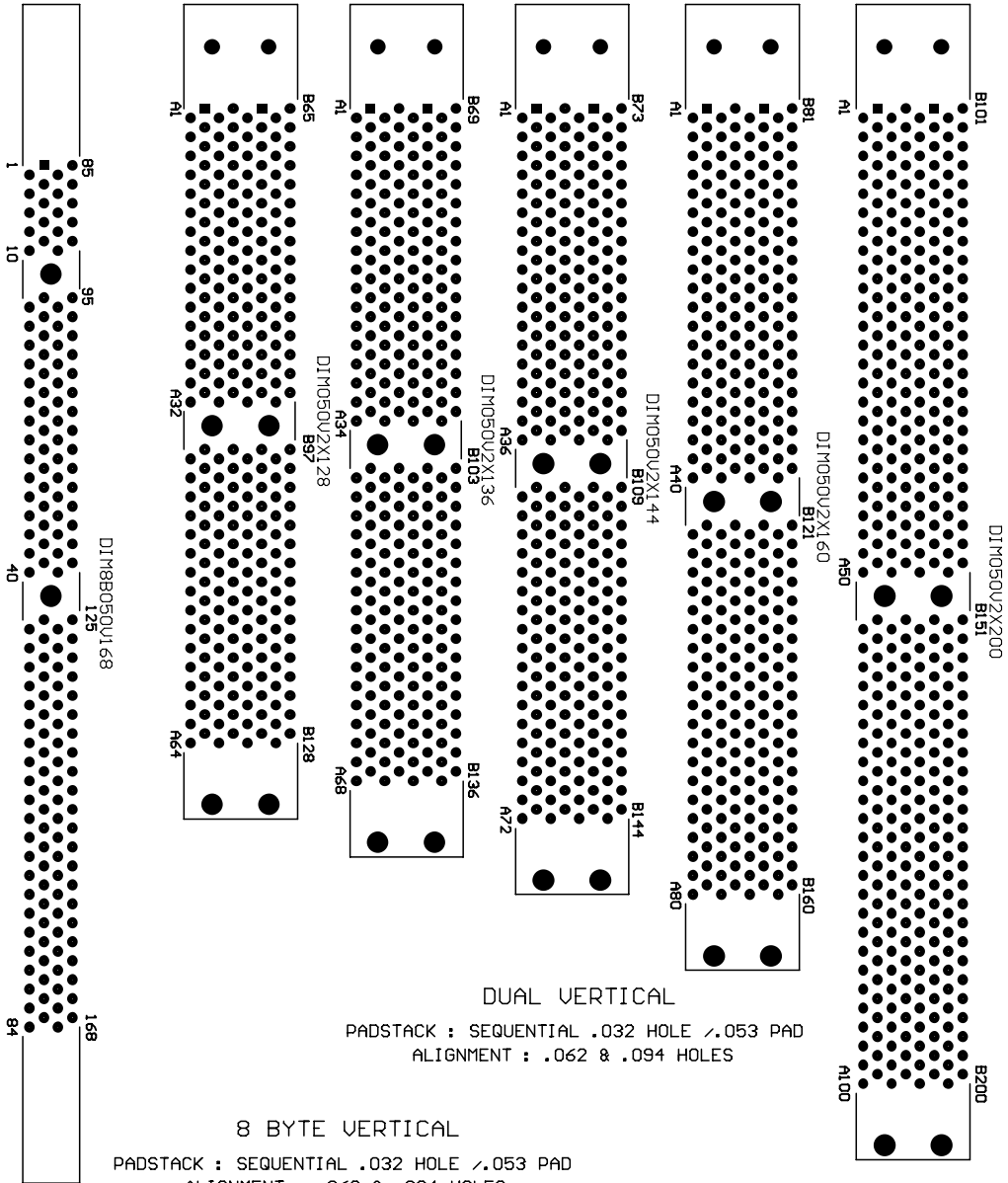
DIM050V2X128
DIM050V2X136
DIM050V2X144
DIM050V2X160
DIM050V2X200

DIM050V104
DIM050V128
DIM050V136
DIM050V144
DIM050V160
DIM050V200

DIMM .050 SOCKETS

8 BYTE DIMM

DUAL STANDARD FORM



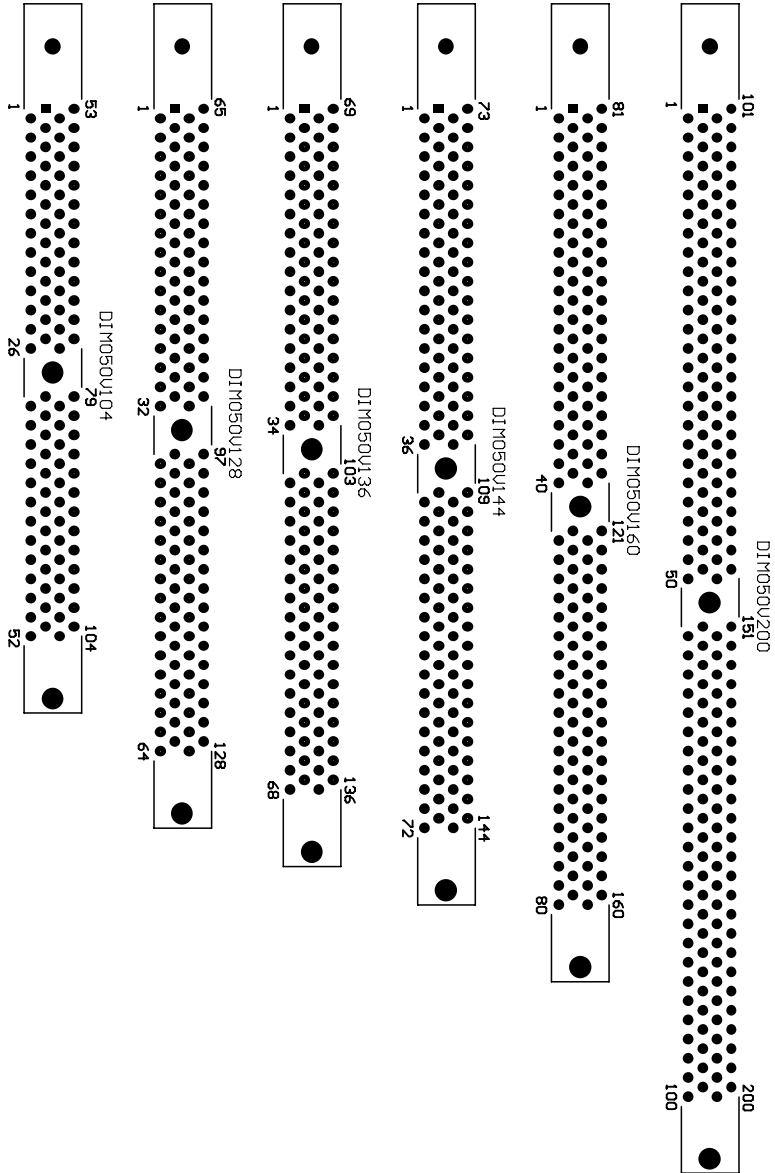
| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | DIMM .050 LIBRARY | |
| DIMM050.LIB | | DIMM050-1 |

DIMM .050 SOCKETS

STANDARD VERTICAL FORM

PADSTACK : SEQUENTIAL .032 HOLE $\sqrt{.053}$ PAD

ALIGNMENT : .063 & .094 HOLES



| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | DIMM .050 LIBRARY | |
| DIMM050.LIB | | DIMM050-2 |

DIMM050E.LIB

| | | |
|--------|---|----------------------------|
| DIM | = | Dual In-line Memory Module |
| 8B | = | 8-Byte style |
| 050 | = | 50 mil Pitch |
| E | = | Edge fingers |
| Number | = | Pin count |

| | | |
|-------------|---|-----------------------|
| BOARDBLANKS | : | Refer to last section |
|-------------|---|-----------------------|

8-Byte Style

DIM8B050E168

Standard Style

DIM050E128

DIM050E136

DIM050E144

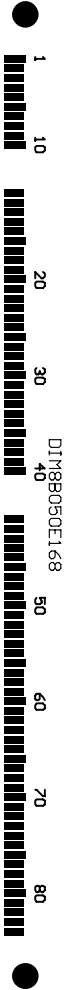
DIM050E160

DIM050E200

DIMM .050 EDGE FINGERS

8 BYTE EDGE FINGERS

PADSTACK : SEQUENTIAL .040 WIDE
MOUNTING : .118 HOLE



DIMM050E168

STANDARD EDGE FINGERS

PADSTACK : SEQUENTIAL .040 WIDE
MOUNTING : .125 HOLE



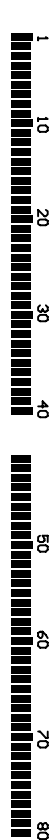
DIMM050E128



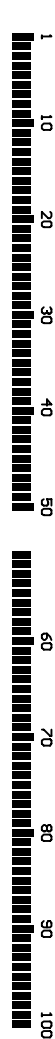
DIMM050E136



DIMM050E144



DIMM050E160



DIMM050E200

| | | |
|---------------|------------------------|------------|
| REVISION 7.00 | DIMM .050 EDGE LIBRARY | |
| DIMM050E.LIB | | DIMM050E-1 |

| | | |
|-------------|---|----------------------------|
| DIMM | = | Dual In-line Memory Module |
| M08 | = | .8 mm pitch |
| R | = | Right angle |
| Number | = | Pin count |
| BOARDBLANKS | : | Refer to last section |

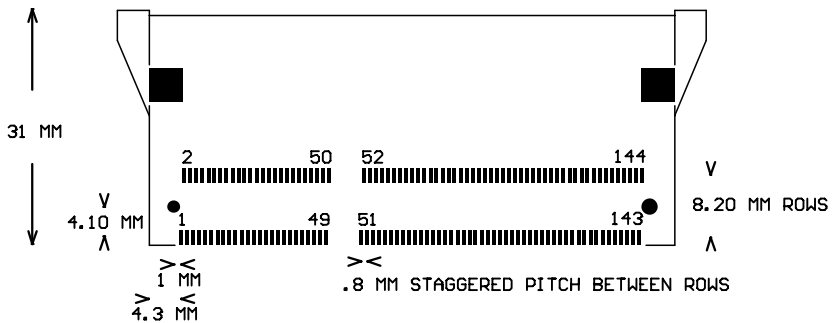
Rt. Angle

DIMMM08R : HELP

DIMMM08R144

DIMMM08S : .8 MM DIMM SOCKET

DIMMM08SR : DIMM .8 MM SM LOW PROFILE RTANG SOCKET
 : STAGGERED ROWS, ODD-EVEN PINOUT



PADSTACK : .020 X .080
 ALIGN : .043 AND .063 HOLES
 ZONE PADS : .179 X .181

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | DIMMM08S LIBRARY | |
| DIMMM08S.LIB | | DIMMM08S-1 |

DIP100.LIB

| | | |
|------------------|---|----------------------------------|
| DIP | = | Dual In-line Package |
| Number | = | Pin count |
| .Number x Number | = | Width in inches x Length in mils |

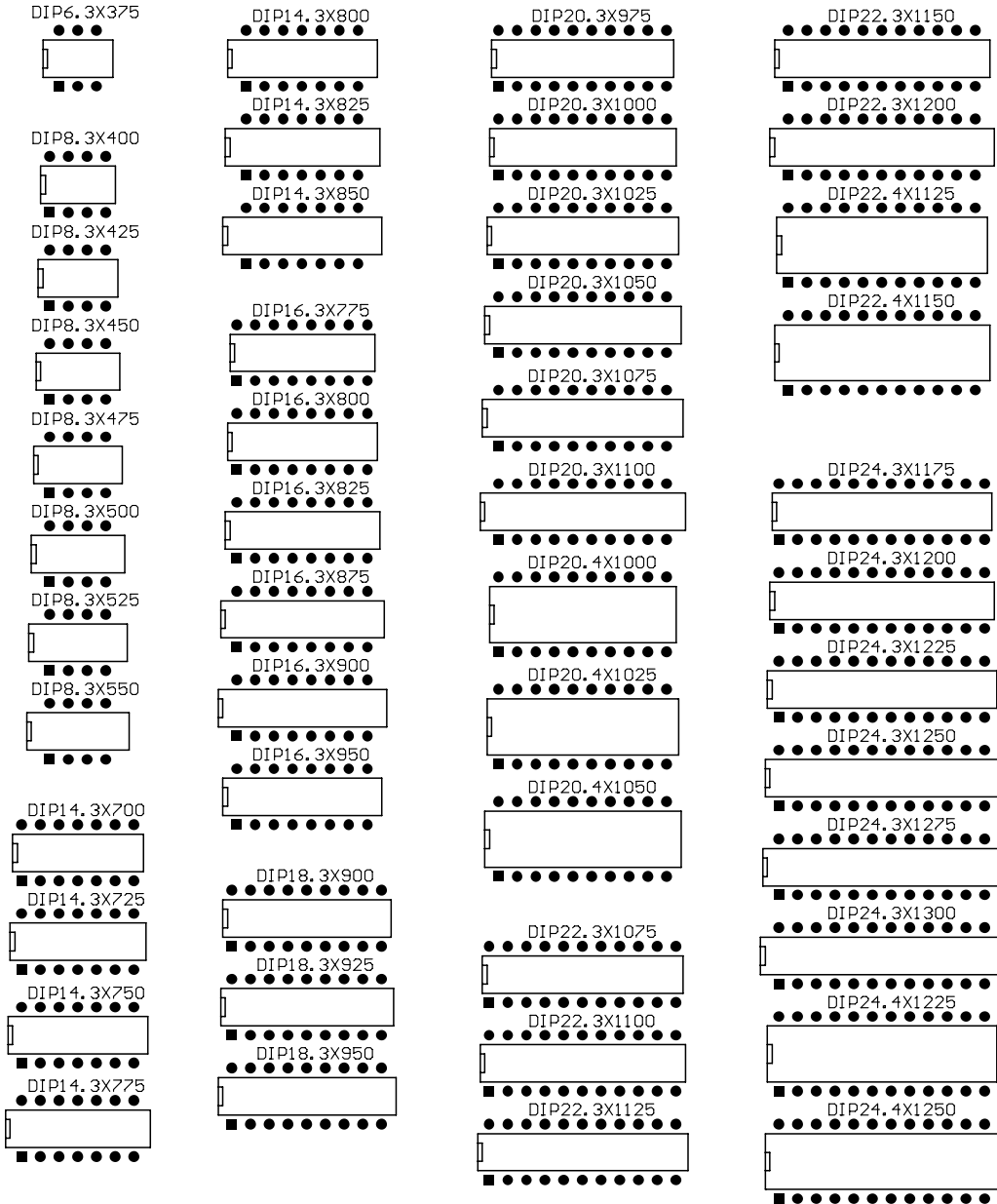
DIP .100

| | | |
|--------------|--------------|--------------|
| | DIP22.3X1075 | DIP32.3X1600 |
| | DIP22.3X1100 | DIP32.3X1625 |
| DIP6.3X375 | DIP22.3X1125 | DIP32.6X1600 |
| | DIP22.3X1150 | DIP32.6X1625 |
| DIP8.3X400 | DIP22.3X1200 | DIP32.6X1650 |
| DIP8.3X425 | DIP22.4X1125 | DIP32.6X1675 |
| DIP8.3X450 | DIP22.4X1150 | DIP32.6X1700 |
| DIP8.3X475 | | |
| DIP8.3X500 | DIP24.3X1175 | DIP36.6X1825 |
| DIP8.3X525 | DIP24.3X1200 | DIP36.6X1850 |
| DIP8.3X550 | DIP24.3X1225 | DIP36.9X1800 |
| | DIP24.3X1250 | |
| DIP14.3X700 | DIP24.3X1275 | DIP40.6X2025 |
| DIP14.3X725 | DIP24.3X1300 | DIP40.6X2050 |
| DIP14.3X750 | DIP24.4X1225 | DIP40.6X2075 |
| DIP14.3X775 | DIP24.4X1250 | DIP40.6X2100 |
| DIP14.3X800 | DIP24.6X1200 | DIP48.6X2425 |
| DIP14.3X825 | DIP24.6X1225 | DIP48.6X2450 |
| DIP14.3X850 | DIP24.6X1250 | DIP48.6X2475 |
| | DIP24.6X1275 | DIP48.6X2500 |
| DIP16.3X775 | DIP24.6X1300 | |
| DIP16.3X800 | | DIP64.9X3225 |
| DIP16.3X825 | DIP28.3X1375 | DIP64.9X3250 |
| DIP16.3X875 | DIP28.3X1400 | |
| DIP16.3X900 | DIP28.3X1425 | |
| DIP16.3X950 | DIP28.3X1450 | |
| | DIP28.3X1475 | |
| DIP18.3X900 | DIP28.3X1500 | |
| DIP18.3X925 | DIP28.4X1425 | |
| DIP18.3X950 | DIP28.4X1450 | |
| | DIP28.6X1400 | |
| DIP20.3X975 | DIP28.6X1425 | |
| DIP20.3X1000 | DIP28.6X1450 | |
| DIP20.3X1025 | DIP28.6X1475 | |
| DIP20.3X1050 | DIP28.6X1500 | |
| DIP20.3X1075 | DIP28.6X1525 | |
| DIP20.3X1100 | DIP28.6X1550 | |
| DIP20.4X1000 | DIP28.6X1575 | |
| DIP20.4X1025 | DIP28.6X1600 | |
| DIP20.4X1050 | | |

DIP .100

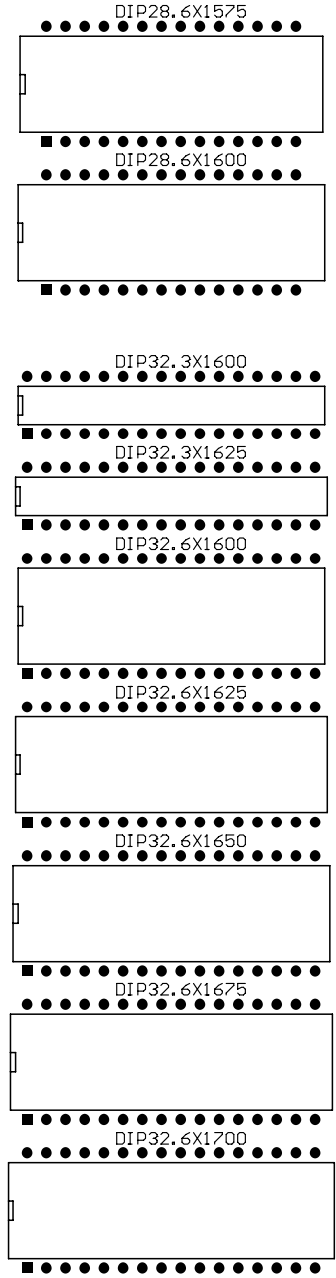
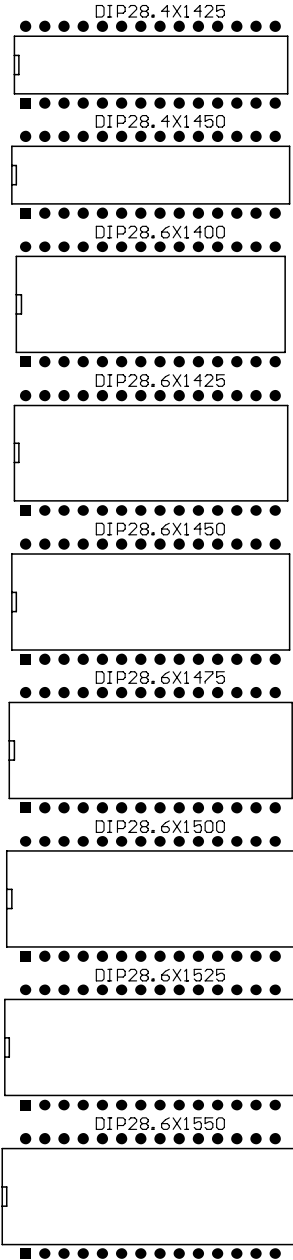
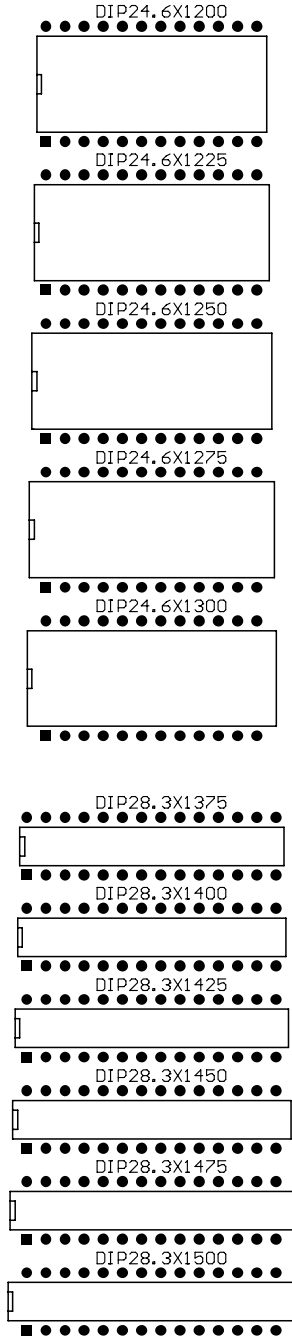
DIP PINS / WIDTH x LENGTH

PADSTACK : DIP .034 HOLE / .058 PAD



| | | |
|---------------|-------------|-------|
| REVISION 6.80 | DIP LIBRARY | |
| DIP.LIB | | DIP-1 |

DIP .100



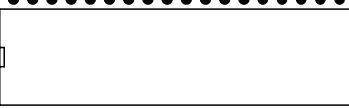
| | | |
|---------------|-------------|-------|
| REVISION 6.80 | DIP LIBRARY | |
| DIP.LIB | | DIP-2 |

DIP .100

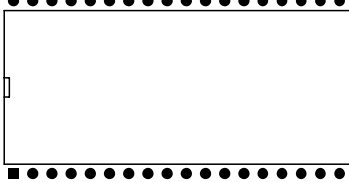
DIP36.6X1825



DIP36.6X1850



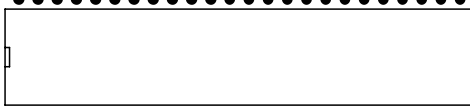
DIP36.9X1800



DIP48.6X2425



DIP48.6X2450



DIP48.6X2475



DIP48.6X2500



DIP40.6X2025



DIP40.6X2050



DIP40.6X2075



DIP40.6X2100



DIP64.9X3225



DIP64.9X3250



REVISION 6.80

DIP LIBRARY

DIP.LIB

DIP-3

| | | |
|-------------------|---|----------------------------------|
| DIB | = | Buttmount DIP style |
| Number | = | Pin count |
| . Number x Number | = | Width in inches x length in mils |

DIP Buttmount

DIB8.3X450

DIB14.3X800

DIB14.3X850

DIB16.3X850

DIB16.3X900

DIB16.3X950

DIB18.3X950

DIB20.3X1050

DIB22.4X1150

DIB24.3X1300

DIB24.4X1250

DIB24.6X1300

DIB28.3X1450

DIP .100 BUTTMOUNT

PADSTACK : DIP .046 X .086 PAD

DIB8.3X450



DIB20.3X1050



DIB14.3X800



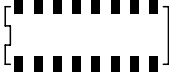
DIB22.4X1150



DIB14.3X850



DIB16.3X850



DIB24.3X1300



DIB16.3X900



DIB24.4X1250



DIB16.3X950



DIB24.6X1300



DIB18.3X950



DIB28.3X1450



| | | |
|---------------|-----------------------|--------|
| REVISION 6.90 | DIP BUTTMOUNT LIBRARY | |
| DIPB.LIB | | DIPB-1 |

| | | |
|----------------|---|---------------------------|
| ISA | = | ISA card compatible |
| /EDGE, /SOCKET | = | Edge Fingers, Edge Socket |
| BOARDBLANKS | : | Refer to last section |

Edge Fingers

ISA/EDGE

Edge Socket

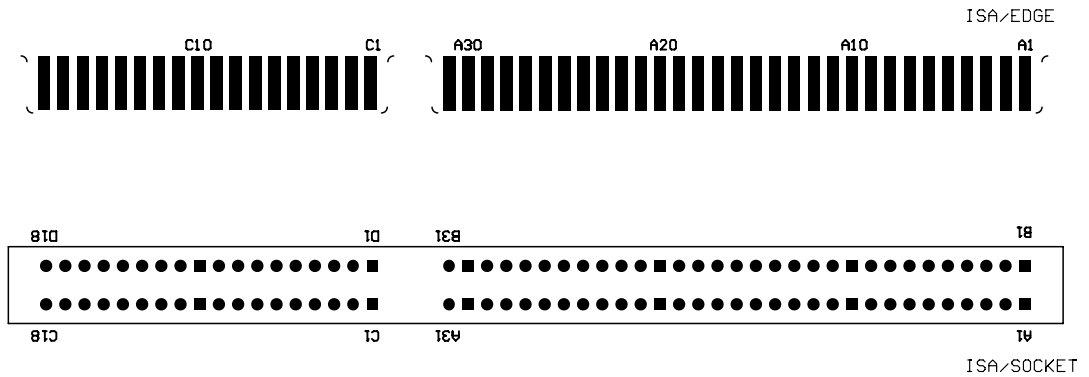
ISA/SOCKET

ISA

ISA SOCKET & FINGERS

PADSTACK : ALAPHA-NUMERIC .065 x .295 EDGE FINGERS

PADSTACK : .040 HOLE/.062 PAD



| | | |
|---------------|-------------|-------|
| REVISION 7.00 | ISA LIBRARY | |
| ISA.LIB | | ISA-1 |

| | | |
|-------------|---|------------------------|
| PC104 | = | PC/104 card compatible |
| /J1, /J2 | = | 8 and 16 bit sockets |
| BOARDBLANKS | : | Refer to last section |

Sockets

Mounting Hole

PC104/J1
PC104/J2

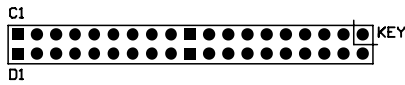
PC104/MH

PC/104

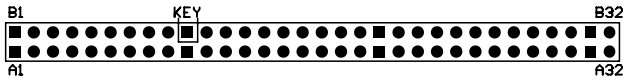
PC/104 8 & 16 BIT SOCKETS

PADSTACK : ALAPHA-NUMERIC .037 HOLE/.062 PAD
MOUNTING : .125 HOLE/.250 PAD

PC104/J2



PC104/J1



PC104/MH



| | | |
|---------------|----------------|---------|
| REVISION 7.00 | PC/104 LIBRARY | |
| PC104.LIB | | PC104-1 |

| | | |
|-------------|---|-----------------------------|
| PCI | = | PCI card compatible |
| 32 | = | 32-Bit |
| 64 | = | 64-Bit |
| V3, V5 | = | 3.3 or 5 volt |
| Edge, Skt | = | Edge fingers or edge Socket |
| BOARDBLANKS | : | Refer to last section |

32-Bit 3.3vPCI32V3/EDG
PCI32V3/SKT**64-Bit 3.3v**PCI64B3V/EDG
PCI64B3V/SKT**Mounting Hole**

PCI/MH

32-Bit 5vPCI32V5/EDG
PCI32V5/SKT**64-Bit 5v**PCI64B5V/EDG
PCI64B5V/SKT

PCI : EDGE & SOCKET CONNECTORS

PCI/MH

● BOARDBLANK MOUNT : .125 HOLE / .150 PAD

PCI 32 BIT SOCKETS & FINGERS

PADSTACK : ALAPHA-NUMERIC .036 x .200 EDGE FINGERS

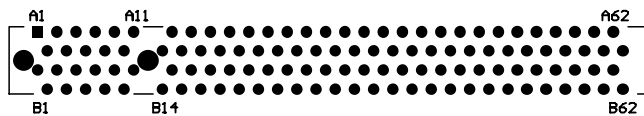
PADSTACK : .040 HOLE/.061 PAD

MOUNTING : .196 HOLE / .106 PAD

PCI32V3/EDGE



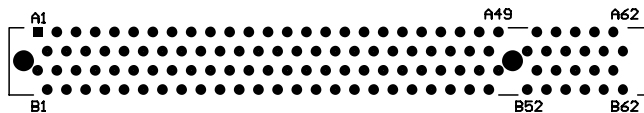
PCI32V3/SKT



PCI32V5/EDGE



PCI32V5/SKT



| | | |
|---------------|-------------|-------|
| REVISION 7.00 | PCI LIBRARY | |
| PCI.LIB | | PCI-1 |

PCI

PCI 32/64 BIT EDGE CONNECTORS & SOCKETS

PCI 64 BIT SOCKETS & FINGERS

PADSTACK : ALAPHA-NUMERIC .036 x .200 EDGE FINGERS

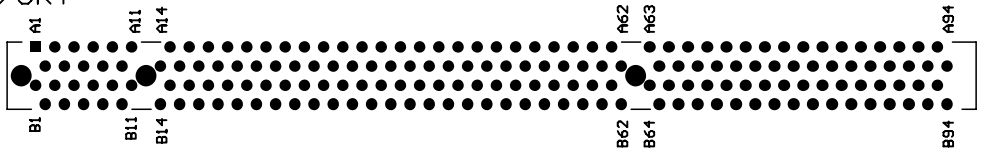
PADSTACK : ALAPHA-NUMERIC .040 HOLE / .061 PAD

MOUNTING : .096 HOLE / .111 PAD

PCI64V3/EDGE



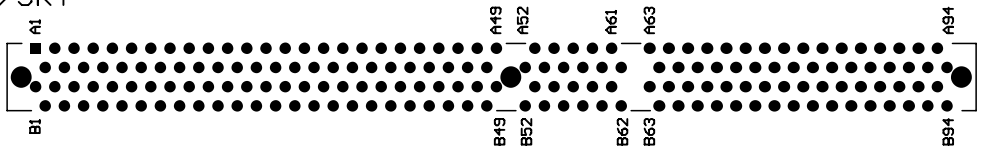
PCI64V3/SKT



PCI64V5/EDGE



PCI64V5/SKT



| | | |
|---------------|-------------|-------|
| REVISION 7.00 | PCI LIBRARY | |
| PCI | | PCI-2 |

PGA.LIB

| | | |
|---------|---|----------------|
| Number | = | Array Size |
| PGA | = | Pin Grid Array |
| .10 | = | 100 mil Pitch |
| _, A, B | = | Variant |
| Number | = | Pin count |

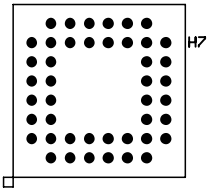
| | | | |
|--------------|--------------|--------------|--------------|
| 8PGA.10_44 | 12PGA.10_44 | 15PGA.10_100 | 18PGA.10A324 |
| 8PGA.10_64 | 12PGA.10_84 | 15PGA.10_104 | 18PGA.10B324 |
| | 12PGA.10_89 | 15PGA.10_144 | 18PGA.10_179 |
| 9PGA.10_52 | 12PGA.10_108 | 15PGA.10_145 | 18PGA.10_191 |
| 9PGA.10_56 | 12PGA.10_109 | 15PGA.10_149 | 18PGA.10_223 |
| 9PGA.10_72 | 12PGA.10_144 | 15PGA.10_156 | |
| 9PGA.10_76 | | 15PGA.10_160 | 19PGA.10A240 |
| 9PGA.10_81 | 13PGA.10_84 | 15PGA.10_176 | 19PGA.10B240 |
| | 13PGA.10_85 | 15PGA.10_179 | 19PGA.10_235 |
| 10PGA.10_64 | 13PGA.10_88 | 15PGA.10_180 | 19PGA.10_280 |
| 10PGA.10_68 | 13PGA.10_89 | 15PGA.10_181 | 19PGA.10_361 |
| 10PGA.10_84 | 13PGA.10_101 | 15PGA.10_212 | |
| 10PGA.10_100 | 13PGA.10_114 | 15PGA.10_223 | 20PGA.10_299 |
| | 13PGA.10_120 | 15PGA.10_225 | 20PGA.10_400 |
| | 13PGA.10_121 | | |
| 11PGA.10_68 | 13PGA.10_124 | 16PGA.10_155 | 21PGA.10_273 |
| 11PGA.10_69 | 13PGA.10_128 | 16PGA.10_156 | 21PGA.10_441 |
| 11PGA.10_70 | 13PGA.10_132 | 16PGA.10_160 | |
| 11PGA.10_72A | 13PGA.10_133 | 16PGA.10_172 | 35PGA.10_325 |
| 11PGA.10_72B | 13PGA.10_144 | 16PGA.10_175 | |
| 11PGA.10_73 | 13PGA.10_144 | 16PGA.10_175 | |
| 11PGA.10_76 | 13PGA.10_169 | 16PGA.10_256 | 37PGA.10_403 |
| 11PGA.10_84A | 13PGA.10A100 | | |
| 11PGA.10_84B | 13PGA.10B100 | 17PGA.10_168 | 39PGA.10_411 |
| 11PGA.10_85 | | 17PGA.10_169 | |
| 11PGA.10_88 | 14PGA.10_95 | 17PGA.10_188 | 43PGA.10_503 |
| 11PGA.10_96 | 14PGA.10_101 | 17PGA.10_192 | |
| 11PGA.10_108 | 14PGA.10_132 | 17PGA.10_208 | |
| 11PGA.10_112 | 14PGA.10_133 | 17PGA.10_209 | |
| 11PGA.10_116 | 14PGA.10_134 | 17PGA.10_225 | |
| 11PGA.10_121 | 14PGA.10_160 | 17PGA.10_232 | |
| | 14PGA.10_179 | 17PGA.10_240 | |
| | 14PGA.10_180 | 17PGA.10_289 | |
| | 14PGA.10_184 | | |
| | 14PGA.10_196 | | |

PGA

PADSTACK : ALPHANUMERIC .034 HOLE $\sqrt{.058}$ PAD

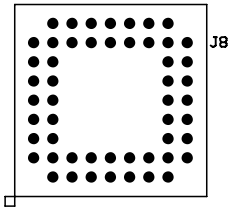
8x8

8PGA.10_44



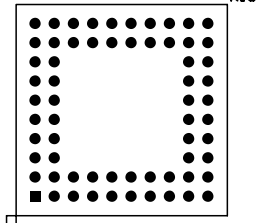
9x9

9PGA.10_52

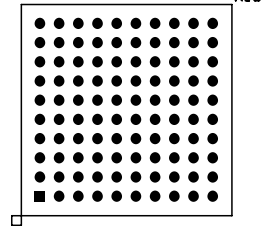


10x10

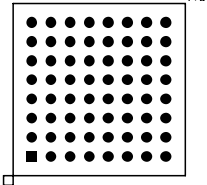
10PGA.10_64



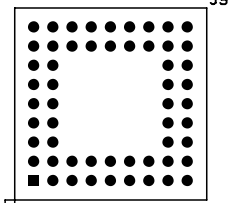
10PGA.10_100



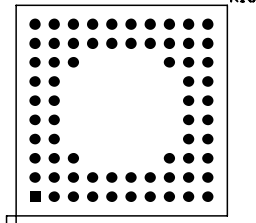
8PGA.10_64



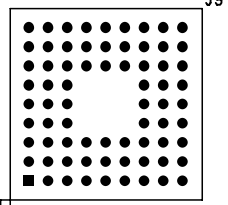
9PGA.10_56



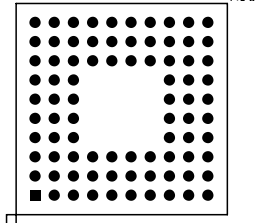
10PGA.10_68



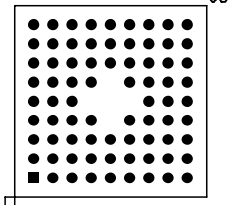
9PGA.10_72



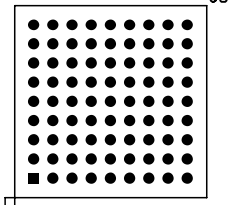
10PGA.10_84



9PGA.10_76



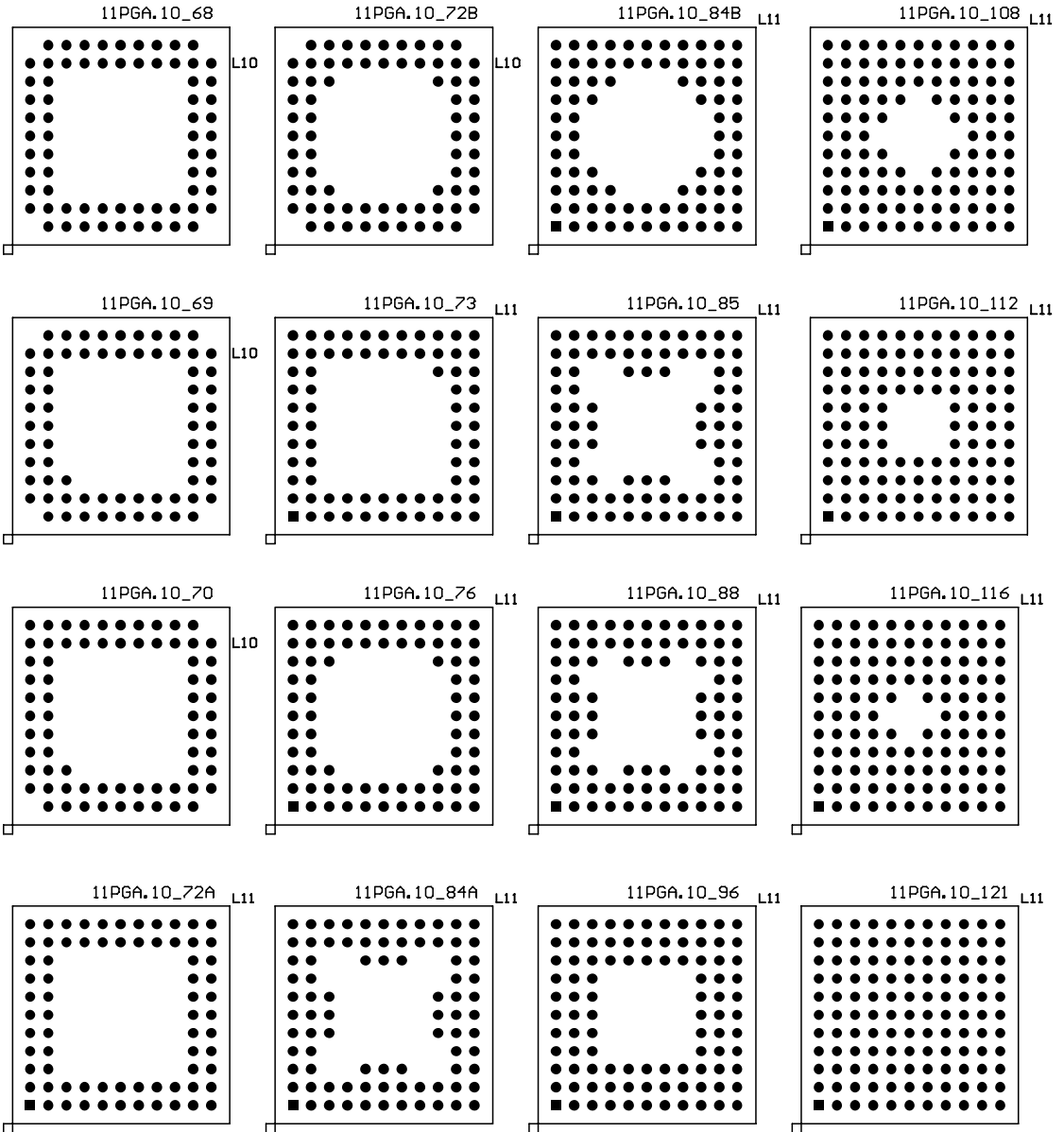
9PGA.10_81



| | | |
|---------------|-------------|-------|
| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-1 |

PGA

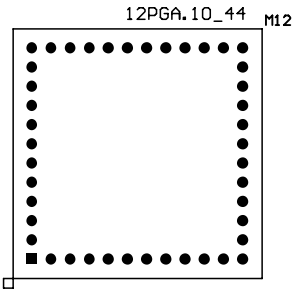
11x11



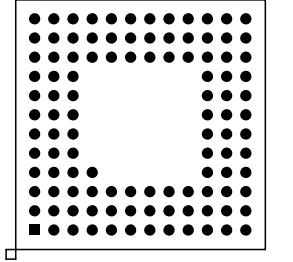
| | | |
|---------------|-------------|-------|
| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-2 |

PGA

12x12

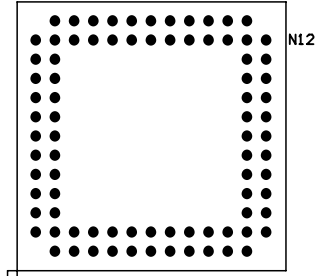


12PGA.10_109 M12

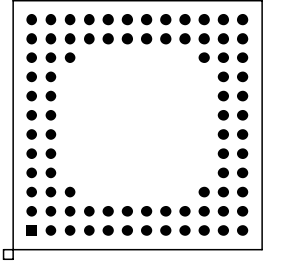


13x13

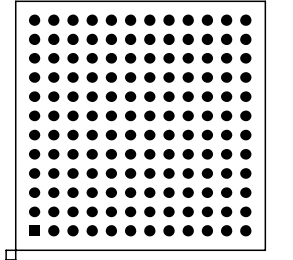
13PGA.10_84



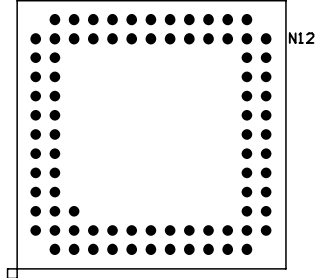
12PGA.10_84 M12



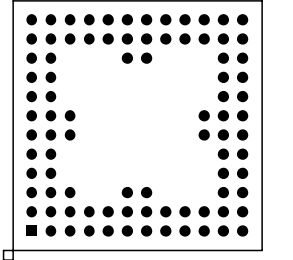
12PGA.10_144 M12



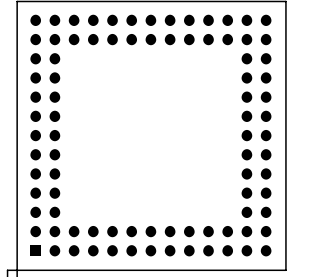
13PGA.10_85



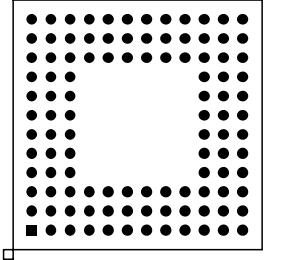
12PGA.10_89 M12



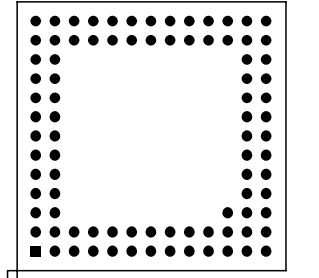
13PGA.10_88



12PGA.10_108 M12



13PGA.10_89



REVISION 7.00

PGA LIBRARY

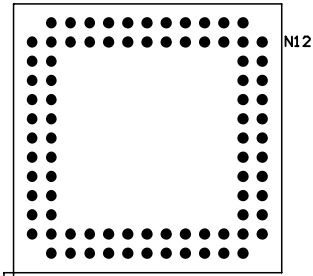
PGA.LIB

PGA-3

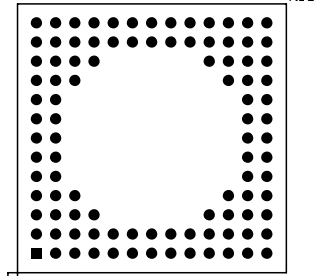
PGA

13x13

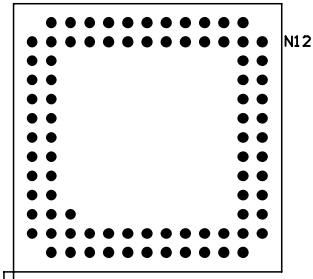
13PGA.10_84



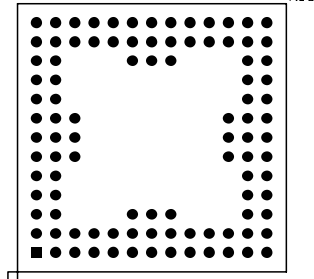
13PGA.10A100 N13



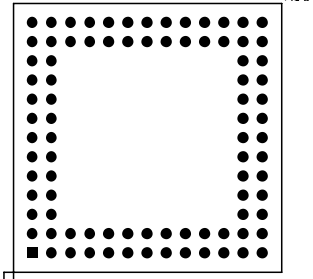
13PGA.10_85



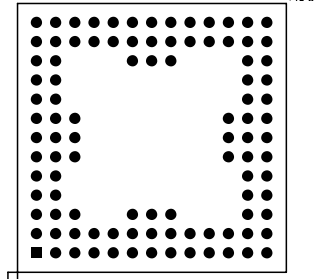
13PGA.10B100 N13



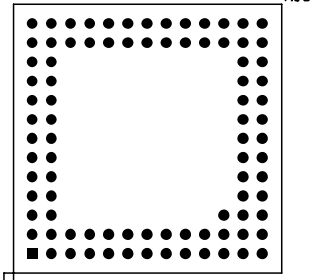
13PGA.10_88 N13



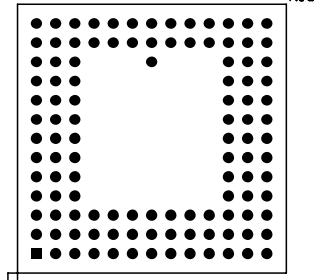
13PGA.10_101 N13



13PGA.10_89 N13



13PGA.10_114 N13

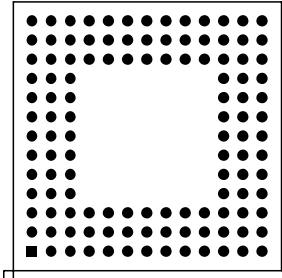


| | | |
|---------------|-------------|-------|
| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-4 |

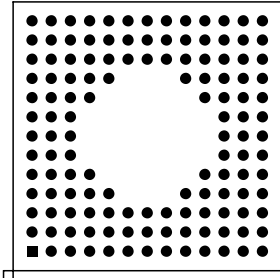
PGA

13x13

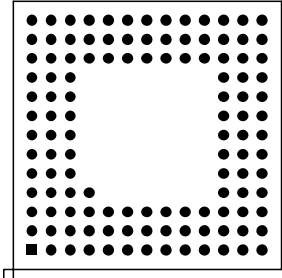
13PGA.10_120 N13



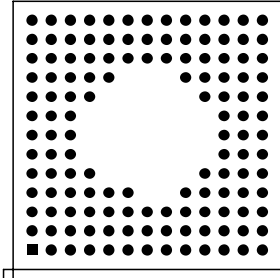
13PGA.10_132 N13



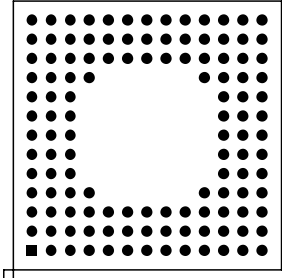
13PGA.10_121 N13



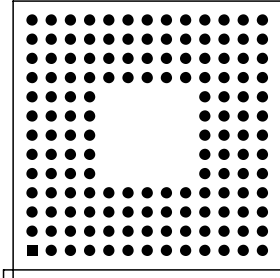
13PGA.10_133 N13



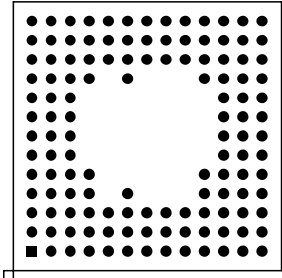
13PGA.10_124 N13



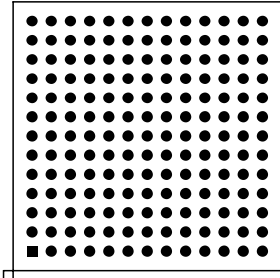
13PGA.10_144 N13



13PGA.10_128 N13



13PGA.10_169 N13



REVISION 7.00

PGA LIBRARY

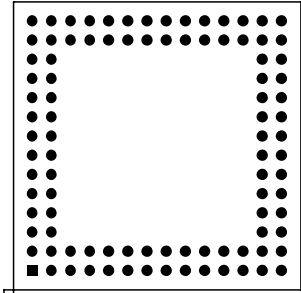
PGA.LIB

PGA-5

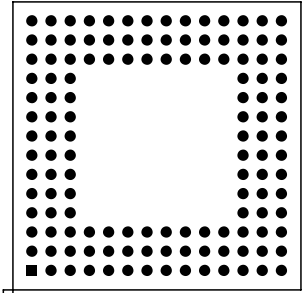
PGA

14x14

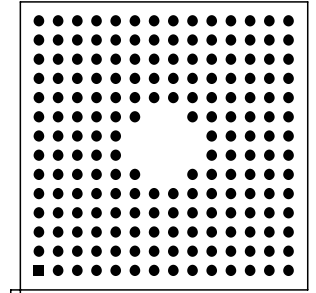
14PGA.10_95 p14



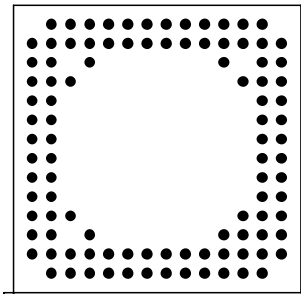
14PGA.10_134 p14



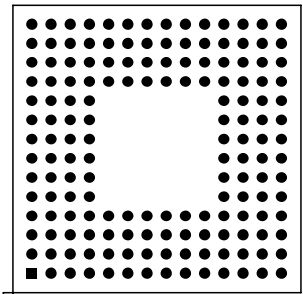
14PGA.10_184 p14



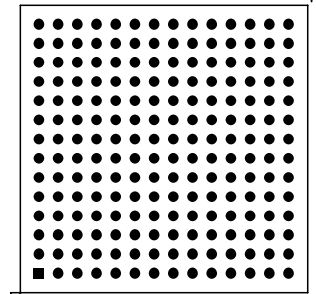
14PGA.10_101 p13



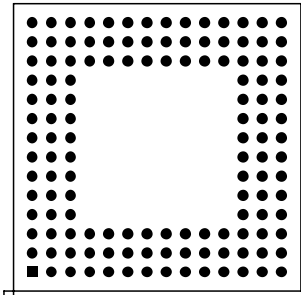
14PGA.10_160 p14



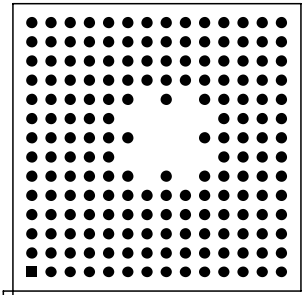
14PGA.10_196 p14



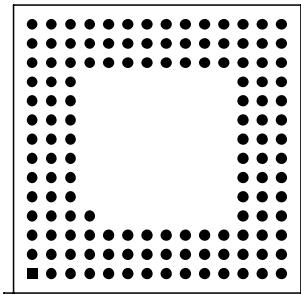
14PGA.10_132 p14



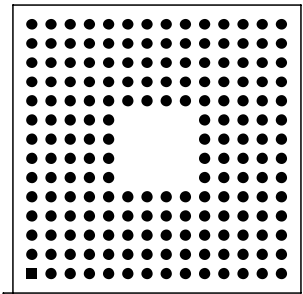
14PGA.10_179 p14



14PGA.10_133 p14



14PGA.10_180 p14

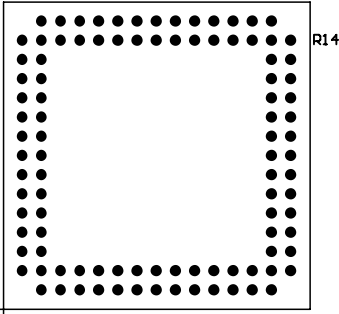


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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-6 |

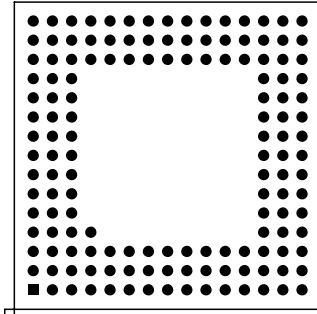
PGA

15x15

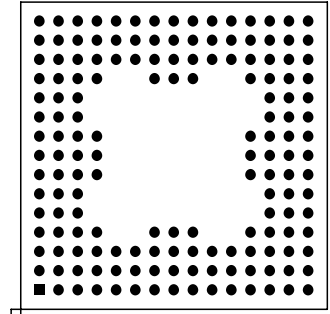
15PGA.10_100



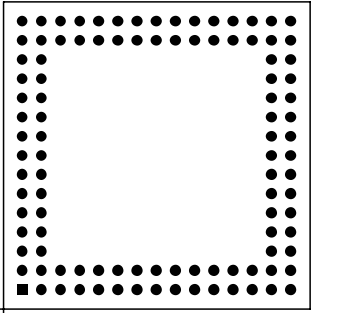
15PGA.10_145 R15



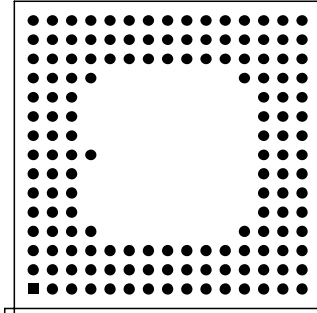
15PGA.10_160 R15



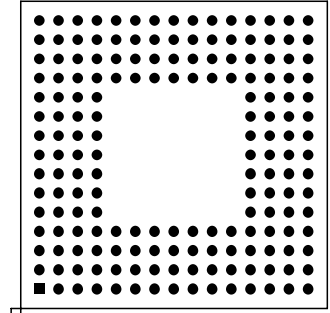
15PGA.10_104 R15



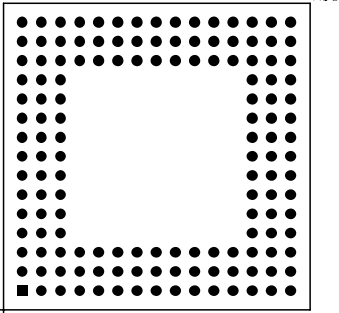
15PGA.10_149 R15



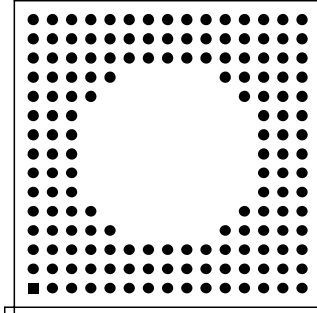
15PGA.10_176 R15



15PGA.10_144 R15



15PGA.10_156 R15



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PGA LIBRARY

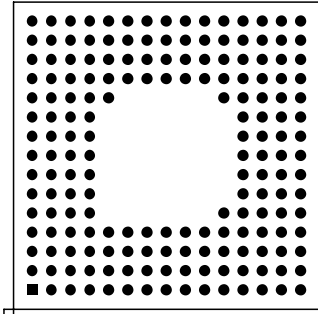
PGA.LIB

PGA-7

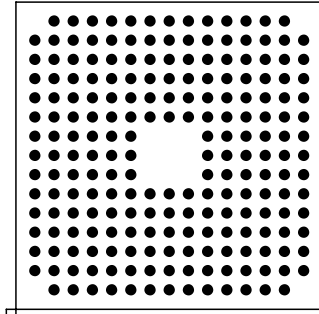
PGA

15x15

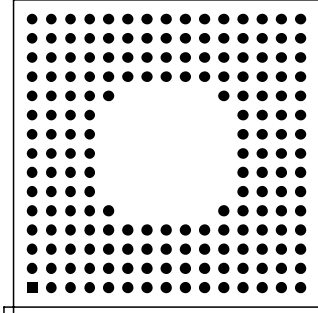
15PGA.10_179 R15



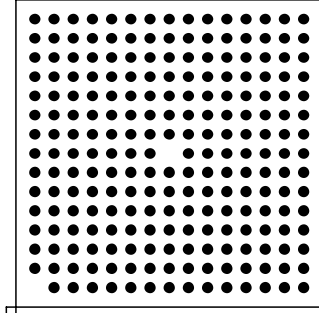
15PGA.10_212 R14



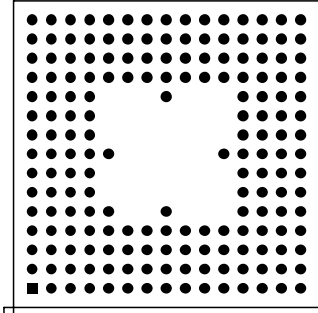
15PGA.10_180 R15



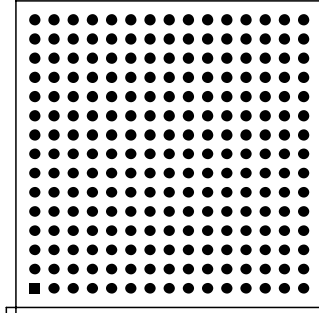
15PGA.10_223 R15



15PGA.10_181 R15



15PGA.10_225 R15

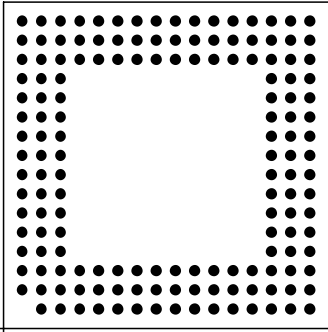


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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-8 |

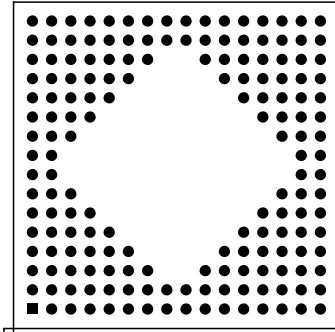
PGA

16x16

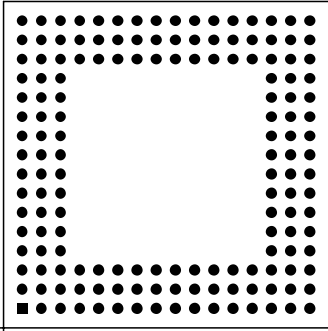
16PGA.10_155 T16



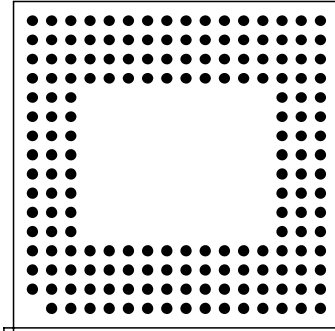
16PGA.10_172 T16



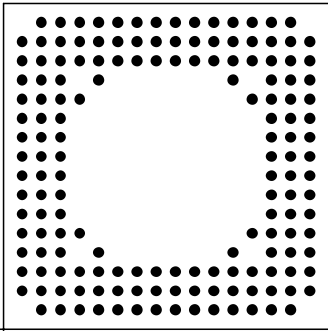
16PGA.10_156 T16



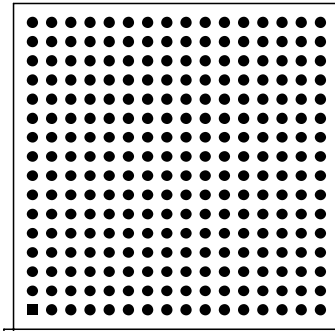
16PGA.10_175 T16



16PGA.10_160 T15



16PGA.10_226 T16



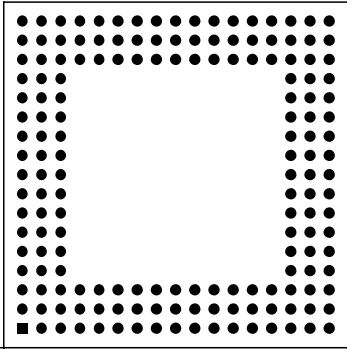
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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-9 |

PGA

17x17

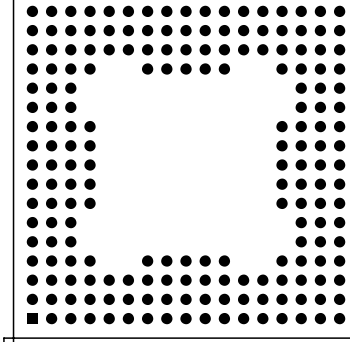
17PGA.10_168

U17



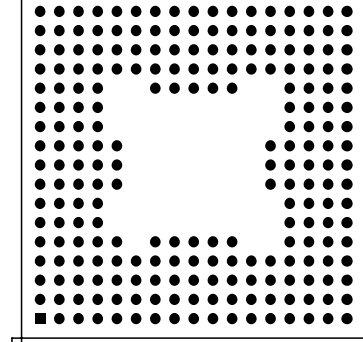
17PGA.10_192

U17



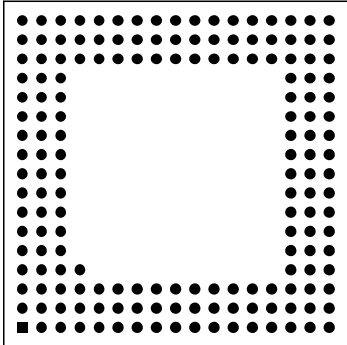
17PGA.10_225

U17



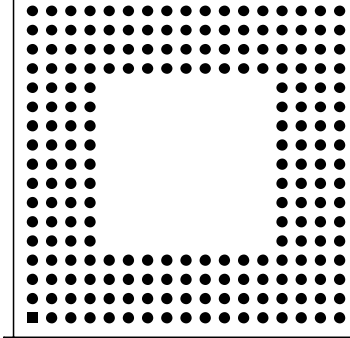
17PGA.10_169

U17



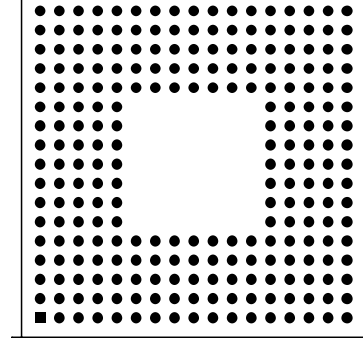
17PGA.10_208

U17



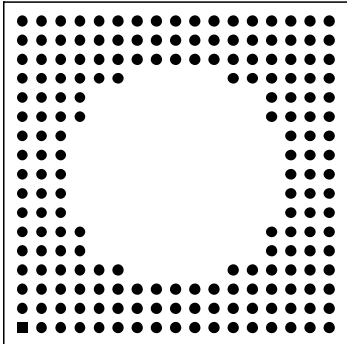
17PGA.10_232

U17



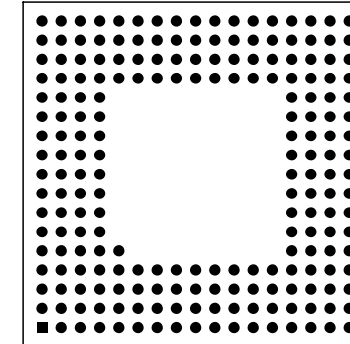
17PGA.10_188

U17



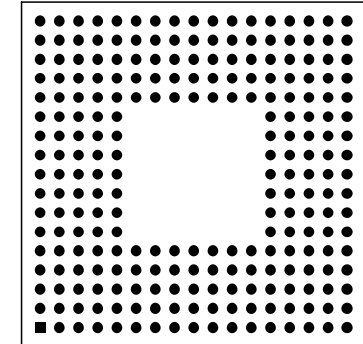
17PGA.10_209

U17



17PGA.10_240

U17

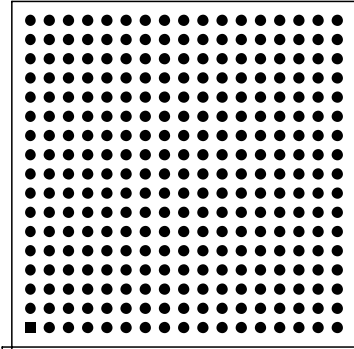


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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-10 |

PGA

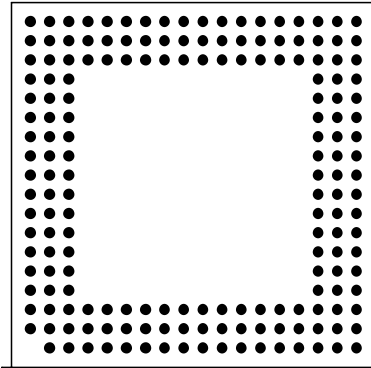
17x17

17PGA.10_289 U17

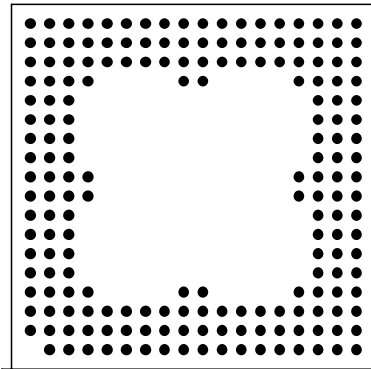


18x18

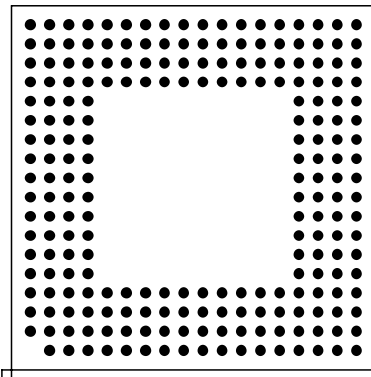
18PGA.10_179 U18



18PGA.10_191 U18



18PGA.10_223 U18

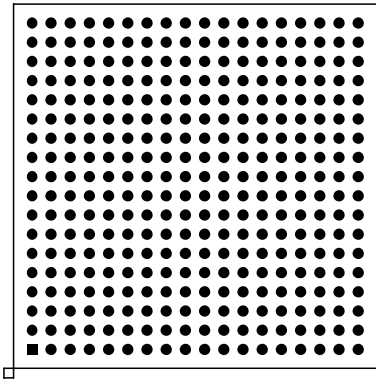


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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-11 |

PGA

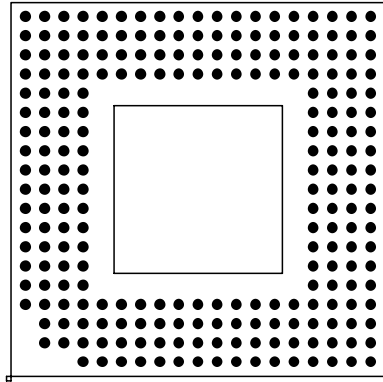
18x18

18PGA.10A324 U18

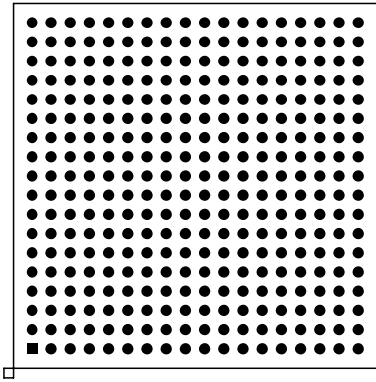


19x19

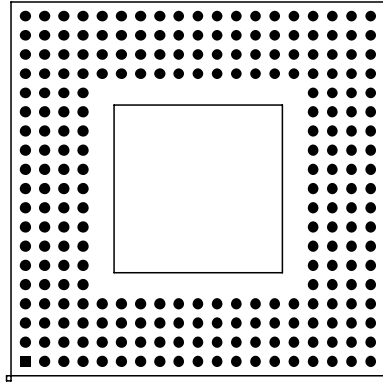
19PGA.10_235 U19



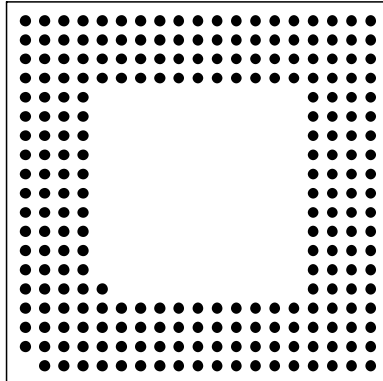
18PGA.10B324 U18



19PGA.10A240 U19



19PGA.10B240 U19

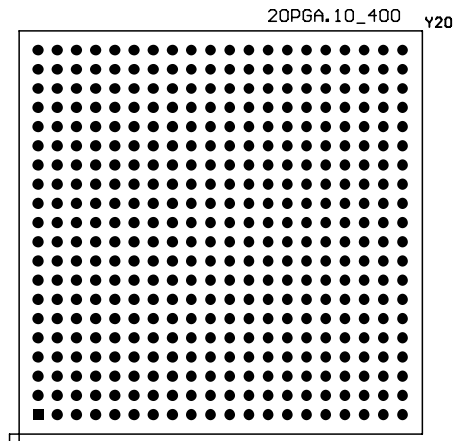
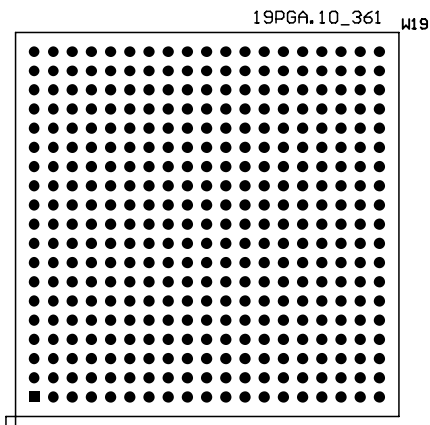
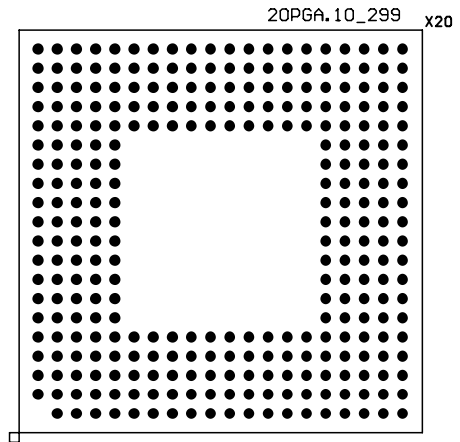
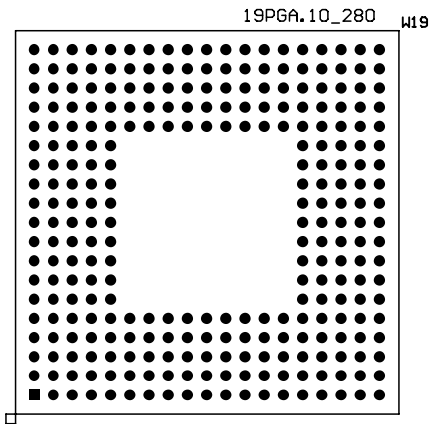


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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-12 |

PGA

19x19

20x20

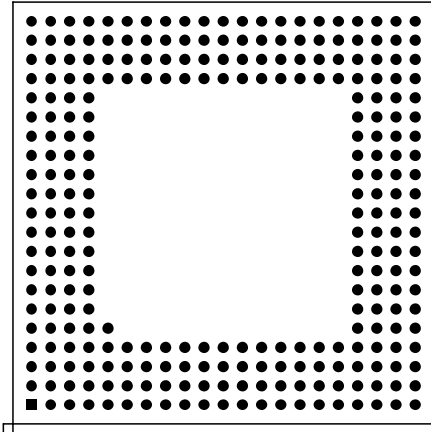


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| REVISION 7.00 | PGA LIBRARY | |
| PGA.LIB | | PGA-13 |

PGA

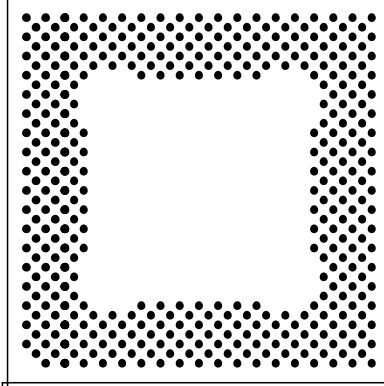
21x21

21PGA.10_273 AA21



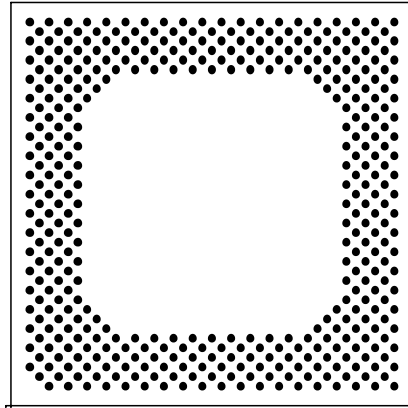
37x37

37PGA.10_403 AU37



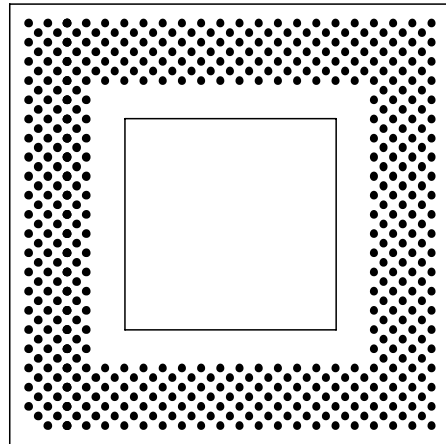
39x39

39PGA.10_411 AU29

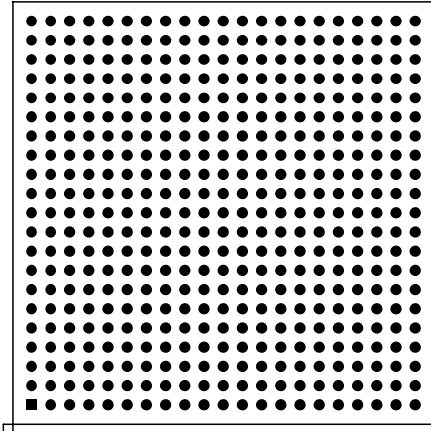


43x43

43PGA.10_503 BC43

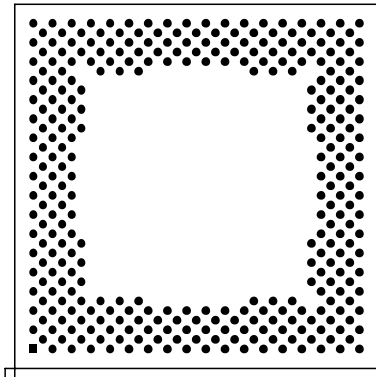


21PGA.10_441 AA21



35x35

35PGA.10_325 AR35



REVISION 7.00

PGA LIBRARY

PGA.LIB

PGA-14

PLCC.LIB

| | | |
|--------|---|---|
| PLCC | = | Plastic Leaded Chip Carrier |
| Number | = | Pin count |
| S, T | = | Surface mount or Thru-hole mount socket |
| Number | = | Socket width in mils |

PLCC

PLCC20

PLCC20/S575

PLCC20/S600

PLCC20/T625

PLCC20/T650

PLCC20/T675

PLCC28

PLCC28/S675

PLCC28/S700

PLCC28/T725

PLCC28/T750

PLCC28/T775

PLCC32

PLCC32/S650

PLCC32/S675

PLCC32/S700

PLCC32/T700

PLCC32/T725

PLCC32/T750

PLCC44

PLCC44/S875

PLCC44/S900

PLCC44/S925

PLCC44/T925

PLCC44/T950

PLCC44/T975

PLCC52

PLCC52/S1000

PLCC52/S1025

PLCC52/S1050

PLCC52/T1025

PLCC52/T1050

PLCC52/T1075

PLCC68

PLCC68/S1200

PLCC68/S1225

PLCC68/S1250

PLCC68/T1225

PLCC68/T1250

PLCC68/T1275

PLCC84

PLCC84/S1400

PLCC84/S1425

PLCC84/S1450

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PLCC00

PLCC00/S1600

PLCC00/S1625

PLCC00/S1650

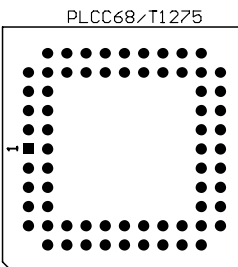
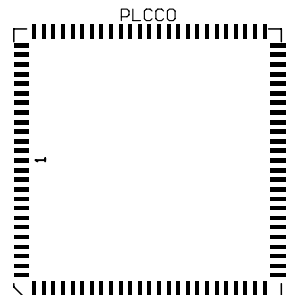
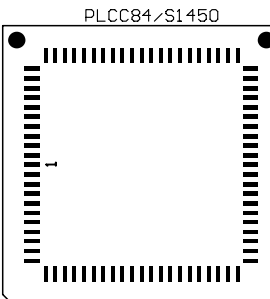
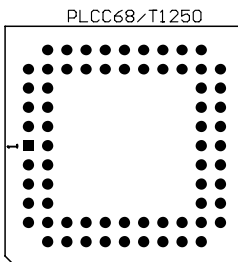
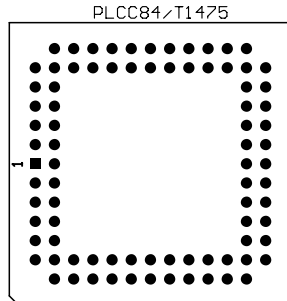
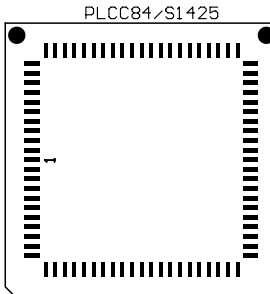
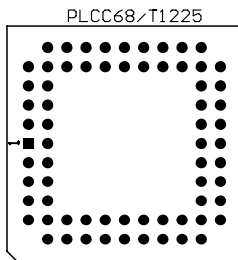
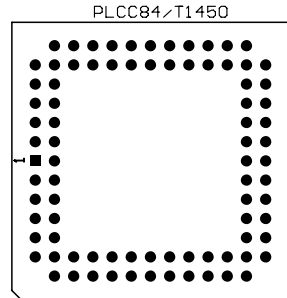
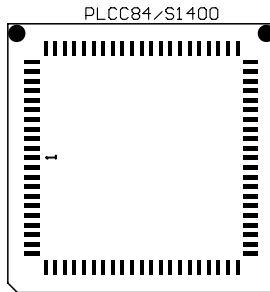
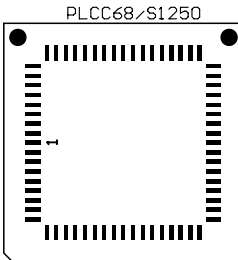
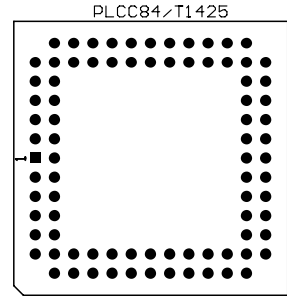
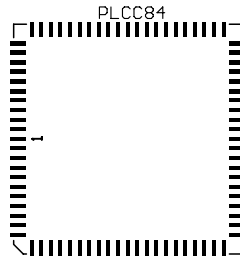
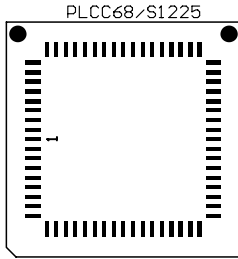
PLCC00/T1625

PLCC00/T1650

PLCC00/T1675

PLCC124

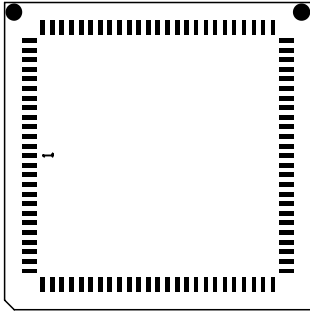
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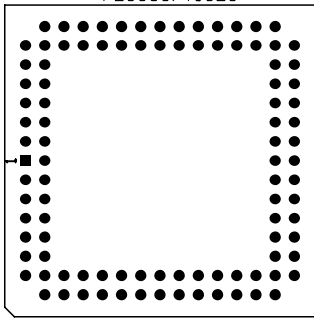
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| REVISION 6.80 | PLCC LIBRARY | |
| PLCC.LIB | | PLCC-2 |

PLCC

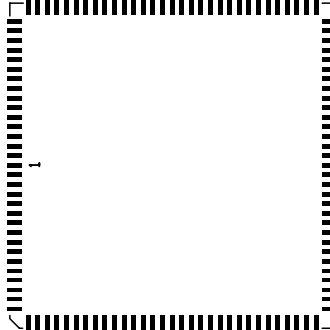
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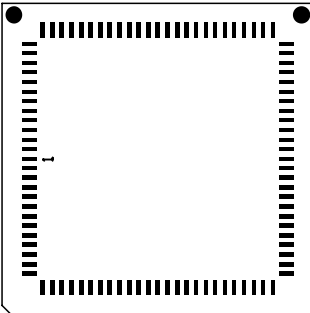
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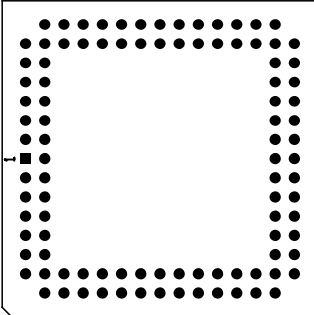
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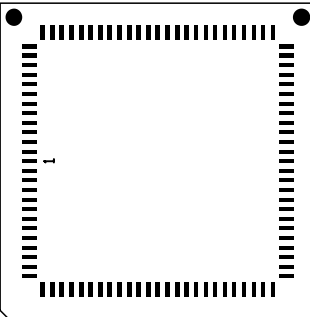
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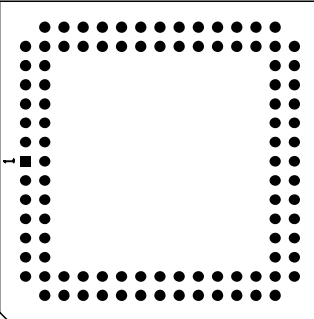
PLCC00/T1650



PLCC00/S1650



PLCC00/T1675



REVISION 6.80

PLCC LIBRARY

PLCC.LIB

PLCC-3

QUAD.LIB

| | | |
|-----------|---|--|
| QUAD | = | QUAD Gull-Wing Styles |
| Number | = | Pitch |
| M | = | mm (default inches) |
| _ or C | = | _ = Corner index (default) or C = Center index |
| Number | = | Pin count |
| A, B, ... | = | Variant |
| S, T | = | Surface mount or Thru-hole mount socket |
| <hr/> | | |
| /G Number | = | Gull Wingspan (width between opposing GULL ends) |

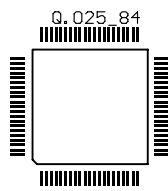
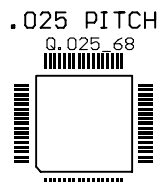
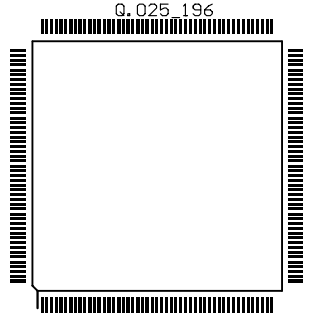
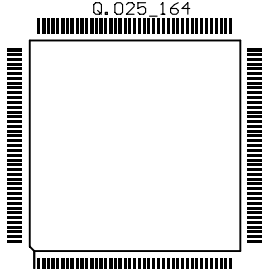
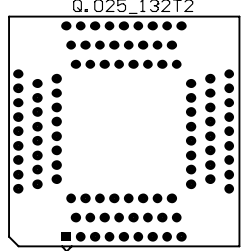
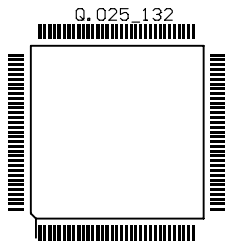
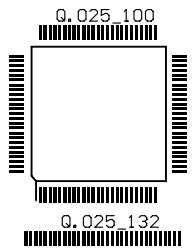
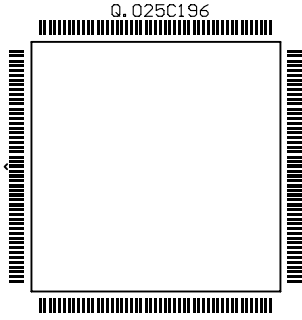
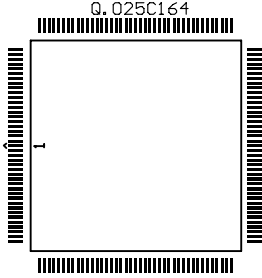
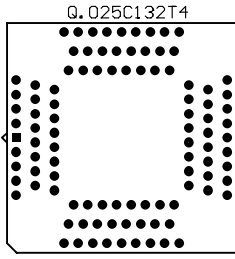
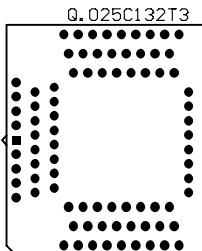
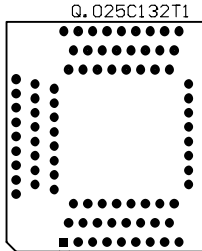
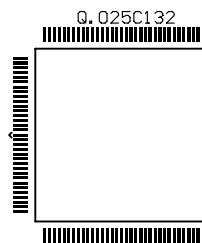
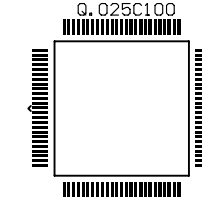
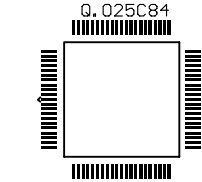
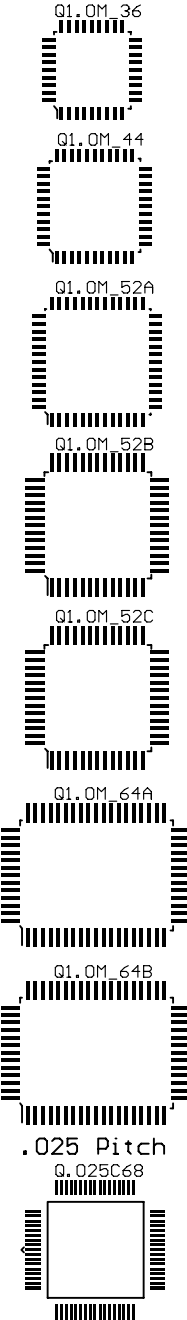
| .025 inches | / Wingspan | .050 inches | / Wingspan | .40 mm | / Wingspan |
|--------------------|-------------------|--------------------|-------------------|---------------|-------------------|
| PIN 1 : CENTER | | PIN 1 : CENTER | | Q.40M_40 | /G7.00 |
| Q.025C68 | /G.685 | Q.050C36 | /G.685 | Q.40M_64 | /G9.00 |
| Q.025C84 | /G.785 | Q.050C44 | /G.785 | Q.40M_80A | /G12.00 |
| Q.025C100 | /G.885 | Q.050C52 | /G.885 | Q.40M_80B | /G12.60 |
| Q.025C132 | /G1.085 | Q.050C68 | /G1.085 | Q.40M_100A | /G14.00 |
| Q.025C132T3 | /G1.085 (quad) | Q.050C84 | /G1.285 | Q.40M_100B | /G14.60 |
| Q.025C132T4 | /G1.085 (quad) | Q.050C100 | /G1.485 | Q.40M_120A | /G16.00 |
| Q.025C164 | /G1.285 | | | Q.40M_120B | /G16.60 |
| Q.025C196 | /G1.485 | PIN 1 : CORNER | | Q.40M_176A | /G22.00 |
| PIN 1 : CORNER | | Q.050_36 | /G.685 | Q.40M_176B | /G22.60 |
| Q.025_68 | /G.685 | Q.050_44 | /G.785 | Q.40M_216A | /G26.00 |
| Q.025_84 | /G.785 | Q.050_52 | /G.885 | Q.40M_216B | /G26.60 |
| Q.025_100 | /G.885 | Q.050_68 | /G1.085 | Q.40M_256A | /G30.00 |
| Q.025_132 | /G1.085 | Q.050_84 | /G1.285 | Q.40M_256B | /G30.60 |
| Q.025_132T1 | /G1.085 (quad) | Q.050_100 | /G1.485 | Q.40M_296 | /G34.60 |
| Q.025_132T2 | /G1.085 (quad) | | | Q.40M_336 | /G38.60 |
| Q.025_164 | /G1.285 | | | Q.40M_376 | /G42.60 |
| Q.025_196 | /G1.485 | | | | |
| Q.025_196T1 | /G1.480 (quad) | | | | |

| .50 mm | / Wingspan | .65 mm | / Wingspan | .80 mm | / Wingspan |
|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| Q.50M_32 | /G7.00 | Q.65M_40 | /G9.00 | Q.80M_32 | /G9.00 |
| Q.50M_48 | /G9.00 | Q.65M_52A | /G12.00 | Q.80M_44 | /G13.45 |
| Q.50M_64A | /G12.00 | Q.65M_52B | /G13.45 | Q.80M_44A | /G12.00 |
| Q.50M_64B | /G12.60 | Q.65M_52C | /G14.15 | Q.80M_44B | /G14.15 |
| Q.50M_80A | /G14.00 | Q.65M_64 | /G14.00 | Q.80M_52 | /G14.00 |
| Q.50M_80B | /G14.60 | Q.65M_80A | /G16.00 | Q.80M_64A | /G16.00 |
| Q.50M_100A | /G16.00 | Q.65M_80B | /G17.45 | Q.80M_64B | /G17.45 |
| Q.50M_100B | /G16.10 | Q.65M_80C | /G18.15 | Q.80M_64C | /G18.15 |
| Q.50M_100C | /G16.60 | Q.65M_80S1 | /G18.90 | Q.80M_80A | /G17.45X23.45 |
| Q.50M_128A | /G16.00X22.00 | Q.65M_88 | /G19.45 | Q.80M_80B | /G18.15X24.15 |
| Q.50M_128B | /G22.60 | Q.65M_100A | /G16.00X22.00 | Q.80M_120A | /G31.45 |
| Q.50M_144A | /G22.00 | Q.65M_100B | /G17.45X23.45 | Q.80M_120B | /G32.15 |
| Q.50M_144B | /G22.60 | Q.65M_100C | /G18.15X24.15 | Q.80M_128A | /G31.45 |
| Q.50M_176A | /G26.00 | Q.65M_112A | /G22.00 | Q.80M_128B | /G32.15 |
| Q.50M_176B | /G26.60 | Q.65M_112B | /G23.45 | | |
| Q.50M_208A | /G30.00 | Q.65M_136 | /G27.45 | 1.0 mm | |
| Q.50M_208B | /G30.60 | Q.65M_144A | /G31.45 | Q1.0M_36 | /G12.00 |
| Q.50M_208C | /G30.50 | Q.65M_144B | /G32.15 | Q1.0M_44 | /G14.00 |
| Q.50M_208S1 | /G34.00 | Q.65M_144T1 | /G31.45 (quad) | Q1.0M_52A | /G16.00 |
| Q.50M_216 | /G30.10 | Q.65M_160A | /G30.00 | Q1.0M_52B | /G17.45 |
| Q.50M_240 | /G34.60 | Q.65M_160B | /G31.45 | Q1.0M_52C | /G18.15 |
| Q.50M_272 | /G38.60 | Q.65M_160C | /G32.15 | Q1.0M_64A | /G17.45X23.45 |
| Q.50M_304A | /G42.60 | Q.65M_160S1 | /G32.49 | Q1.0M_64B | /G18.15X24.15 |
| Q.50M_304B | /G42.80 | Q.65M_160T1 | /G31.45 (quad) | | |
| Q.50M_304S1 | /G45.28 | Q.65M_184A | /G35.45 | | |
| | | Q.65M_184B | /G36.15 | | |
| | | Q.65M_232A | /G43.45 | | |
| | | Q.65M_232B | /G44.15 | | |

QUAD

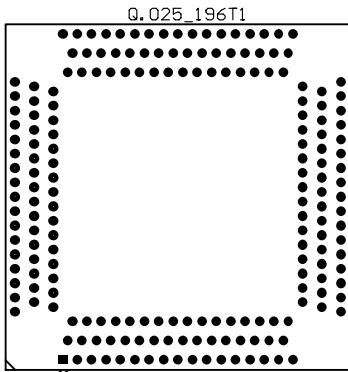
REFER TO LISTING FOR FULL NAME DESCRIPTION

1.0 mm PITCH

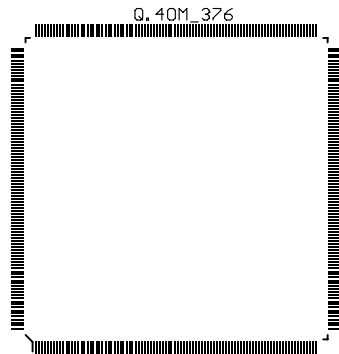
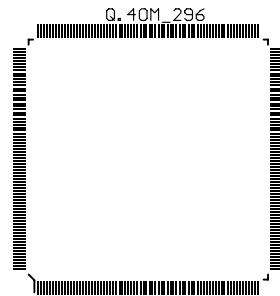
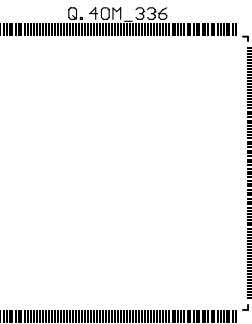
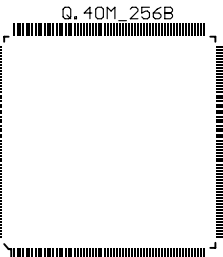
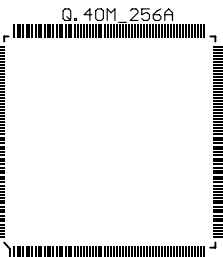
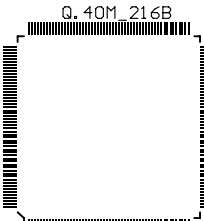
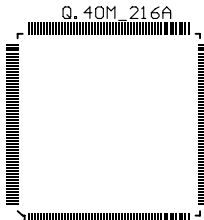
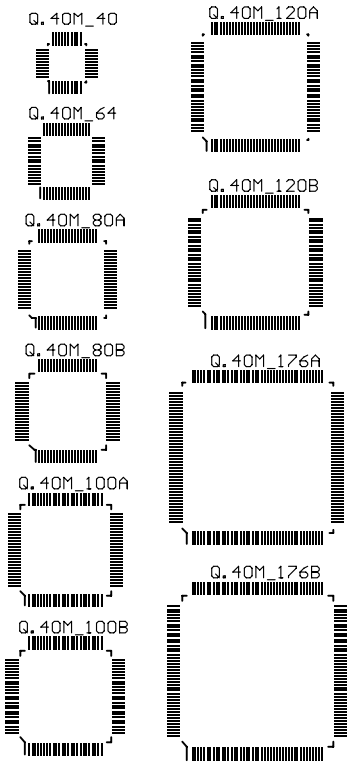


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| REVISION 6.80 | QUAD LIBRARY | |
| QUAD.LIB | | QUAD-1 |

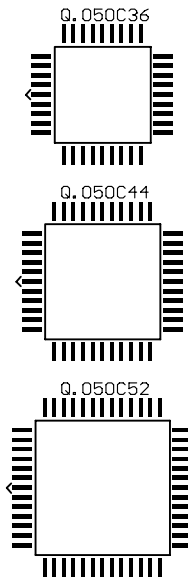
QUAD



.40 mm PITCH

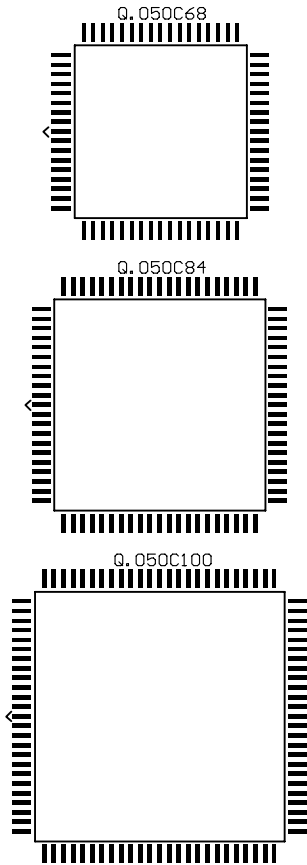


.050 PITCH

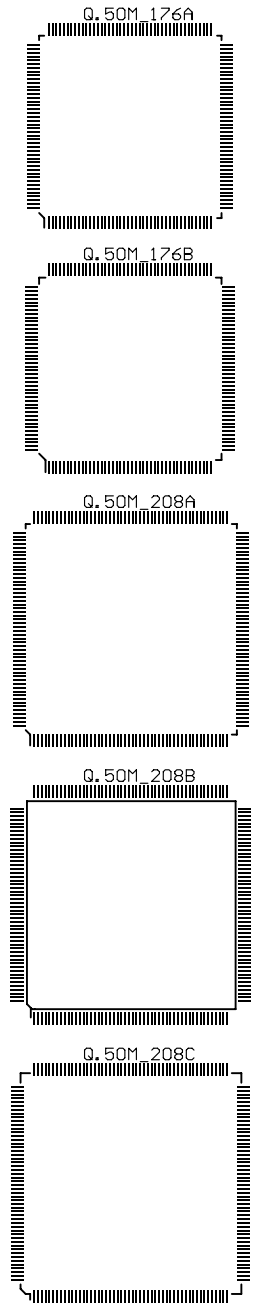
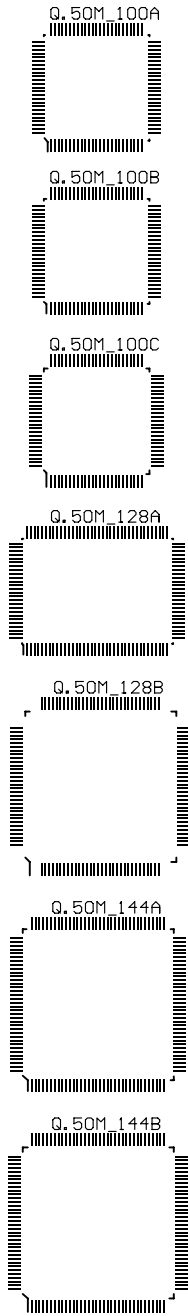
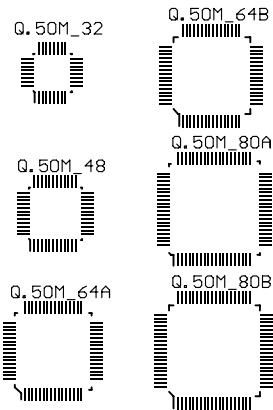


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| REVISION 6.80 | QUAD LIBRARY | |
| QUAD.LIB | | |

QUAD



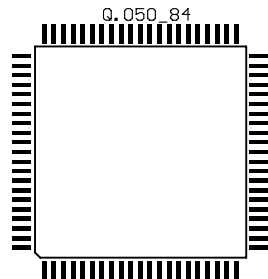
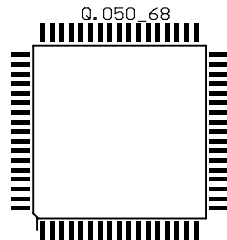
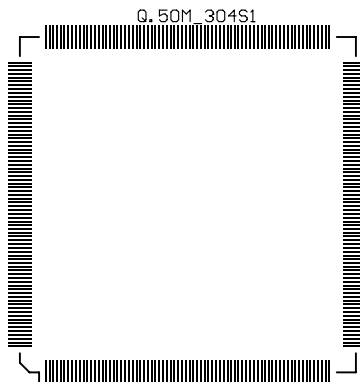
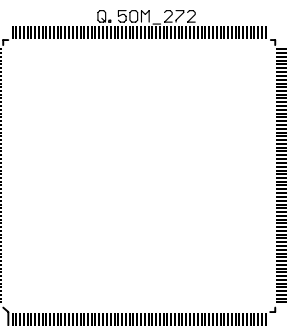
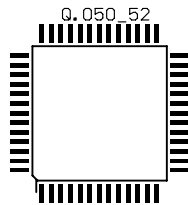
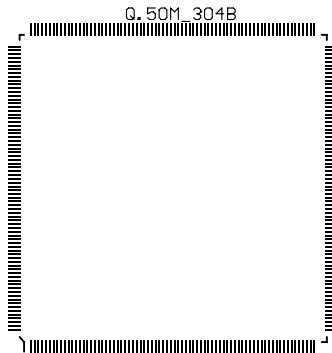
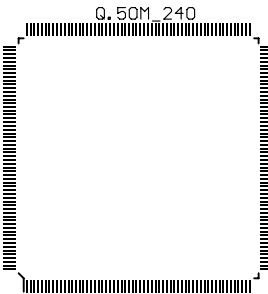
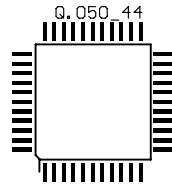
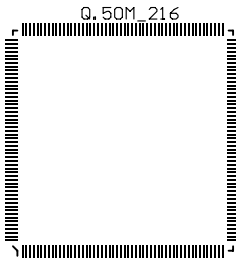
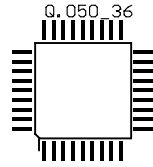
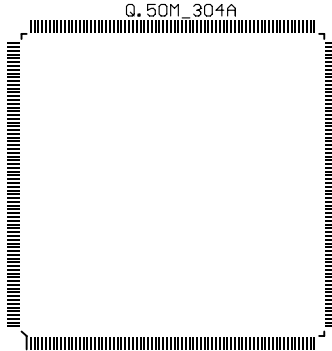
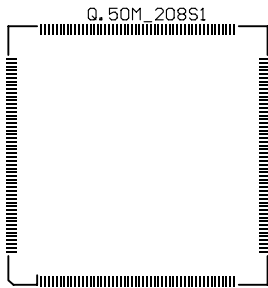
.50 mm PITCH



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| REVISION 6.80 | QUAD LIBRARY | |
| QUAD.LIB | | QUAD-3 |

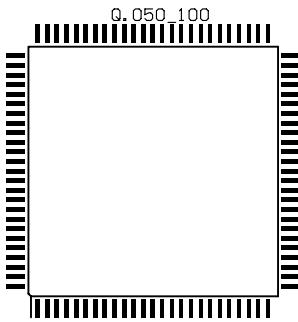
QUAD

.050 PITCH



| | | |
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| REVISION 6.80 | QUAD LIBRARY | |
| QUAD.LIB | | QUAD-4 |

QUAD

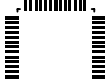


.65 mm PITCH

Q.65M_40



Q.65M_52A



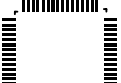
Q.65M_52B



Q.65M_52C



Q.65M_64



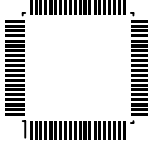
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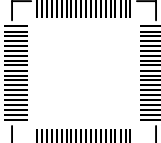
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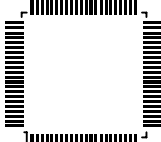
Q.65M_80C



Q.65M_80S1



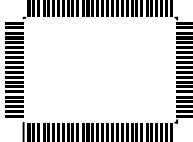
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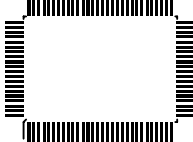
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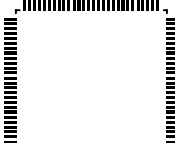
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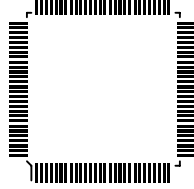
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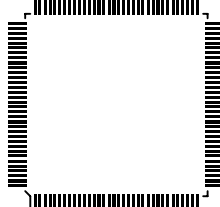
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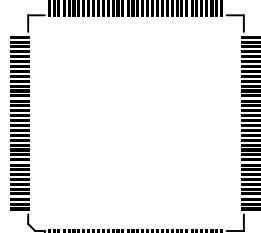
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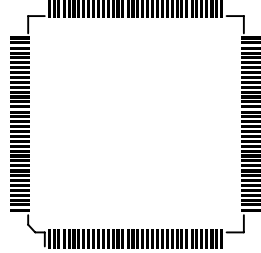
Q.65M_136



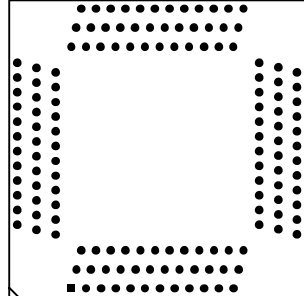
Q.65M_144A



Q.65M_144B



Q.65M_144T1



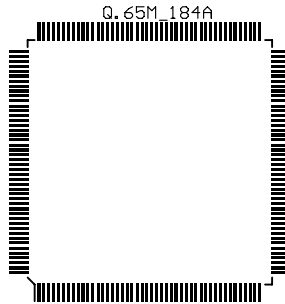
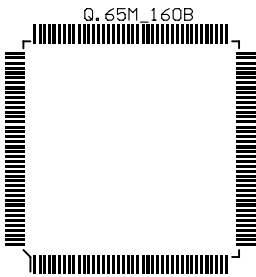
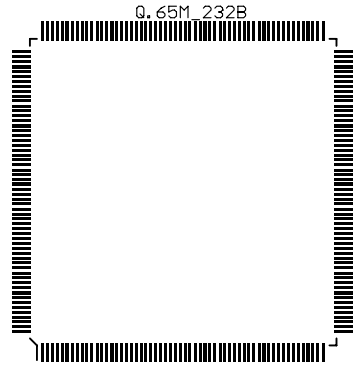
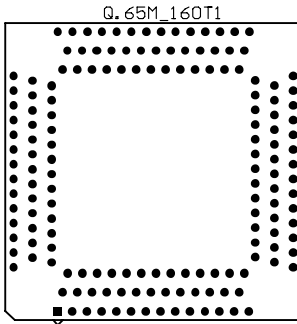
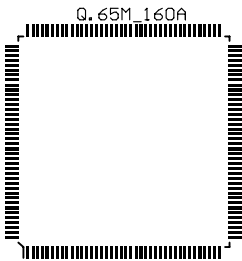
REVISION 6.80

QUAD LIBRARY

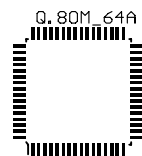
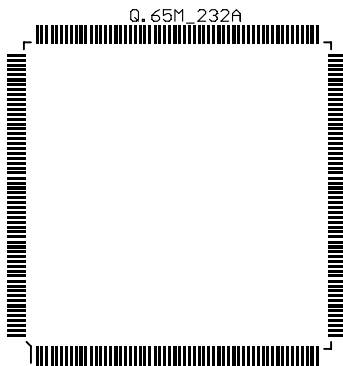
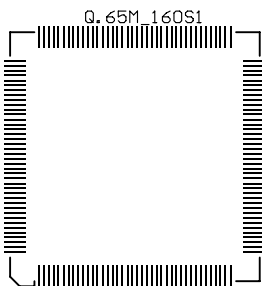
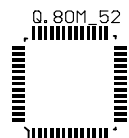
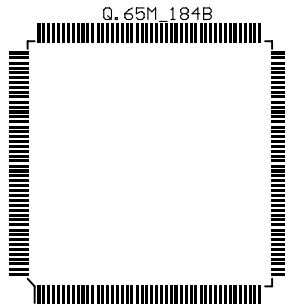
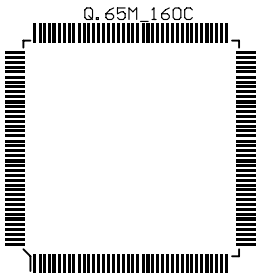
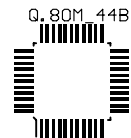
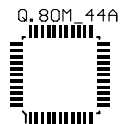
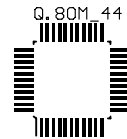
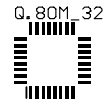
QUAD.LIB

QUAD-5

QUAD



.80 mm PITCH



REVISION 6.80

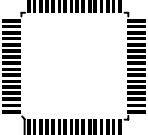
QUAD LIBRARY

QUAD.LIB

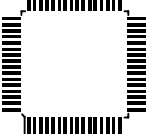
QUAD-6

QUAD

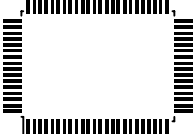
Q.80M_64B



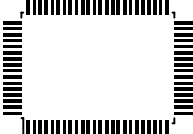
Q.80M_64C



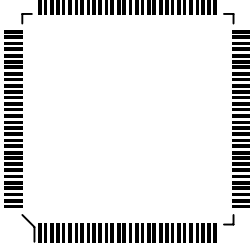
Q.80M_80A



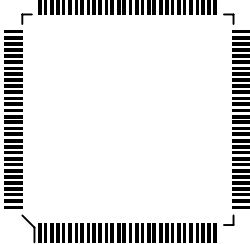
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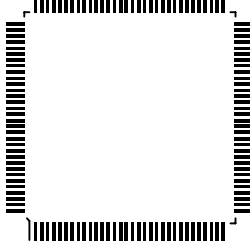
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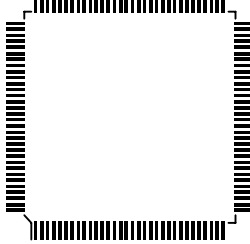
Q.80M_120B



Q.80M_128A



Q.80M_128B



REVISION 6.80

QUAD LIBRARY

QUAD.LIB

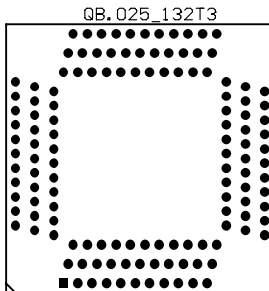
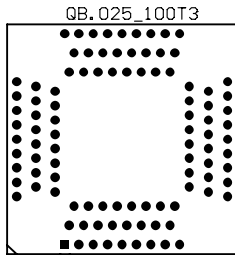
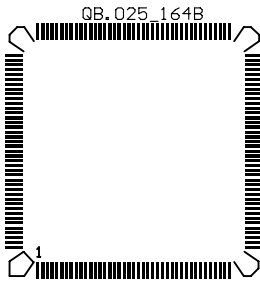
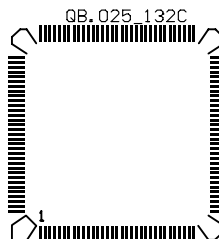
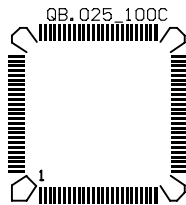
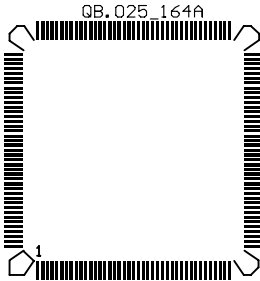
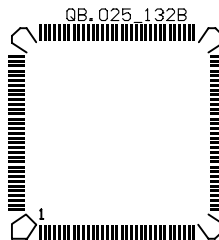
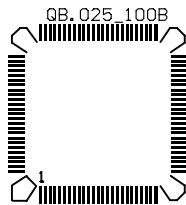
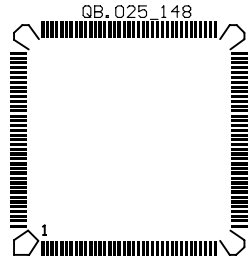
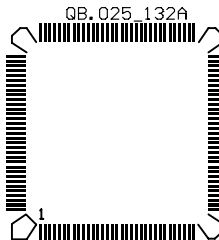
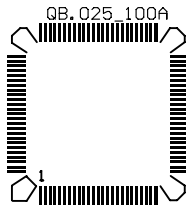
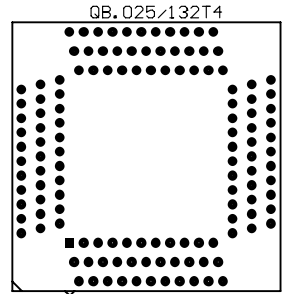
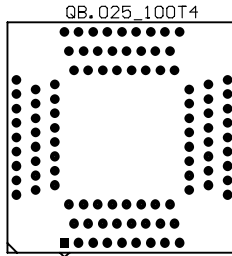
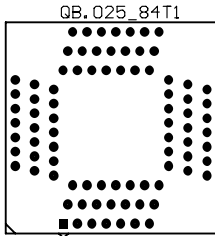
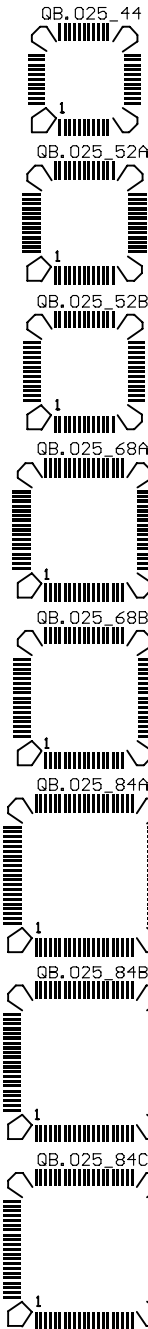
QUAD-7

| | | |
|-----------|---|--|
| QB | = | QUAD, Bumpered Gull Wing Styles |
| .025 | = | Pitch in mils |
| _ or C | = | _ = Corner index (default) or C = Center index |
| Number | = | Pin count |
| A, B, ... | = | Variant |
| S, T | = | Surface mount or Thru-hole mount socket style |
| | | |
| /G Number | = | Gull Wingspan (Width between opposing GULL ends) |

| Corner Index | / Wingspan | Center Index | / Wingspan |
|--------------|----------------|--------------|----------------|
| QB.025_100A | /G.880 | QB.025C100A | /G.880 |
| QB.025_100B | /G.885 | QB.025C100B | /G.885 |
| QB.025_100C | /G.890 | QB.025C100C | /G.890 |
| QB.025_100T3 | /G.880 (quad) | QB.025C100T1 | /G.880 (quad) |
| QB.025_100T4 | /G.880 (quad) | QB.025C100T2 | /G.880 (quad) |
| QB.025_132A | /G1.080 | QB.025C132A | /G1.080 |
| QB.025_132B | /G1.085 | QB.025C132B | /G1.085 |
| QB.025_132C | /G1.090 | QB.025C132C | /G1.090 |
| QB.025_132T3 | /G1.080 (quad) | QB.025C132T1 | /G1.080 (quad) |
| QB.025_132T4 | /G1.080 (quad) | QB.025C132T2 | /G1.080 (quad) |
| QB.025_148 | /G1.285 | QB.025C148 | /G1.185 |
| QB.025_164A | /G1.280 | QB.025C164A | /G1.280 |
| QB.025_164B | /G1.285 | QB.025C164B | /G1.285 |
| QB.025_164C | /G1.290 | QB.025C164C | /G1.290 |
| QB.025_164T1 | /G1.280 (quad) | QB.025C164T2 | /G1.280 (quad) |
| QB.025_196 | /G1.480 | QB.025C196 | /G1.480 |
| QB.025_196S2 | /G1.600 | QB.025C196S1 | /G1.600 |
| QB.025_244 | /G1.780 | QB.025C244 | /G1.780 |
| QB.025_44 | /G.535 | QB.025C44 | /G.535 |
| QB.025_52A | /G.580 | QB.025C52A | /G.580 |
| QB.025_52B | /G.585 | QB.025C52B | /G.585 |
| QB.025_68A | /G.680 | QB.025C68A | /G.680 |
| QB.025_68B | /G.685 | QB.025C68B | /G.685 |
| QB.025_84A | /G.780 | QB.025C84A | /G.780 |
| QB.025_84B | /G.785 | QB.025C84B | /G.785 |
| QB.025_84C | /G.790 | QB.025C84C | /G.790 |
| QB.025_84T1 | /G.780 (quad) | | |

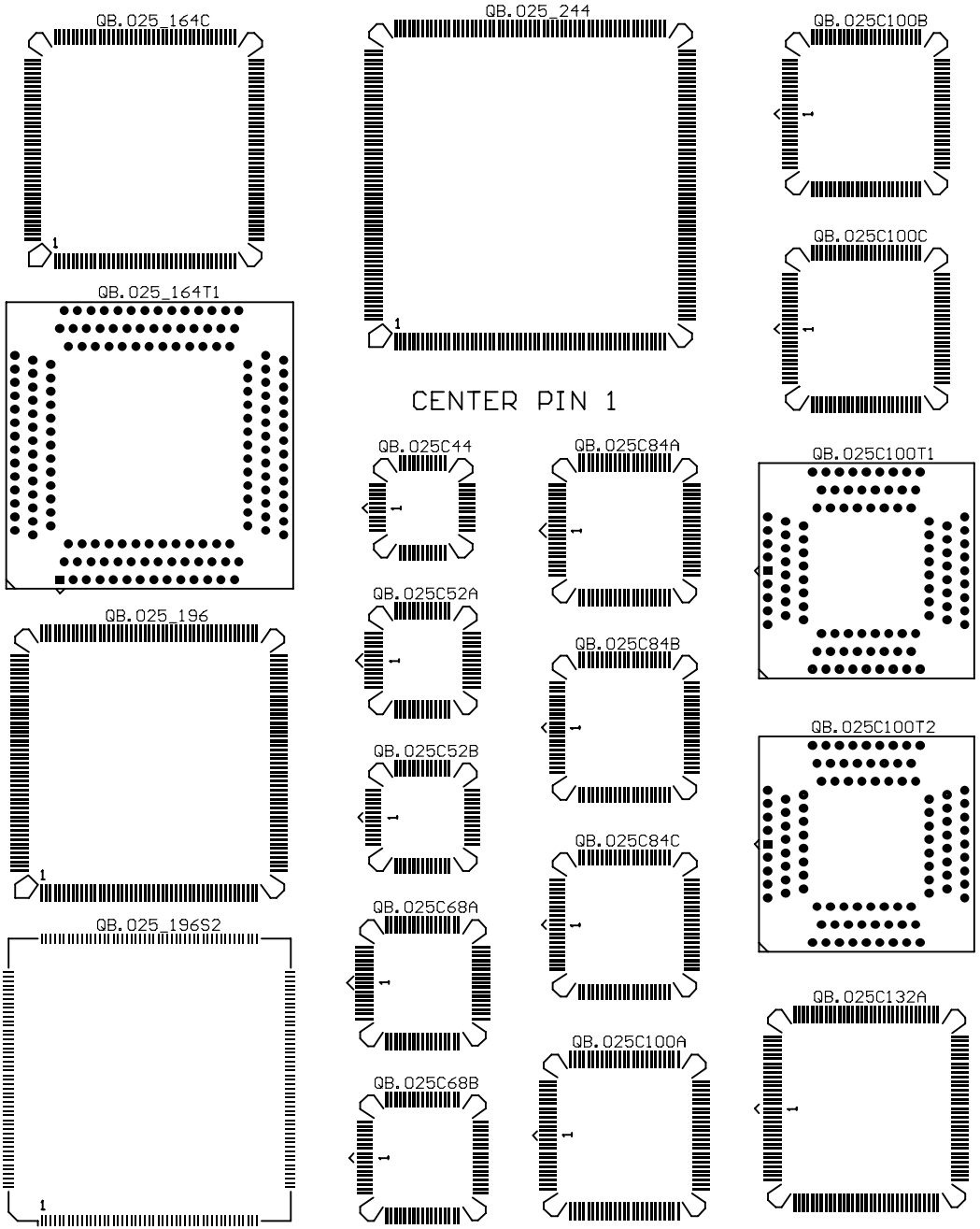
BUMPERED QUADS

REFER TO LISTING FOR FULL NAME DESCRIPTION



| | | |
|---------------|-----------------------|---------|
| REVISION 6.80 | BUMPERED QUAD LIBRARY | |
| QUADB.LIB | | QUADB-1 |

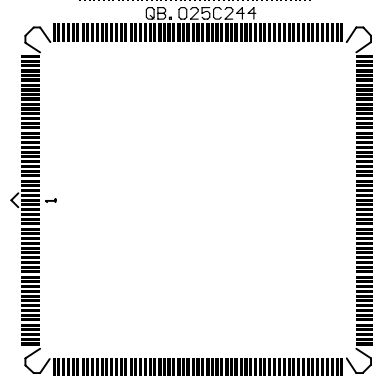
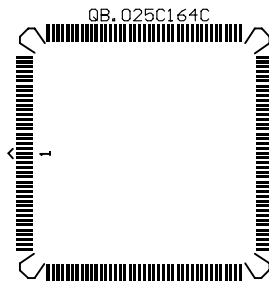
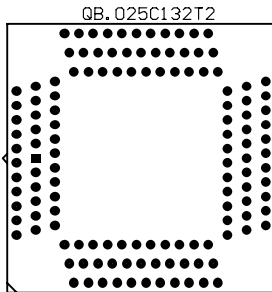
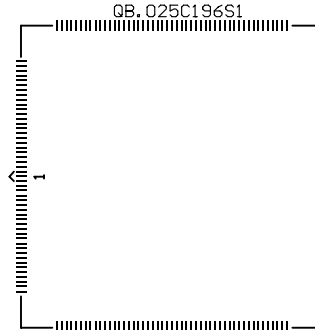
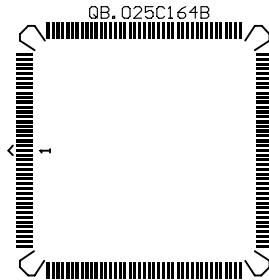
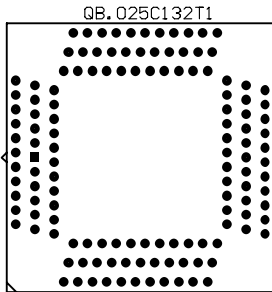
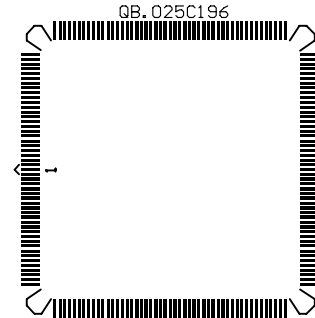
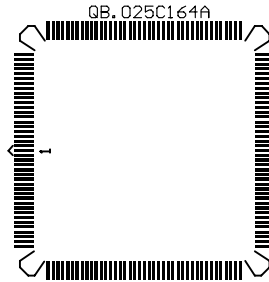
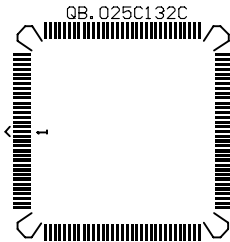
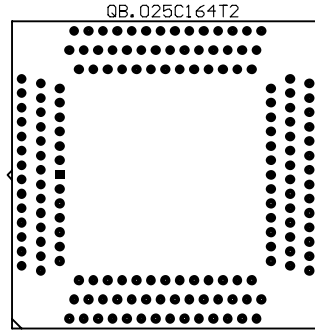
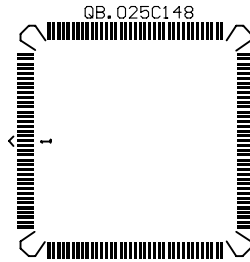
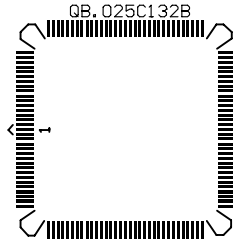
BUMPERED QUADS



CENTER PIN 1

| | | |
|---------------|-----------------------|---------|
| REVISION 6.80 | BUMPERED QUAD LIBRARY | |
| QUADB.LIB | | QUADB-2 |

BUMPERED QUADS



| | | |
|---------------|-----------------------|---------|
| REVISION 6.80 | BUMPERED QUAD LIBRARY | |
| QUADB.LIB | | QUADB-3 |

| | | |
|---------|---|--|
| SIM | = | Single In-line Memory Module sockets |
| 050 | = | Pitch in mils |
| L, R, V | = | Angle (Low profile, Right angle or Vertical) |
| L, R | = | Polarization (Left or Right) |
| 2X | = | Dual |
| Number | = | Pin count |

**Dual Low Profile
Left Polarized**

SIM050LL2X40
SIM050LL2X56
SIM050LL2X60
SIM050LL2X64
SIM050LL2X68
SIM050LL2X72
SIM050LL2X80

**Rt. Angle
Left Polarized**

SIM050RL40
SIM050RL64
SIM050RL68
SIM050RL72
SIM050RL80
SIM050RL84

**Dual Vertical
Left Polarized**

SIM050VL2X00
SIM050VL2X38
SIM050VL2X40
SIM050VL2X64
SIM050VL2X68
SIM050VL2X72
SIM050VL2X80

**Dual Vertical
Right Polarized**

SIM050VR2X00
SIM050VR2X38
SIM050VR2X40
SIM050VR2X64
SIM050VR2X68
SIM050VR2X72
SIM050VR2X80

**Low Profile
Left Polarized**

SIM050LL40
SIM050LL56
SIM050LL60
SIM050LL64
SIM050LL68
SIM050LL72
SIM050LL80

**Rt. Angle
Right Polarized**

SIM050RR64
SIM050RR68
SIM050RR72
SIM050RR80

**Vertical
Left Polarized**

SIM050VL38
SIM050VL40
SIM050VL64
SIM050VL68
SIM050VL72
SIM050VL80
SIM050VL100

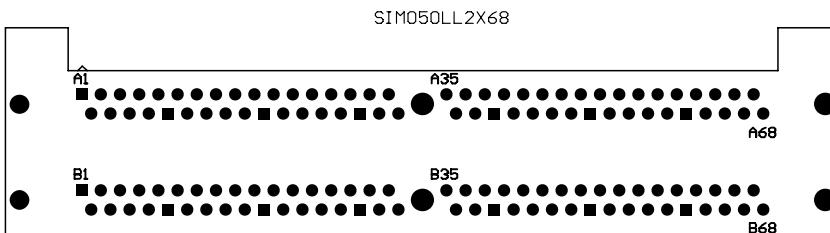
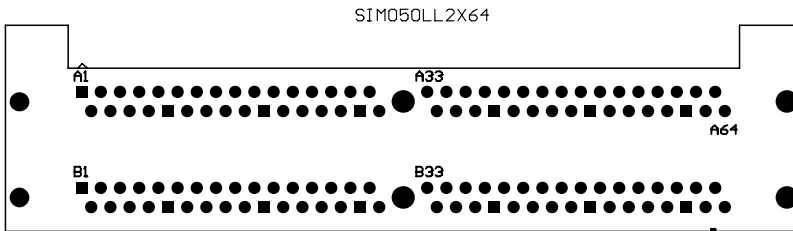
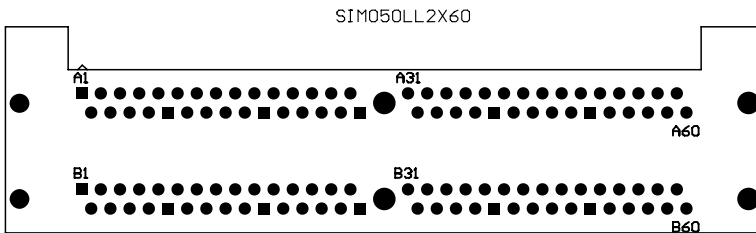
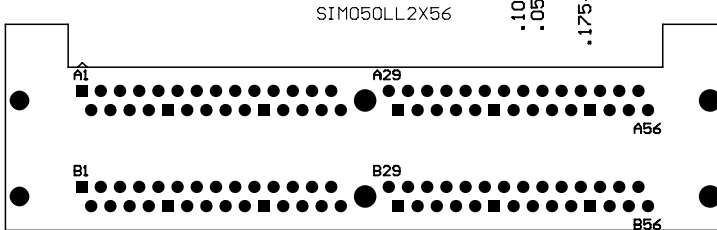
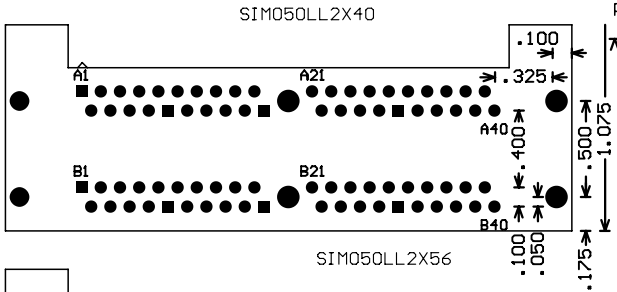
**Vertical
Right Polarized**

SIM050VR38
SIM050VR40
SIM050VR64
SIM050VR68
SIM050VR72
SIM050VR80
SIM050VR100

SIMM .050 SOCKETS

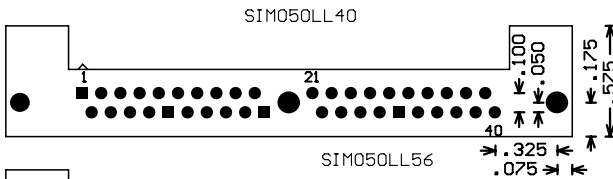
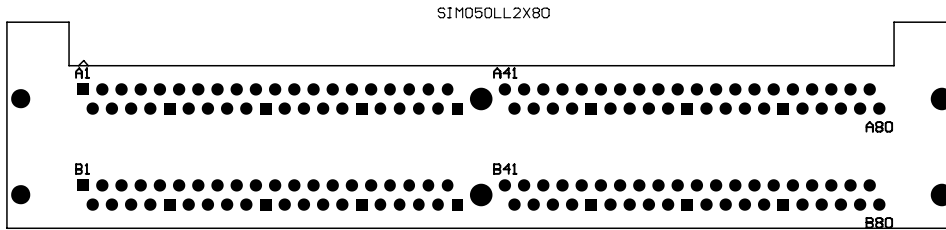
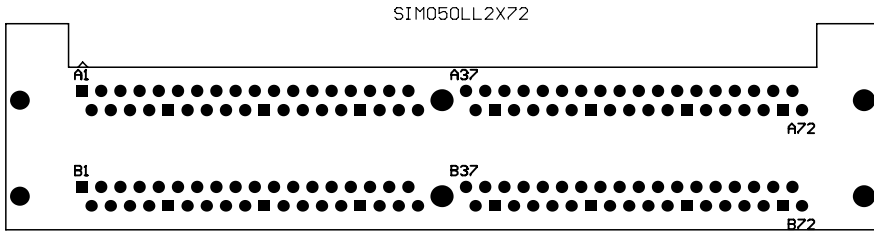
DUAL LOW PROFILE LEFT POLAR SOCKETS

SIMM .050 / LOW PROF LEFT POL / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .095 HOLES

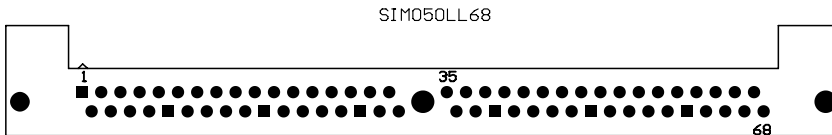
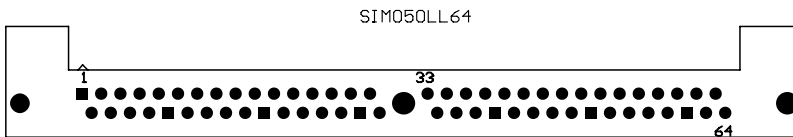
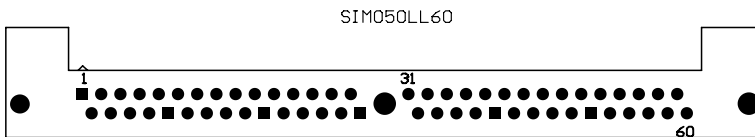
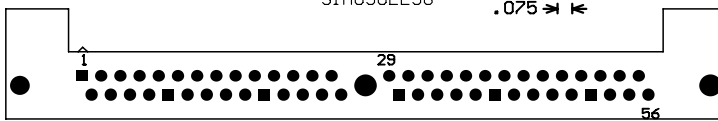


| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-1 |

SIMM .050 SOCKETS

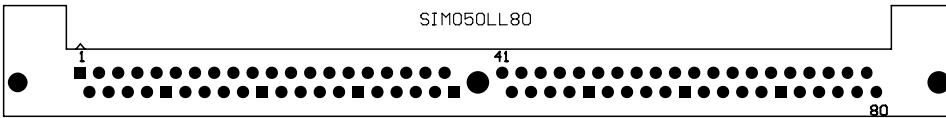
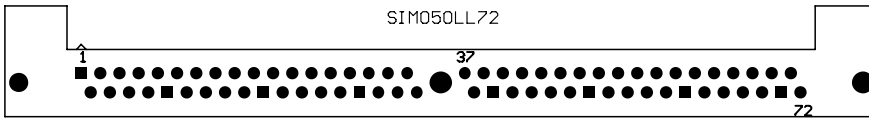


LOW PROFILE LEFT POLAR SOCKETS
 SIMM .050 / LOW PROF LEFT POLARIZED / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .095 HOLES



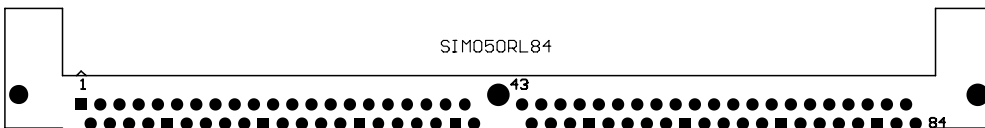
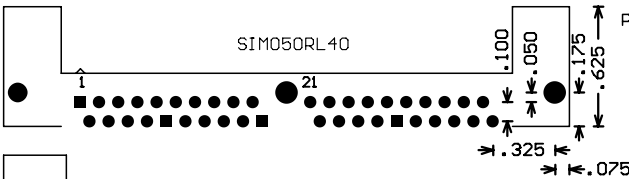
| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-2 |

SIMM .050 SOCKETS



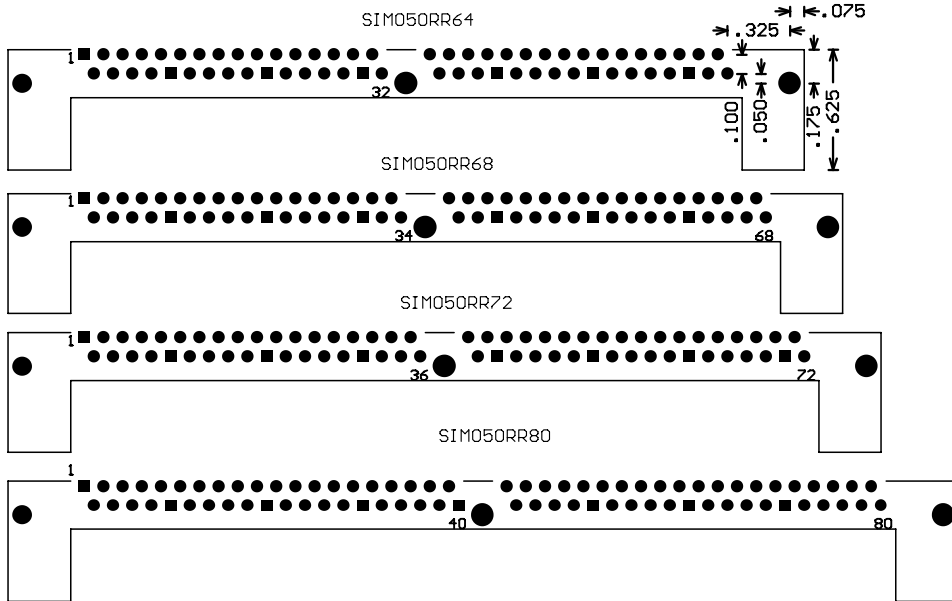
RT. ANGLE LEFT POLARIZED SOCKETS

SIMM .050 / RT. ANGLE LEFT POLAR / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .096 HOLES



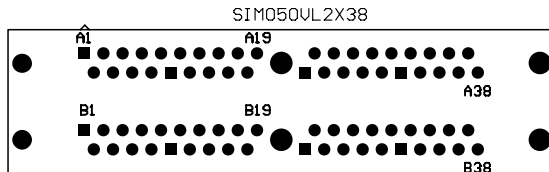
| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-3 |

SIMM .050 SOCKETS



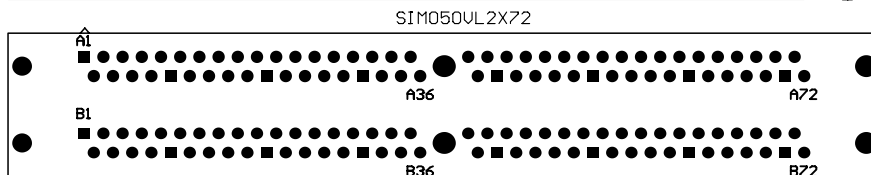
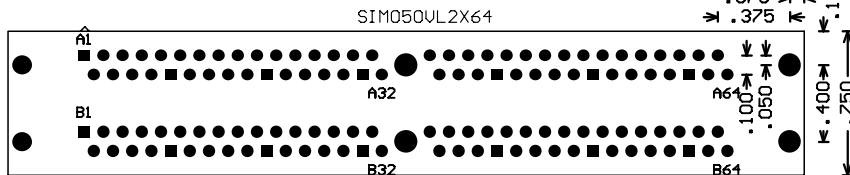
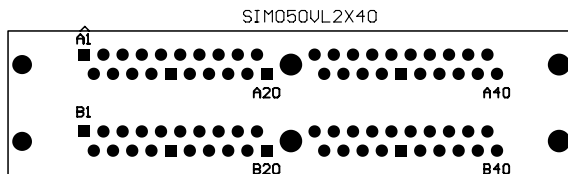
RT. ANGLE RT. POLARIZED SOCKETS

SIMM .050 / RT.ANG RIGHT POLAR / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .096 HOLES



DUAL VERTICAL LEFT POLAR SOCKETS

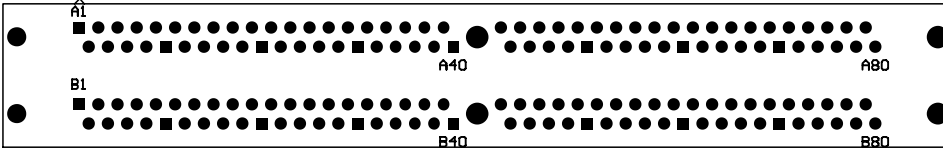
SIMM .050 / VERTICAL LEFT POLAR / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .095 HOLES



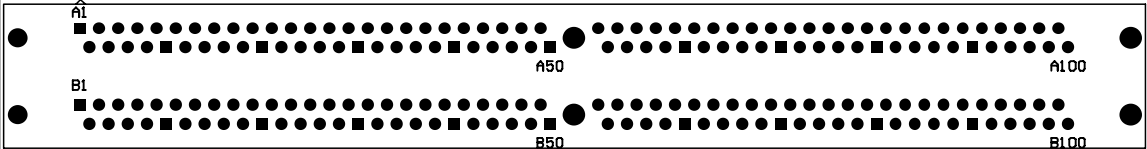
| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-4 |

SIMM .050 SOCKETS

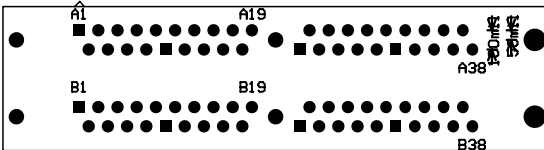
SIM050V2L80



SIM050V2L00



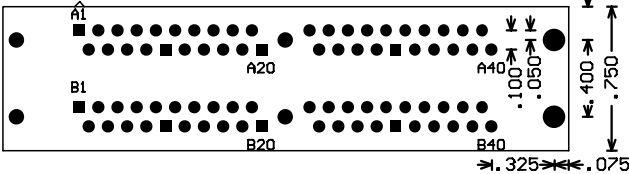
SIM050VR2X38



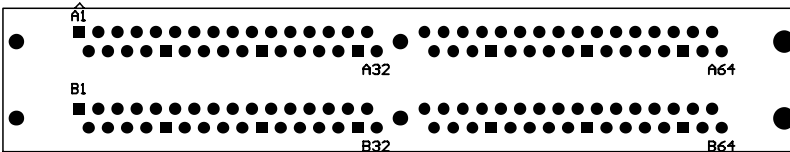
DUAL VERTICAL RT. POLARIZED SOCKETS

SIMM .050 / VERTICAL RT. POLAR / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES

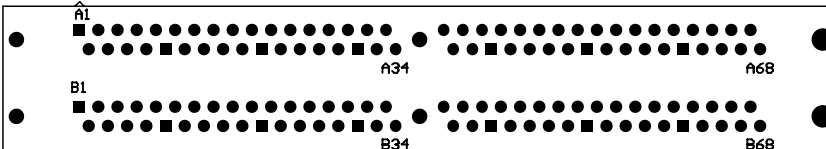
SIM050VR2X40



SIM050VR2X64



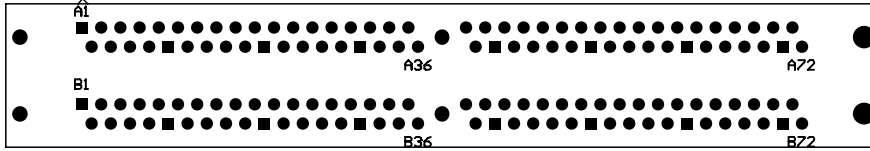
SIM050VR2X68



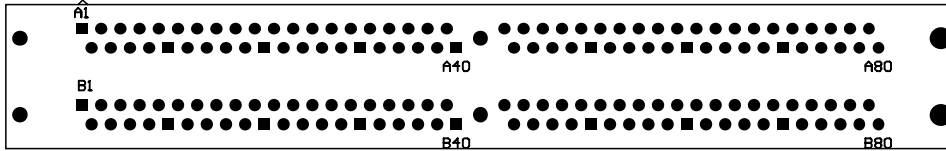
| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-5 |

SIMM .050 SOCKETS

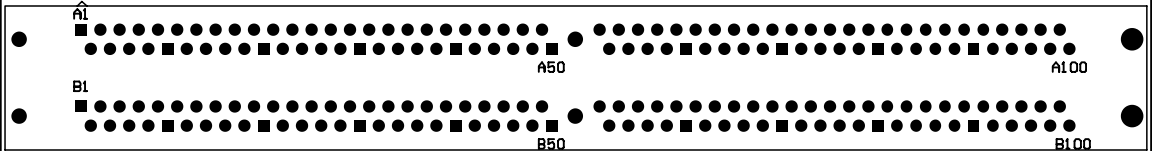
SIM050VR2X72



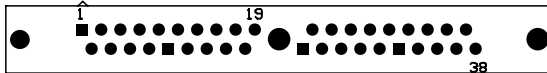
SIM050VR2X80



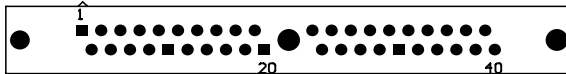
SIM050VR2X00



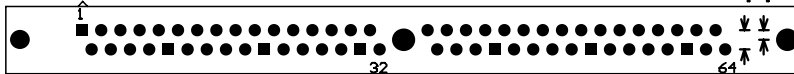
SIM050VL38



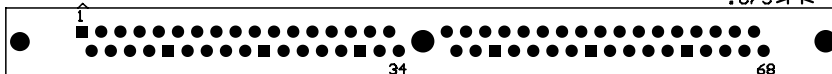
SIM050VL40



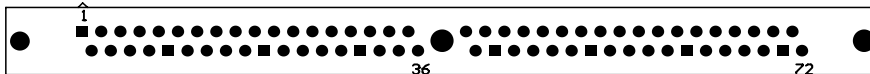
SIM050VL64



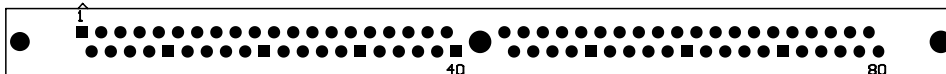
SIM050VL68



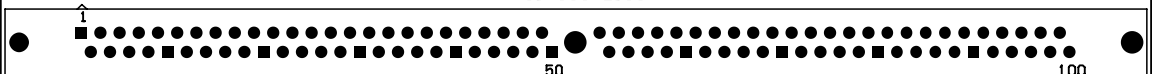
SIM050VL72



SIM050VL80



SIM050VL100

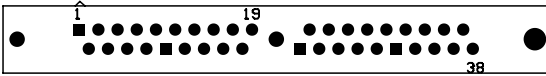


VERTICAL LEFT POLARIZED SOCKETS
 SIMM .050 / VERTICAL LEFT POLARIZED / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .095 HOLES

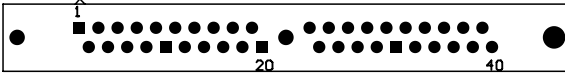
| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-6 |

SIMM .050 SOCKETS

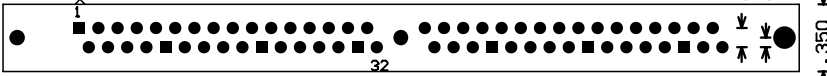
SIM050VR38



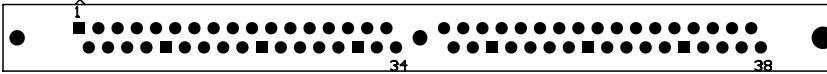
SIM050VR40



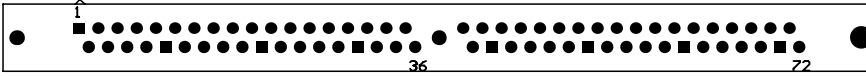
SIM050VR64



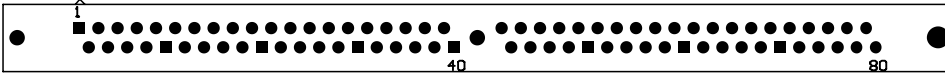
SIM050VR68



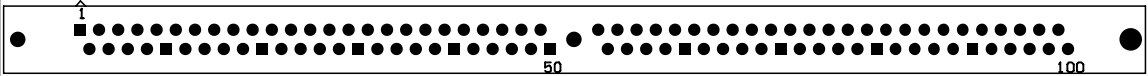
SIM050VR72



SIM050VR80



SIM050VR100



VERTICAL RT. POLARIZED SOCKETS
 SIMM .050 / VERTICAL RT. POLARIZED / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .080 & .095 HOLES

| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .050 LIBRARY | |
| SIMM050.LIB | | SIMM050-7 |

| | | |
|---------|---|--|
| SIM | = | Single In-line Memory Module sockets |
| 100 | = | Pitch in mils |
| L, R, V | = | Angle (Low profile, Right angle or Vertical) |
| Number | = | Pin count |

Dual Low Profile

- SIM100L2X30
- SIM100L2X35
- SIM100L2X40
- SIM100L2X42
- SIM100L2X45

Low Profile

- SIM100L30
- SIM100L35
- SIM100L40
- SIM100L42
- SIM100L45

Rt. Angle

- SIM100R30

Dual Vertical

- SIM100V2X30
- SIM100V2X35
- SIM100V2X40
- SIM100V2X42
- SIM100V2X45

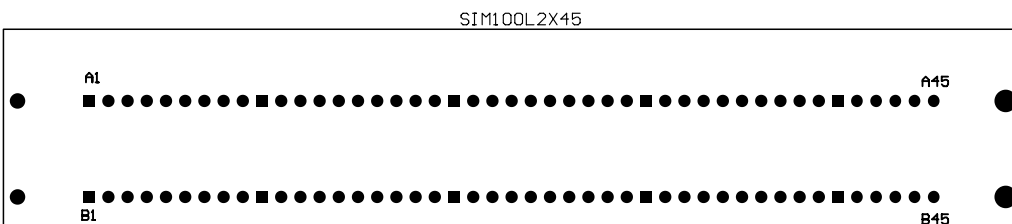
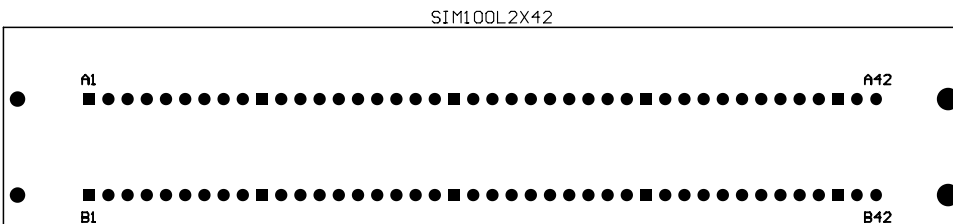
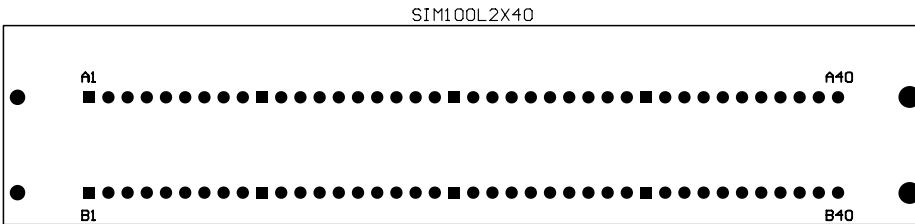
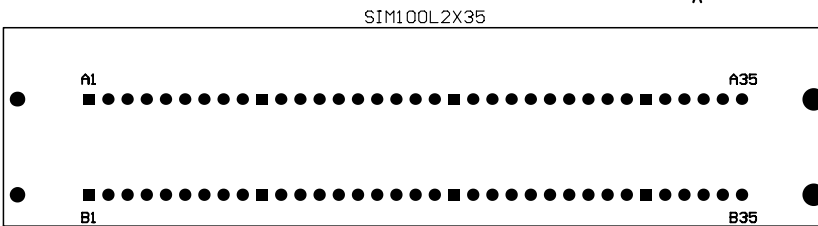
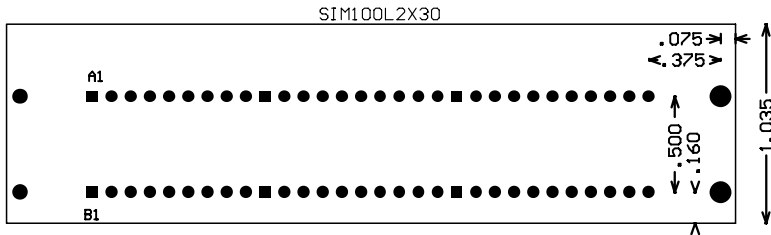
Vertical

- SIM100V30
- SIM100V35
- SIM100V40
- SIM100V42
- SIM100V45

SIMM .100 SOCKETS

DUAL LOW PROFILE SOCKETS

SIMM .100 / LOW PROFILE / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES

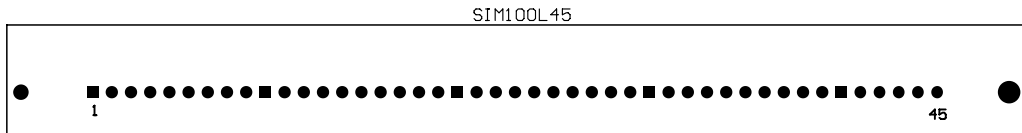
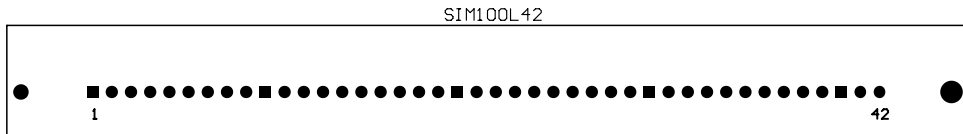
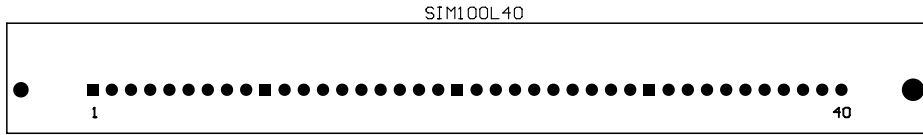
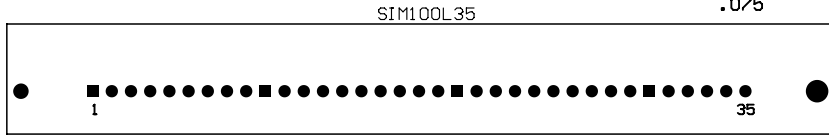
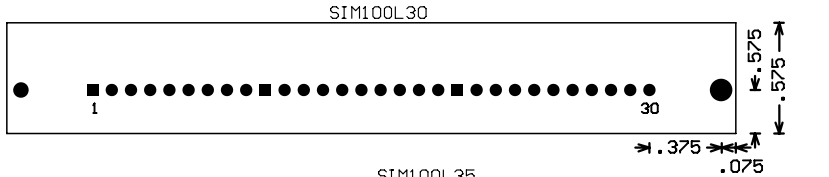


| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .100 LIBRARY | |
| SIMM100.LIB | | SIMM100-1 |

SIMM .100 SOCKETS

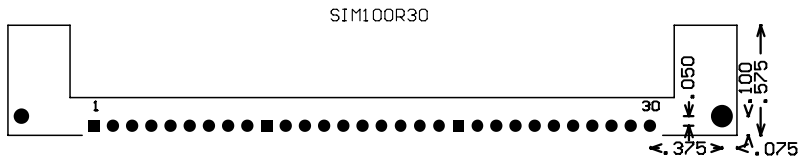
LOW PROFILE SOCKETS

SIMM .100 / LOW PROFILE / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES



RT. ANGLE SOCKETS

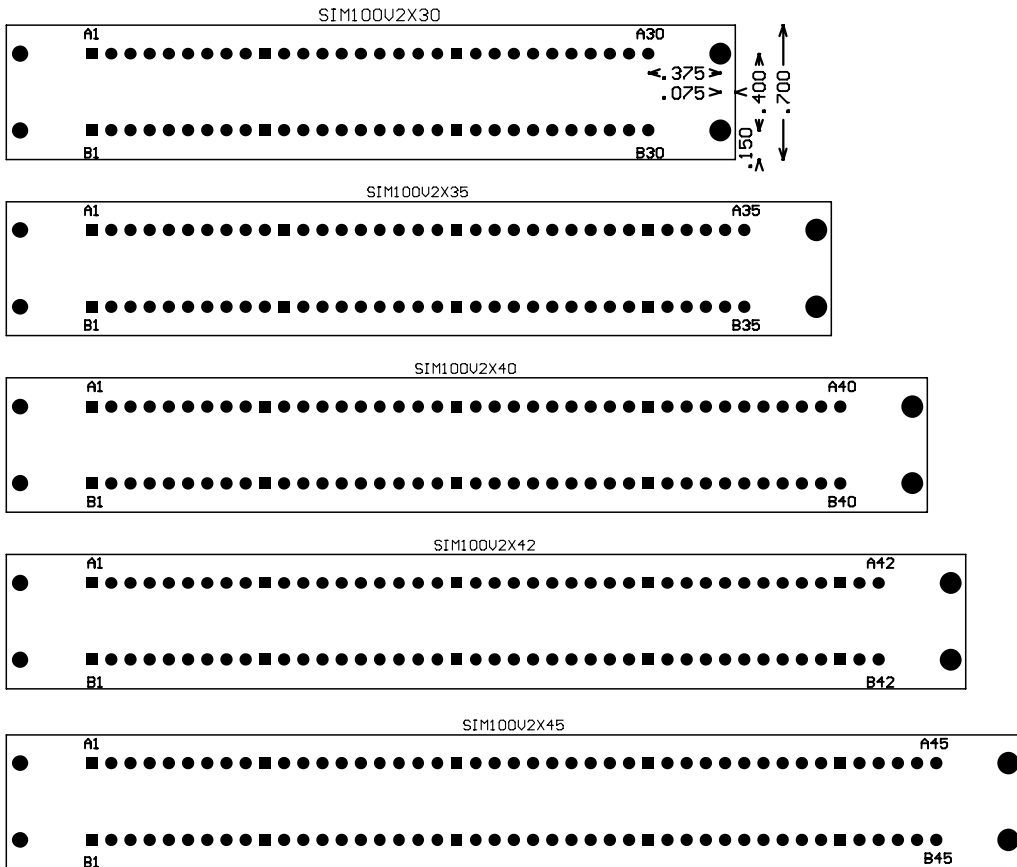
SIMM .100 / RT. ANGLE / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES



| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .100 LIBRARY | |
| SIMM100.LIB | | SIMM100-2 |

SIMM .100 SOCKETS

DUAL VERTICAL SOCKETS
 SIMM .100 / VERTICAL / 2 x PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .064 & .095 HOLES

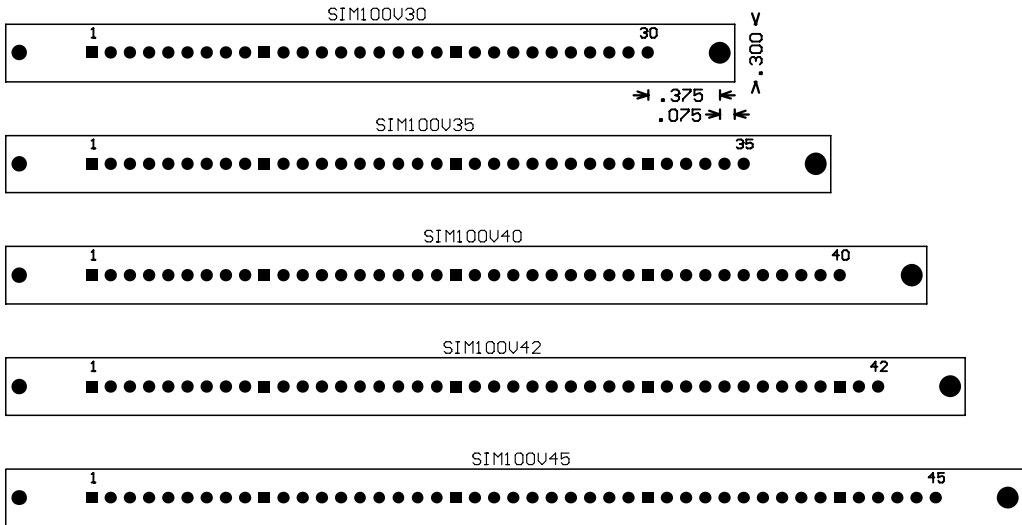


| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .100 LIBRARY | |
| SIMM100.LIB | | SIMM100-3 |

SIMM .100 SOCKETS

VERTICAL SOCKETS

SIMM .100 / VERTICAL / PINS
 PADSTACK : SEQUENTIAL .040 HOLE / .062 PAD
 ALIGNMENT : .062 & .095 HOLES



| | | |
|---------------|-------------------|-----------|
| REVISION 7.00 | SIMM .100 LIBRARY | |
| SIMM100.LIB | | SIMM100-4 |

| | | |
|----------|---|-----------------------------------|
| SIP | = | Single In-line Package components |
| Number | = | Pin count |
| D | = | Dual row mounting pads |
| /SM, /TM | = | Surface mount or Thru-hole mount |
| Number | = | Length in mils |

SIPS

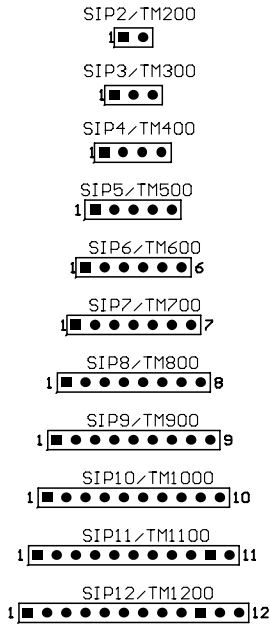
SIP2/TM200
SIP3/TM300
SIP4/TM400
SIP5/TM500
SIP6/TM600
SIP7/TM700
SIP8/SM475
SIP8/TM800
SIP9/SM525
SIP9/TM900
SIP10/SM575
SIP10/TM1000
SIP11/TM1100
SIP12/SM675
SIP12/TM1200
SIP16D/SM475
SIP18D/SM525
SIP20D/SM575
SIP24D/SM675

SIPS

PADSTACK : .034 HOLE/.055 PAD

PADSTACK : .024 X .100 PAD

PADSTACK : .024 X .040 PAD



| | | |
|---------------|-------------|-------|
| REVISION 6.90 | SIP LIBRARY | |
| SIP.LIB | | SIP-1 |

Case / pinout = Generic Cases
 SM / Type / Pinout = Generic Chips

DO Styles

DO213AA/12
 DO213AA/21
 DO213AA/CA
 DO213AB/12
 DO213AB/21
 DO213AB/CA
 DO213AC/12
 DO213AC/21
 DO213AC/CA
 DO214AA/12
 DO214AA/21
 DO214AA/CA
 DO214AB/12
 DO214AB/21
 DO214AB/CA
 DO214AC/12
 DO214AC/21
 DO214AC/CA

MLL Styles

MLL34/12
 MLL34/21
 MLL34/CA
 MLL41/12
 MLL41/21
 MLL41/CA

SC Styles

SC59/123
 SC59/BEC
 SC59/EBC
 SC59/ECB
 SC70/123
 SC70/BEC
 SC70/EBC
 SC70/ECB

Chip Caps

SM/C/0402
 SM/C/0504
 SM/C/0603
 SM/C/0805
 SM/C/1206
 SM/C/1210
 SM/C/1812
 SM/C/1825

Chip Tantalums

SM/CT/3216
 SM/CT/3216PN
 SM/CT/3528
 SM/CT/3528PN
 SM/CT/6032
 SM/CT/6032PN
 SM/CT/7343
 SM/CT/7343PN

Chip Diodes

SM/D/0805/12
 SM/D/0805/21
 SM/D/0805/CA
 SM/D/1206/12
 SM/D/1206/21
 SM/D/1206/CA
 SM/D/1406/12
 SM/D/1406/21
 SM/D/1406/CA
 SM/D/2309/12
 SM/D/2309/21
 SM/D/2309/CA

Chip Inductors

SM/L/0805
 SM/L/1110
 SM/L/1206
 SM/L/1210
 SM/L/1212
 SM/L/1614
 SM/L/1806
 SM/L/1812
 SM/L/2015
 SM/L/2220
 SM/L/3312

Chip Resistors

SM/R/0402
 SM/R/0603
 SM/R/0805
 SM/R/1206
 SM/R/1210
 SM/R/2010
 SM/R/2512

SOD Styles

SOD87/12
 SOD87/21
 SOD87/CA

SOT Styles

SOT23/123
 SOT23/231
 SOT23/312
 SOT23/BCE
 SOT23/BEC
 SOT23/CBE
 SOT23/DGS
 SOT23/DSG
 SOT23/EBC
 SOT23/ECB
 SOT23/GDS
 SOT23/GSD
 SOT23/SDG
 SOT23/SGD

SOT89/1-34
 SOT89/1234
 SOT89/EBCB#
 SOT89/SDGD#

SOT143/1234
 SOT143/BCEC#
 SOT143/CBEE#
 SOT143/CEBE#
 SOT223/1234
 SOT223/ACNC#
 SOT223/BCEC#
 SOT223/GDSD#
 SOT223/SDGD#

Miscellaneous

DPAK
 SM/SMB

SM DISCRETES

DO

MLL

SC59

C CHIP

TANT CHIP

D CHIP

L CHIP

D0213AA/12



D0213AA/21



D0213AA/CA



D0213AB/12



D0213AB/21



D0213AB/CA



D0213AC/12



D0213AC/21



D0213AC/CA



D0214AA/12



D0214AA/21



D0214AA/CA



D0214AB/12



D0214AB/21



D0214AB/CA



D0214AC/12



D0214AC/21



D0214AC/CA



MLL34/12



MLL34/21



MLL34/CA



MLL41/12



MLL41/21



MLL41/CA



SC59/123



SC59/BEC



SC59/EBC



SC59/ECB



SC70

SC70/ECB



SC70/123



SC70/BEC



SC70/EBC



SM/C/0402



SM/C/0504



SM/C/0603



SM/C/0805



SM/C/1206



SM/C/1210



SM/C/1812



SM/C/1825



SM/CT/3216



SM/CT/3216PN



SM/CT/3528



SM/CT/3528PN



SM/CT/6032



SM/CT/6032PN



SM/CT/7343



SM/CT/7343PN



SM/D/0805/12



SM/D/0805/21



SM/D/0805/CA



SM/D/1206/12



SM/D/1206/21



SM/D/1206/CA



SM/D/1406/12



SM/D/1406/21



SM/D/1406/CA



SM/D/2309/12



SM/D/2309/21



SM/D/2309/CA



SM/L/0805



SM/L/1110



SM/L/1206



SM/L/1210



SM/L/1212



SM/L/1614



SM/L/1806



SM/L/1812



SM/L/2015



SM/L/2220



SM/L/3312



SM/L/3312



REVISION 6.80








SM DISCRETE LIBRARY

SM.LIB

SM-1

SM DISCRETES




R CHIP

- SM/R/0402 
- SM/R/0603 
- SM/R/0805 
- SM/R/1206 
- SM/R/1210 
- SM/R/2010 
- SM/R/2512 





SOD

- SOD87/12 
- SOD87/21 
- SOD87/CA 





SOT 23

- SOT23/123 
- SOT23/231 
- SOT23/312 
- SOT23/BCE 
- SOT23/BEC 
- SOT23/CBE 
- SOT23/DGS 
- SOT23/DSG 
- SOT23/EBC 
- SOT23/ECB 
- SOT23/GDS 
- SOT23/GSD 
- SOT23/SDG 
- SOT23/SGD 






SOT 89

- SOT89/1-34 
- SOT89/1234 
- SOT89/EBCB# 
- SOT89/SDGD# 

SOT 143

- SOT143/1234 
- SOT143/BCEC# 
- SOT143/CBEE# 
- SOT143/CEBE# 

SOT 223

- SOT223/1234 
- SOT223/ACNC# 
- SOT223/BCEC# 
- SOT223/GDSD# 
- SOT223/SDGD# 

MISC

- DPAK 
- SM/SMB 

| | | |
|---------------|---------------------|------|
| REVISION 6.80 | SM DISCRETE LIBRARY | |
| SM.LIB | | SM-2 |

SM_GULLS.LIB

| | | |
|--------------|---|--|
| SOG | = | Small Outline Gull-wing IC Families - SOIC, SOP, TSOP, ... |
| Number | = | Pitch |
| M | = | mm (default inches) |
| / Number | = | Pin count |
| A, B, C, ... | = | Variant |
| | | |
| / W x L | = | Gulls width (MAX) x Length specifier |

.025 inch

Gulls (max) x Length

SOG.025/28A /WG.420/L.375
 SOG.025/28B /WG.420/L.400
 SOG.025/48A /WG.420/L.600
 SOG.025/48B /WG.420/L.625
 SOG.025/48C /WG.420/L.650
 SOG.025/56A /WG.420/L.700
 SOG.025/56B /WG.420/L.725

SOG.050/28C /WG.480/L.700
 SOG.050/28D /WG.480/L.725
 SOG.050/28E /WG.500/L.750
 SOG.050/30A /WG.500/L.850
 SOG.050/32A /WG.420/L.800
 SOG.050/32B /WG.420/L.825
 SOG.050/32C /WG.420/L.850
 SOG.050/32D /WG.480/L.825
 SOG.050/32E /WG.480/L.850
 SOG.050/32F /WG.575/L.850

.050 inch

/ Gulls (max) x Length

SOG.050/10A /WG.275/L.350
 SOG.050/12A /WG.275/L.350
 SOG.050/14A /WG.244/L.325
 SOG.050/14B /WG.244/L.350
 SOG.050/14C /WG.244/L.375
 SOG.050/14D /WG.275/L.450
 SOG.050/14E /WG.420/L.350
 SOG.050/14F /WG.420/L.375
 SOG.050/16A /WG.244/L.375
 SOG.050/16B /WG.244/L.400
 SOG.050/16C /WG.244/L.425
 SOG.050/16D /WG.350/L.450
 SOG.050/16E /WG.420/L.400
 SOG.050/16F /WG.420/L.425
 SOG.050/18A /WG.350/L.550
 SOG.050/20A /WG.350/L.550
 SOG.050/20B /WG.420/L.500
 SOG.050/20C /WG.420/L.525
 SOG.050/20D /WG.420/L.550
 SOG.050/22A /WG.425/L.650
 SOG.050/24A /WG.420/L.600
 SOG.050/24B /WG.420/L.625
 SOG.050/24C /WG.425/L.650
 SOG.050/24D /WG.480/L.600
 SOG.050/24E /WG.480/L.625
 SOG.050/28A /WG.420/L.700
 SOG.050/28B /WG.420/L.725

SOG.050/36A /WG.575/L.950
 SOG.050/38A /WG.480/L.900
 SOG.050/38B /WG.480/L.925
 SOG.050/40A /WG.650/L1.100
 SOG.050/42A /WG.650/L1.100
 SOG.050/44A /WG.642/L1.150
 SOG.050/6A /WG.275/L.250
 SOG.050/8A /WG.244/L.175
 SOG.050/8B /WG.244/L.200
 SOG.050/8C /WG.244/L.225
 SOG.050/8D /WG.275/L.250
 SOG.050/8E /WG.420/L.200
 SOG.050/8F /WG.420/L.225

.30mm

/ Gulls (max) x Length

SOG.30M/36A /WG20.20/L6.20
 SOG.30M/52A /WG20.20/L8.20
 SOG.30M/64A /WG20.20/L10.20
 SOG.30M/76A /WG20.20/L12.20

.40mm

/ Gulls (max) x Length

SOG.40M/24A /WG16.20/L6.40
 SOG.40M/28A /WG18.20/L6.20
 SOG.40M/40A /WG18.20/L8.20
 SOG.40M/48A /WG18.20/L10.20
 SOG.40M/60A /WG18.20/L12.20

.50mm / Gulls (max) x Length

| | |
|-------------|-----------------|
| SOG.50M/32A | /WG16.20/L8.20 |
| SOG.50M/32B | /WG20.20/L8.25 |
| SOG.50M/40A | /WG16.20/L10.20 |
| SOG.50M/40B | /WG20.20/L10.60 |
| SOG.50M/48A | /WG8.40/L12.70 |
| SOG.50M/48B | /WG8.40/L13.33 |
| SOG.50M/48C | /WG16.20/L12.20 |
| SOG.50M/56A | /WG8.40/L13.97 |
| SOG.50M/56B | /WG8.40/L14.60 |
| SOG.50M/56C | /WG20.20/L14.60 |

.65mm / Gulls (max) x Length

| | |
|-------------|-----------------|
| SOG.65M/8A | /WG8.20/L3.17 |
| SOG.65M/8B | /WG8.20/L3.80 |
| SOG.65M/14A | /WG8.20/L6.35 |
| SOG.65M/14B | /WG8.20/L6.98 |
| SOG.65M/16A | /WG8.20/L6.35 |
| SOG.65M/16B | /WG8.20/L6.99 |
| SOG.65M/16C | /WG14.20/L6.20 |
| SOG.65M/20A | /WG8.20/L6.98 |
| SOG.65M/20B | /WG8.20/L7.62 |
| SOG.65M/24A | /WG8.20/L8.25 |
| SOG.65M/24B | /WG8.20/L8.90 |
| SOG.65M/24C | /WG14.20/L7.80 |
| SOG.65M/28A | /WG8.20/L10.16 |
| SOG.65M/28B | /WG8.20/L10.80 |
| SOG.65M/28C | /WG14.20/L9.80 |
| SOG.65M/30A | /WG8.20/L10.16 |
| SOG.65M/30B | /WG8.20/L10.60 |
| SOG.65M/36A | /WG14.20/L11.80 |
| SOG.65M/38A | /WG8.20/L12.70 |
| SOG.65M/38B | /WG8.20/L13.33 |

.80mm / Gulls (max) x Length

| | |
|-------------|-----------------|
| SOG.80M/64A | /WG14.50/L26.43 |
|-------------|-----------------|

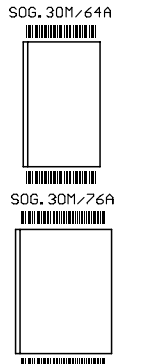
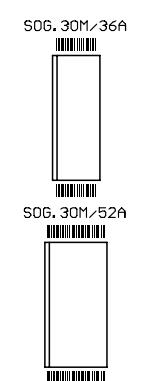
SM GULL-WING IC FAMILIES

REFER TO LISTING FOR FULL DESCRIPTION

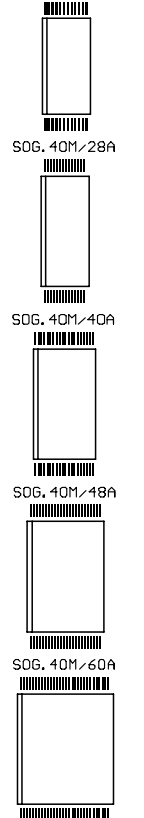
.025 PITCH



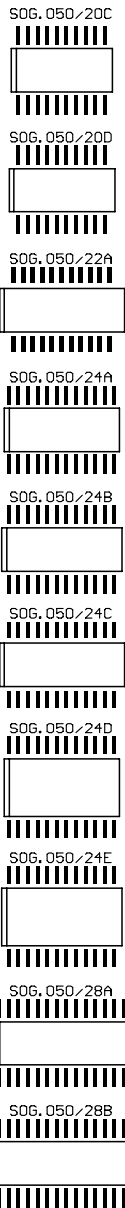
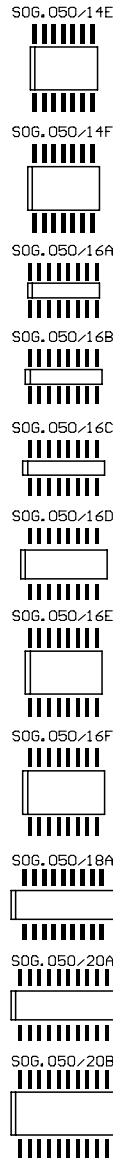
.30mm PITCH



.40mm PITCH



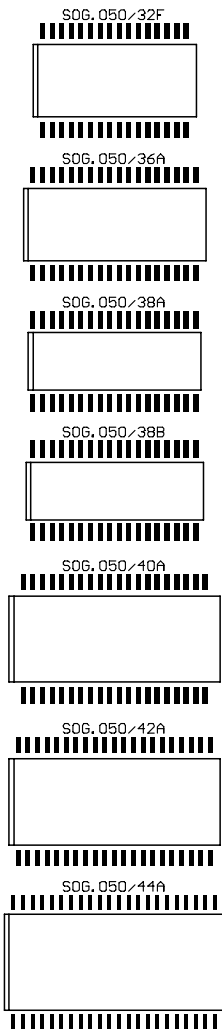
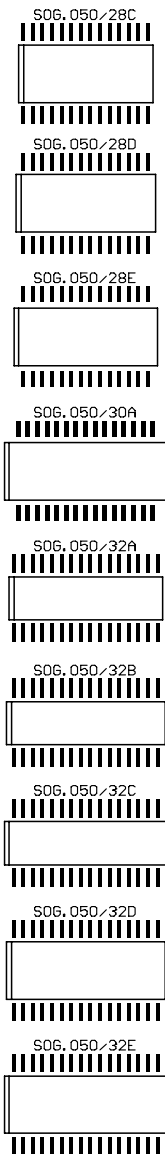
.050 PITCH



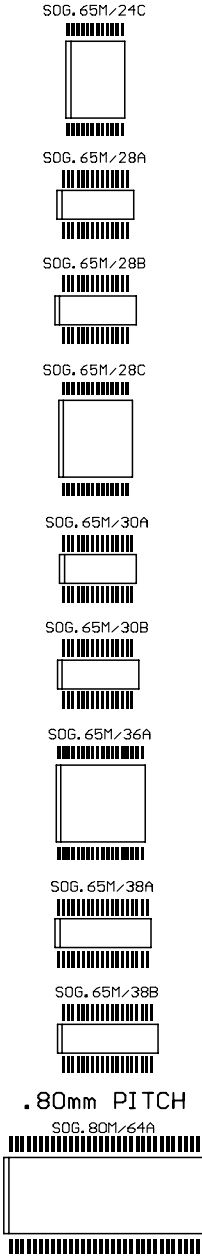
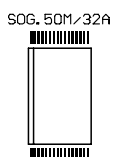
| | | |
|---------------|-------------------------|------------|
| REVISION 7.00 | SM GULL-WING IC LIBRARY | |
| SM_GULLS.LIB | | SM_GULLS-1 |

SM GULL-WING IC FAMILIES

.65mm PITCH



.50mm PITCH



.80mm PITCH

| | | |
|---------------|-------------------------|------------|
| REVISION 7.00 | SM GULL-WING IC LIBRARY | PAGE |
| SM_GULLS.LIB | | SM_GULLS-2 |

SM_JLEAD.LIB

| | | |
|--------------|---|--|
| SOJ | = | Small Outline J-Lead IC Families |
| Number | = | Pitch in inches |
| / Number | = | Pin count |
| A, B, C, ... | = | Variant |
| | | |
| / W x L | = | Variant Width x Length specifier in inches |

| .050 inch | / Width x Length | | |
|------------------|-------------------------|-------------|---------------|
| | | SOJ.050/20A | /WB.300/L.450 |
| | | SOJ.050/20B | /WB.300/L.550 |
| SOJ.050/14A | /WB.300/L.350 | SOJ.050/20C | /WB.350/L.500 |
| SOJ.050/14B | /WB.300/L.375 | SOJ.050/20D | /WB.350/L.550 |
| SOJ.050/14C | /WB.300/L.400 | SOJ.050/20E | /WB.400/L.500 |
| SOJ.050/14D | /WB.350/L.350 | SOJ.050/20F | /WB.400/L.550 |
| SOJ.050/14E | /WB.350/L.375 | SOJ.050/20G | /WB.450/L.500 |
| SOJ.050/14F | /WB.350/L.400 | SOJ.050/20H | /WB.450/L.550 |
| SOJ.050/14G | /WB.400/L.350 | | |
| SOJ.050/14H | /WB.400/L.375 | SOJ.050/22A | /WB.300/L.550 |
| SOJ.050/14J | /WB.400/L.400 | SOJ.050/22B | /WB.300/L.600 |
| SOJ.050/14K | /WB.450/L.350 | SOJ.050/22C | /WB.350/L.550 |
| SOJ.050/14L | /WB.450/L.375 | SOJ.050/22D | /WB.350/L.600 |
| SOJ.050/14M | /WB.450/L.400 | SOJ.050/22E | /WB.400/L.550 |
| | | SOJ.050/22F | /WB.400/L.600 |
| SOJ.050/16A | /WB.300/L.400 | SOJ.050/22G | /WB.450/L.550 |
| SOJ.050/16B | /WB.300/L.425 | SOJ.050/22H | /WB.450/L.600 |
| SOJ.050/16C | /WB.300/L.450 | | |
| SOJ.050/16D | /WB.350/L.400 | SOJ.050/24A | /WB.300/L.600 |
| SOJ.050/16E | /WB.350/L.425 | SOJ.050/24B | /WB.300/L.625 |
| SOJ.050/16F | /WB.350/L.450 | SOJ.050/24C | /WB.300/L.650 |
| SOJ.050/16G | /WB.400/L.400 | SOJ.050/24D | /WB.350/L.600 |
| SOJ.050/16H | /WB.400/L.425 | SOJ.050/24E | /WB.350/L.625 |
| SOJ.050/16J | /WB.400/L.450 | SOJ.050/24F | /WB.350/L.650 |
| SOJ.050/16K | /WB.450/L.400 | SOJ.050/24G | /WB.400/L.600 |
| SOJ.050/16L | /WB.450/L.425 | SOJ.050/24H | /WB.400/L.625 |
| SOJ.050/16M | /WB.450/L.450 | SOJ.050/24J | /WB.400/L.650 |
| | | SOJ.050/24K | /WB.450/L.600 |
| SOJ.050/18A | /WB.300/L.450 | SOJ.050/24L | /WB.450/L.625 |
| SOJ.050/18B | /WB.300/L.500 | SOJ.050/24M | /WB.450/L.650 |
| SOJ.050/18C | /WB.350/L.450 | | |
| SOJ.050/18D | /WB.350/L.500 | | |
| SOJ.050/18E | /WB.400/L.450 | | |
| SOJ.050/18F | /WB.400/L.500 | | |
| SOJ.050/18G | /WB.450/L.450 | | |
| SOJ.050/18H | /WB.450/L.500 | | |

SOJ.050/26A /-6/WB.300/L.650
SOJ.050/26B /-6/WB.300/L.700
SOJ.050/26C /WB.300/L.650
SOJ.050/26D /WB.300/L.700
SOJ.050/26E /WB.350/L.650
SOJ.050/26F /WB.350/L.700
SOJ.050/26G /WB.400/L.650
SOJ.050/26H /WB.400/L.700
SOJ.050/26J /WB.450/L.650
SOJ.050/26K /WB.450/L.700

SOJ.050/28A /SKT
SOJ.050/28B /WB.300/L.700
SOJ.050/28C /WB.300/L.750
SOJ.050/28D /WB.350/L.700
SOJ.050/28E /WB.350/L.750
SOJ.050/28F /WB.400/L.700
SOJ.050/28G /WB.400/L.750
SOJ.050/28H /WB.450/L.700
SOJ.050/28J /WB.450/L.750

SOJ.050/32A /SKT
SOJ.050/32B /WB.300/L.800
SOJ.050/32C /WB.300/L.850
SOJ.050/32D /WB.400/L.800
SOJ.050/32E /WB.400/L.850

SOJ.050/34A /WB.400/L.850
SOJ.050/34B /WB.400/L.900

SOJ.050/36A /WB.400/L.900
SOJ.050/36B /WB.400/L.950

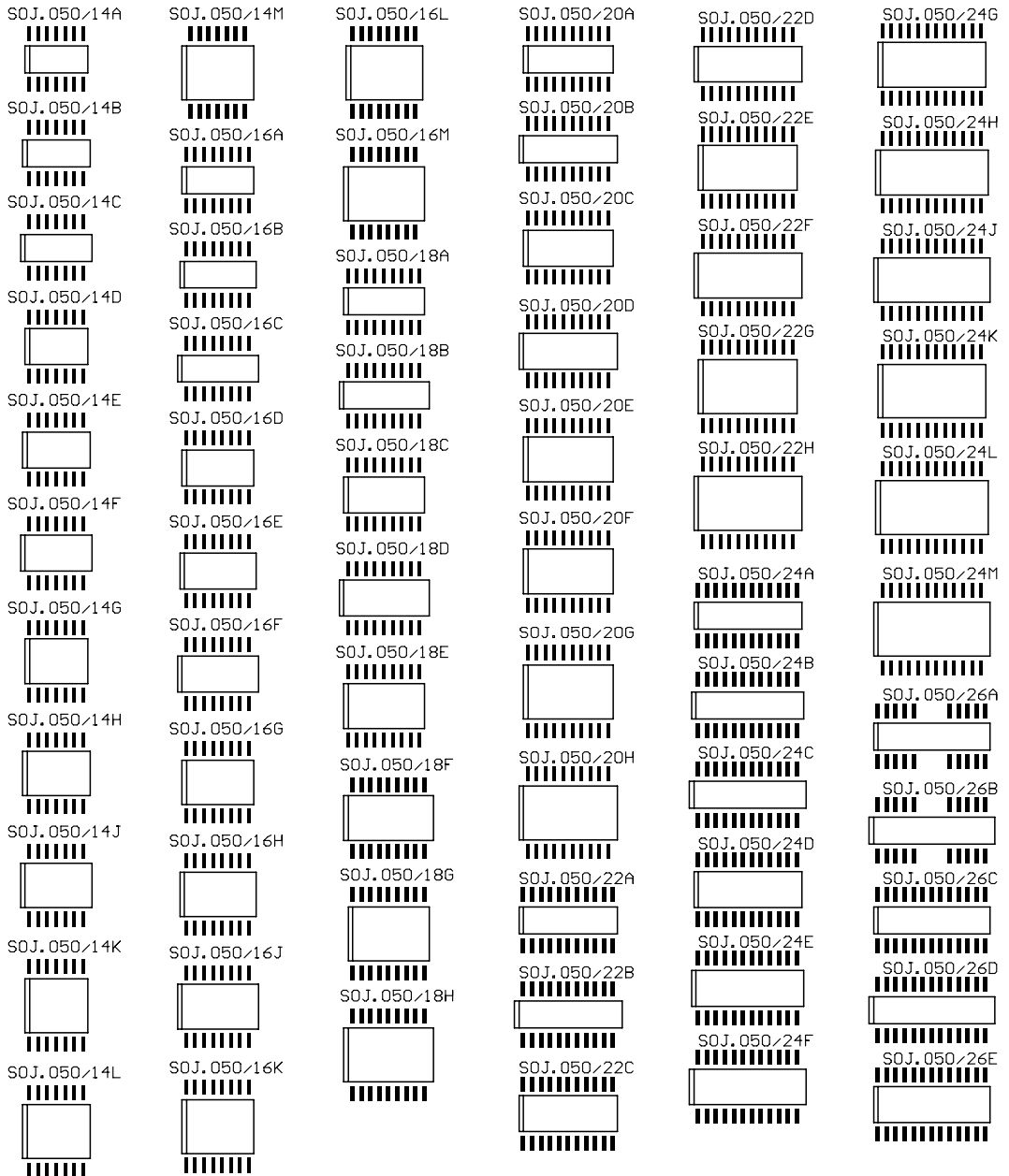
SOJ.050/40A /SKT
SOJ.050/40B /WB.400/L1.000
SOJ.050/40C /WB.400/L1.050

SOJ.050/42A /WB.400/L1.050
SOJ.050/42B /WB.400/L1.100

SOJ.050/44A /WB.400/L1.100
SOJ.050/44B /WB.400/L1.150

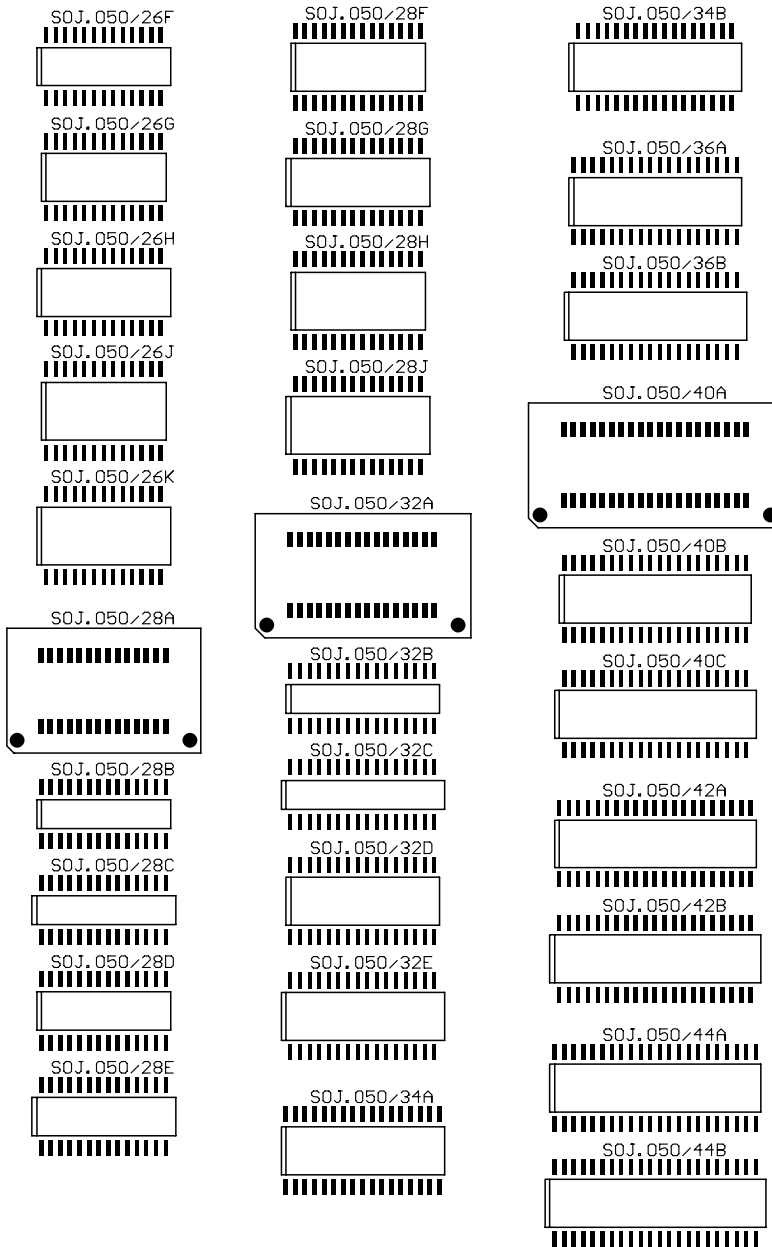
SM J-LEAD IC FAMILIES

REFER TO LISTING FOR FULL DESCRIPTION



| | | |
|---------------|----------------------|------------|
| REVISION 7.00 | SM J-LEAD IC LIBRARY | |
| SM_JLEAD.LIB | | SM_JLEAD-1 |

SM J-LEAD IC FAMILIES



| | | |
|---------------|----------------------|------------|
| REVISION 7.00 | SM J-LEAD IC LIBRARY | |
| SM_JLEAD.LIB | | SM_JLEAD-2 |

TM_AXIAL.LIB

| | | |
|--------|---|-------------------------------------|
| AX | = | Thru-hole mount Axial |
| Number | = | Length (Pad-to-pad centers) in mils |
| X | = | by |
| Number | = | Width (diameter) in mils |
| H | = | by |
| Number | = | Hole size in mils |

**Axial Non-polar
L (Pad-to-pad)
W (Width/Dia)
H (Hole Size)**

AX : HELP

AX300X100H28
AX300X100H31
AX325X100H31
AX350X100H31
AX350X100H34
AX375X100H31
AX375X100H34

AX400X100H31
AX400X100H34
AX400X125H31
AX400X125H34
AX425X100H31
AX425X100H34
AX425X150H40
AX450X100H31
AX450X100H34
AX450X125H34
AX450X150H34
AX475X100H31
AX475X100H34
AX475X125H31
AX475X125H34

AX500X100H31
AX500X100H34
AX500X125H34
AX500X150H34
AX500X150H37
AX500X175H34
AX500X175H37
AX500X200H34
AX500X200H37
AX500X200H40
AX525X100H31
AX525X125H34
AX550X100H31
AX550X125H34
AX550X150H34
AX550X150H37
AX550X175H34
AX550X200H31
AX575X150H31
AX575X150H34
AX575X150H37
AX575X175H34

AX600X100H34
AX600X175H37
AX600X200H34
AX600X200H37
AX625X100H31
AX625X100H34
AX650X150H37
AX650X150H40
AX650X175H40
AX650X175H42
AX650X200H31
AX650X200H34
AX650X200H37
AX650X200H40
AX650X200H58
AX650X225H37
AX650X250H31
AX675X175H40
AX675X200H37
AX675X200H40
AX675X225H34
AX675X225H37

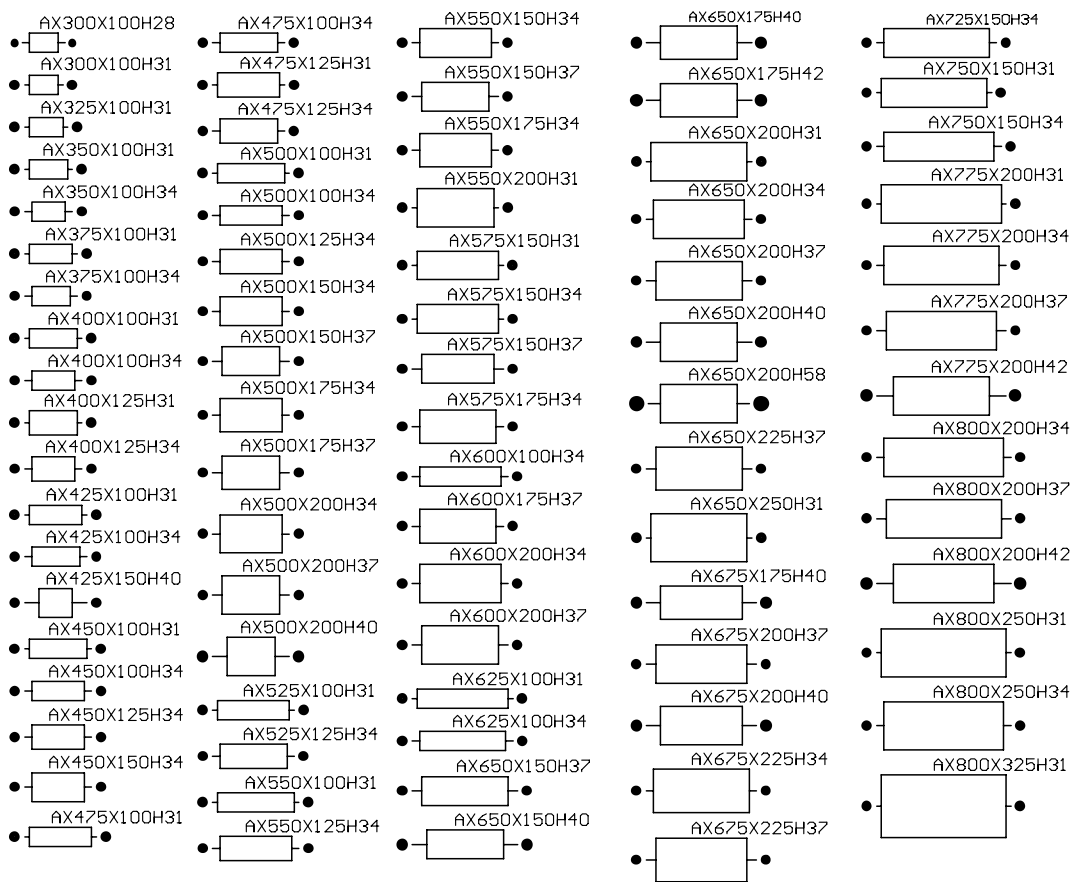
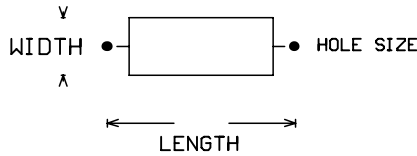
AX725X150H34
AX750X150H31
AX750X150H34
AX775X200H31
AX775X200H34
AX775X200H37
AX775X200H42

AX800X200H34
AX800X200H37
AX800X200H42
AX800X250H31
AX800X250H34
AX800X325H31
AX825X200H34
AX825X200H37
AX825X200H42
AX850X325H34
AX850X325H37
AX850X350H34
AX850X350H37
AX875X300H34
AX875X300H37
AX875X325H34
AX875X325H37
AX875X350H34
AX875X350H37

AX900X175H31
AX900X225H34
AX900X225H37
AX900X225H40
AX925X225H34
AX925X225H37
AX925X225H40
AX950X325H31
AX950X325H34
AX950X400H34
AX950X400H37
AX950X450H34
AX950X450H37
AX950X675H50
AX975X275H34
AX975X275H37
AX975X275H42
AX975X300H37

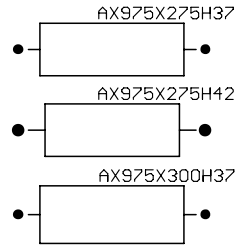
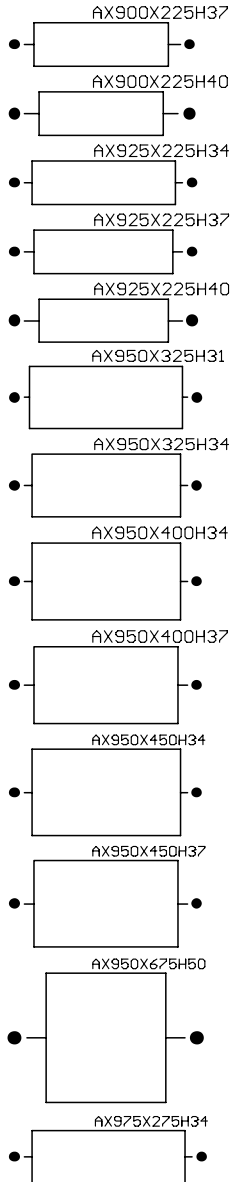
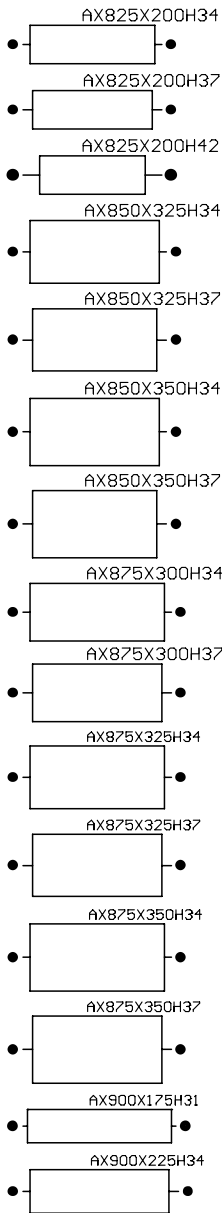
TM_AXIAL : TM NON-POLARIZED

AXIAL : AXIAL-LEADED TM NON-POLARIZED DISCRETES
 : AX (PAD-TO-PAD) X (WIDTH) + (HOLE SIZE)



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_AXIAL LIBRARY | |
| TM_AXIAL.LIB | | TM_AXIAL-1 |

TM_AXIAL : TM NON-POLARIZED



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_AXIAL LIBRARY | |
| TM_AXIAL.LIB | | TM_AXIAL-2 |

TM_CAP_P.LIB

| | | |
|--------|---|---|
| C+ | = | Thru-hole mount Polarized Capacitor |
| Number | = | Diameter (cylindrical) or Length (axial pad-to-pad centers) in mils |
| D, X | = | by |
| Number | = | Lead spacing (cylindrical) or Width (axial) in mils |
| H | = | Hole size specifier |
| Number | = | Hole size in mils |

Cylindrical

Diameter
Lead Spacing
Hole Size

C CYLINDER : HELP

C+150D100H31
C+150D125H31
C+175D100H31
C+175D125H31

C+200D100H31
C+200D125H31
C+200D150H31
C+225D100H31
C+225D125H31
C+250D100H31
C+250D125H31
C+250D150H31
C+275D100H31
C+275D100H34
C+275D100H37
C+275D125H34
C+275D125H37

C+300D100H31
C+300D100H34
C+300D125H34
C+300D200H31
C+300D200H34
C+325D125H34
C+325D175H34
C+350D175H34
C+350D200H31
C+350D200H34

C+400D200H34
C+400D225H34

C+500D200H34
C+500D200H37
C+500D200H40
C+500D225H34

C+600D150H34
C+600D175H34
C+650D300H40
C+650D325H40

C+700D300H40
C+700D325H40
C+725D300H40
C+725D325H40

Axial

Pad-to-pad
Width
Hole Size

C AXIAL : HELP

C+575X150H31

C+600X200H34
C+625X100H31
C+650X200H31
C+650X200H34
C+650X200H37
C+675X200H37
C+675X225H34
C+675X225H37

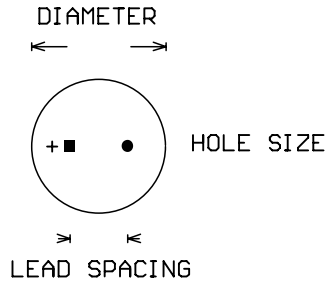
C+725X150H34
C+750X150H31
C+750X150H34
C+775X200H31
C+775X200H34
C+775X200H37

C+800X250H34
C+800X675H50
C+850X325H34
C+850X325H37
C+850X350H34
C+850X350H37
C+875X300H34
C+875X300H37
C+875X325H34
C+875X325H37
C+875X350H34
C+875X350H37

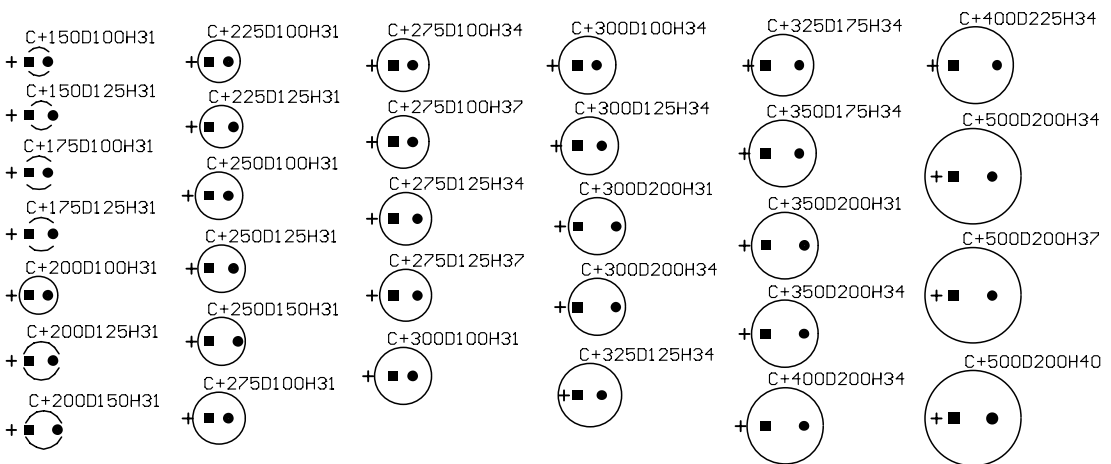
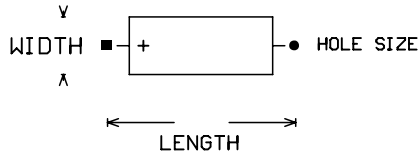
C+900X175H31
C+950X325H34
C+950X400H34
C+950X400H37
C+950X450H34
C+950X450H37
C+950X675H50
C+975X300H37

TM_CAP_P : TM POLARIZED CAPACITORS

CYLINDER CAP : POLARIZED CYLINDRICAL TM CAPS
 : C+ (DIA) D (LEAD SPACING) H (HOLE SIZE)

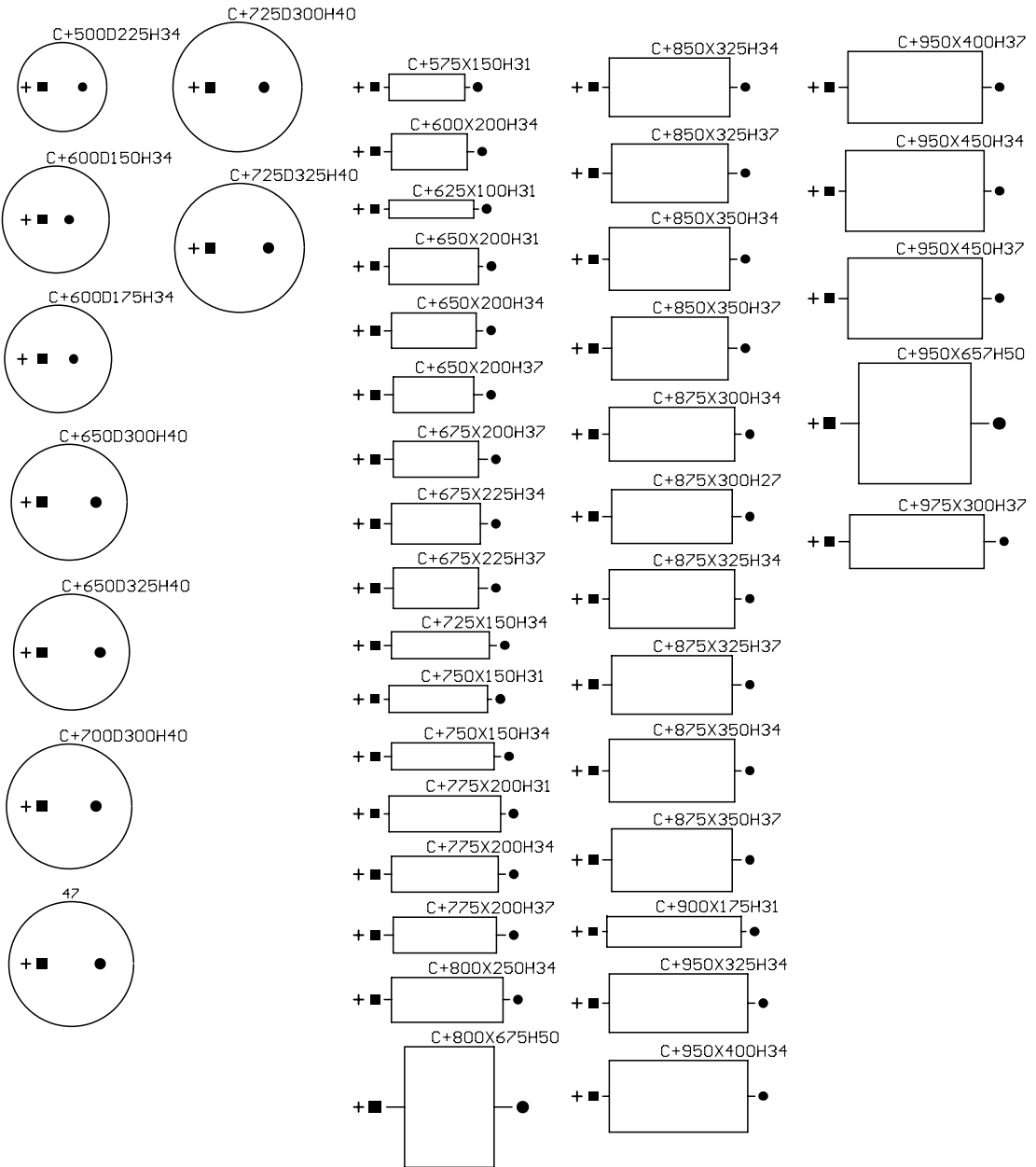


AXIAL CAP : POLARIZED AXIAL-LEADED TM CAPS
 : C+ (PAD-TO-PAD) X (WIDTH) + (HOLE SIZE)



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_CAP_P LIBRARY | |
| TM_CAP_P.LIB | | TM_CAP_P-1 |

TM_CAP_P : TM POLARIZED CAPACITORS



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_CAP_P LIBRARY | |
| TM_CAP_P.LIB | | TM_CAP_P-2 |

TM_CYLND.LIB

| | | |
|--------|---|---|
| CY | = | Thru-hole mount Non-polarized Cylindrical Capacitor |
| Number | = | Diameter in mils |
| D | = | by |
| Number | = | Lead spacing in mils |
| H | = | Hole size specifier |
| Number | = | Hole size in mils |

Cylindrical CY400D200H34
CY400D225H34

Diameter
Lead Spacing CY500D200H34
Hole Size CY500D200H37
CY500D200H40

CY : HELP CY500D225H34

CY150D100H31 CY600D150H34
CY150D125H31 CY600D175H34
CY175D100H31 CY650D300H40
CY175D125H31 CY650D325H40

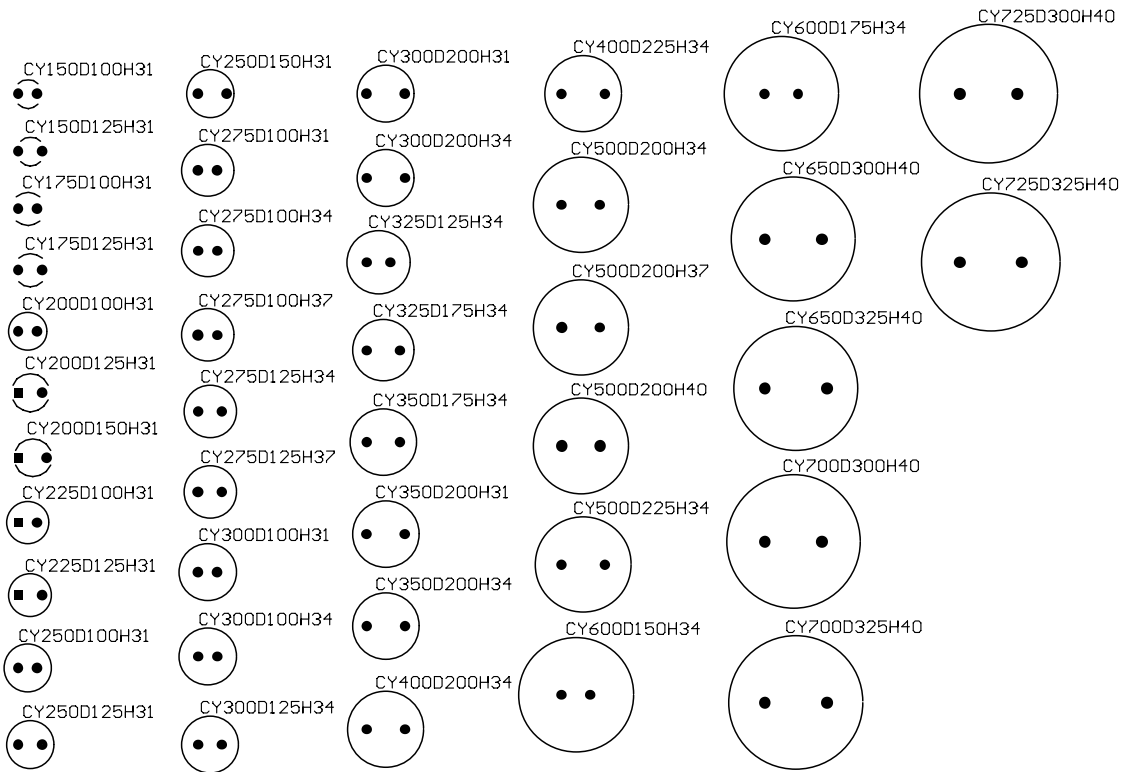
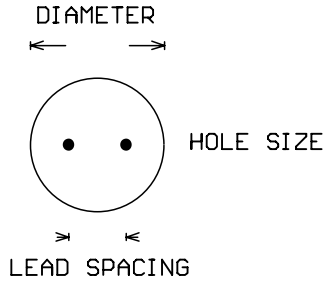
CY200D100H31 CY700D300H40
CY200D125H31 CY700D325H40
CY200D150H31 CY725D300H40
CY225D100H31 CY725D325H40
CY225D125H31
CY250D100H31
CY250D125H31
CY250D150H31
CY275D100H31
CY275D100H34
CY275D100H37
CY275D125H34
CY275D125H37

CY300D100H31
CY300D100H34
CY300D125H34
CY300D200H31
CY300D200H34
CY325D125H34
CY325D175H34
CY350D175H34
CY350D200H31
CY350D200H34

TM_CYLND : TM NON-POLARIZED CYLINDRICALS

CYLINDER : CYLINDRICAL TM DISCRETES

: CY (DIA) D (LEAD SPACING) H (HOLE SIZE)



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_CYLND LIBRARY | |
| TM_CYLND.LIB | | TM_CYLND-1 |

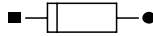
TM_DIODE.LIB

1N, DO, SOD = Diode style
D+ = Diode length x width x hole size in mils

| 1N Styles | DO Styles | SOD Styles | Length x Width x Hole Size |
|--------------|-----------|------------|-------------------------------|
| 1N : HELP | DO : HELP | SOD : HELP | |
| 1N746-759A | DO7 | SOD57 | D+ : HELP |
| 1N957-992B | DO26 | SOD64 | D+300L050H28 |
| 1N4001-4007 | DO29 | | D+350L080H31 |
| 1N4370-4372A | DO34 | | D+350L200H31 |
| 1N4678-4717 | DO35 | | D+375L070H34 |
| 1N4719-4725 | DO41 | | |
| 1N4728-4764A | DO204AA | | D+400L080H28 |
| 1N4933-4937 | DO204AB | | D+425L100H40 |
| 1N5221-5281B | DO204AC | | D+425L125H40 |
| 1N5333-5388B | DO204AD | | D+425L150H40 |
| 1N5400-5408 | DO204AE | | D+450L090H31 |
| 1N5441-5456B | DO204AF | | D+450L100H34 |
| 1N5817-5819 | DO204AG | | D+450L125H42 |
| 1N5820-5821 | DO204AH | | D+450L150H40 |
| 1N5823-5825 | DO204AJ | | D+475L125H42 |
| 1N5913-5956B | DO204AK | | |
| 1N5985-6025B | DO204AL | | D+500L110H46 |
| | DO204AM | | D+500L125H42 |
| | DO204AN | | D+550L110H34 |
| | DO204AP | | D+550L120H46 |
| | DO204AR | | D+550L125H34 |
| | DO206AA | | D+550L140H46 |
| | DO206AB | | D+550L150H46 |
| | | | D+550L160H31 |
| | | | D+575L125H46 |
| | | | |
| | | | D+650L080H50 |
| | | | |
| | | | D+700L150H42 |
| | | | D+750L150H42 |
| | | | D+775L375H62 |
| | | | |
| | | | D+800L110H67 |
| | | | D+800L225H62 |
| | | | D+800L375H62 |
| | | | D+825L225H62 |
| | | | D+825L375H62 |
| | | | D+850L225H62 |
| | | | D+850L260H50 |
| | | | |
| | | | D+900L270H50 |
| | | | D+950L150H62 |

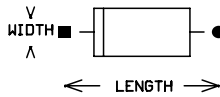
TM_DIODE

1N STYLES : TM AXIAL-LEADED 1N STYLE DIODES



BY CASE SIZE

DISCRETES : AXIAL-LEADED TM DIODES
: D+ <LENGTH> × <WIDTH> H <HOLE SIZE>

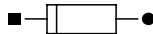


DO STYLES : TM AXIAL-LEADED DO STYLE DIODES



BY CASE SIZE

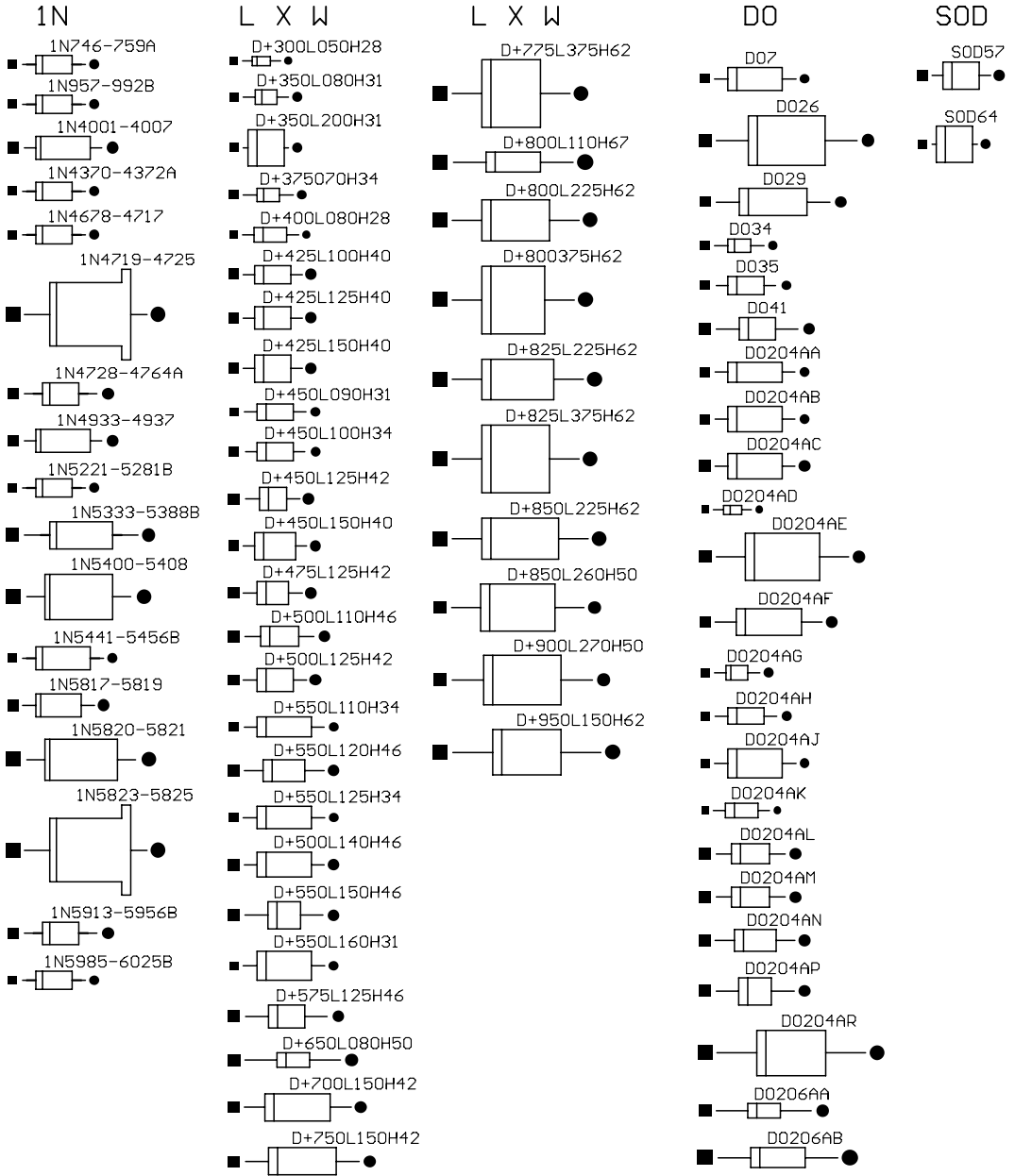
SOD SYTTLES : TM AXIAL-LEADED SOD STYLE DIODES



BY CASE SIZE

| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_DIODE LIBRARY | |
| TM_DIODE.LIB | | TM_DIODE-1 |

TM_DIODE



| | | |
|---------------|------------------|------------|
| REVISION 7.00 | TM_DIODE LIBRARY | |
| TM_DIODE.LIB | | TM_DIODE-2 |

TM_R_MIL.LIB

R + number = Thru-hole mount resistor style

**R - MIL Styles
Meets MIL-275**

R : HELP

RC05

RC07

RC20

RC32

RC42

RCR05

RCR07

RCR20

RCR32

RCR42

RLR05

RLR05C

RLR07

RLR07C

RLR20

RLR20C

RLR32C

RLV30

RLV31

RN50

RN50C

RN50E

RN55

RN55C

RN55D

RN55E

RN60

RN60C

RN60D

RN60E

RN65

RN65C

RN65E

RNC50

RNC50H

RNC50J

RNC55

RNC55H

RNC55J

RNC60

RNC60H

RNC60J

RNC65

RNC65H

RNC65J

RNN55

RNN57

RNN60

RNN65

RNN70

RNR55

RNR57

RNR60

RNR65

RNR70

RW67

RW67V

RW68

RW68V

RW69

RW69V

RW70

RW70U-F

RW74

RW74U-F

RW78

RW78U-F

RW79

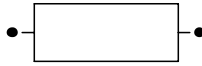
RW79U-F

RW80

RW81

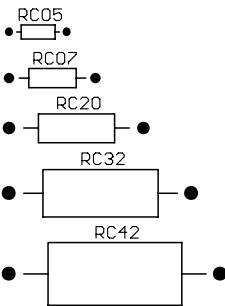
TM_R_MIL : TM MIL-SPEC RESISTOR STYLES

RES : MIL-SPEC AXIAL-LEADED TM RESISTORS

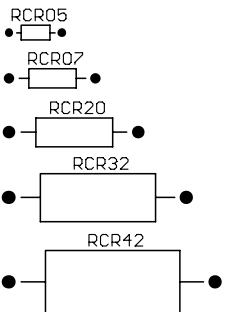


BY CASE SIZE

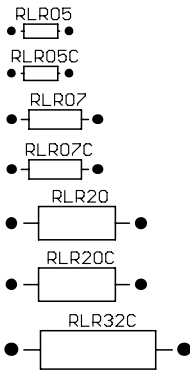
RC



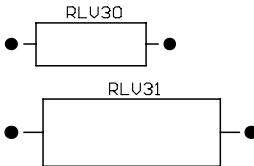
RCR



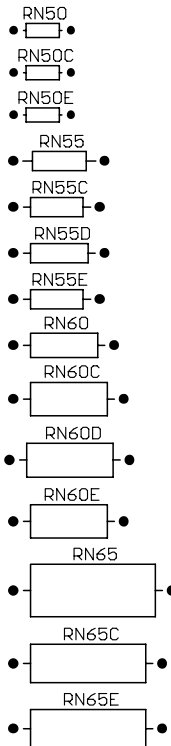
RLR



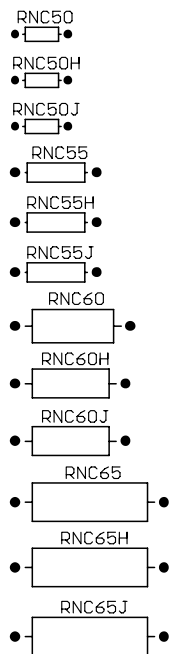
RLV



RN



RNC



REVISION 7.00

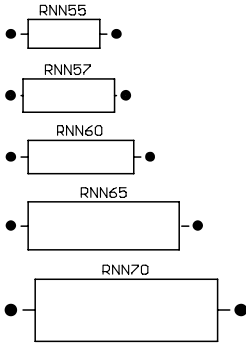
TM_R_MIL LIBRARY

TM_R_MIL.LIB

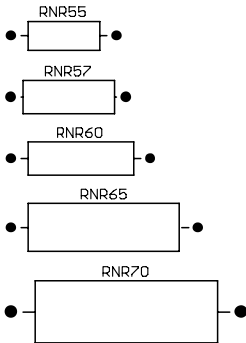
TM_R_MIL-1

TM_R_MIL : TM MIL-SPEC RESISTOR STYLES

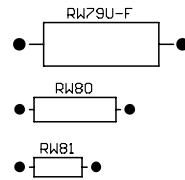
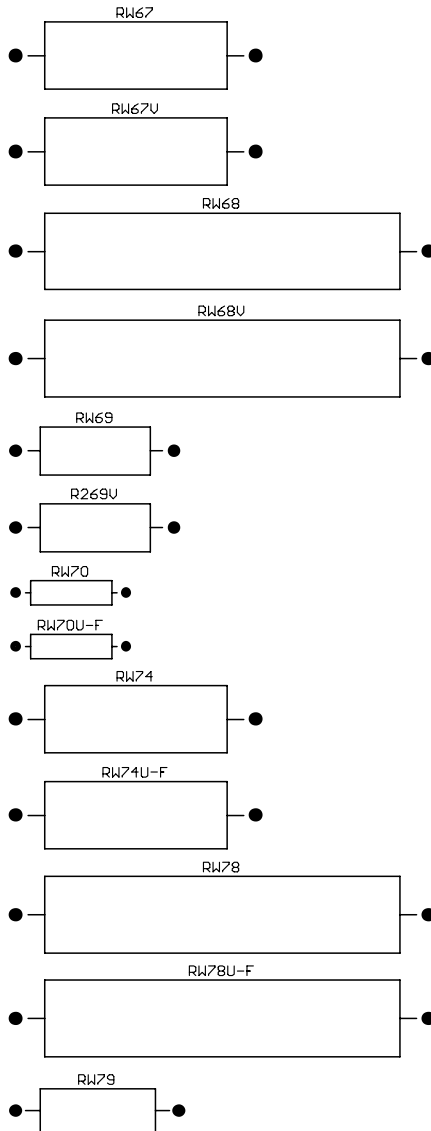
RNN



RNR



RW



REVISION 7.00

TM_R_MIL LIBRARY

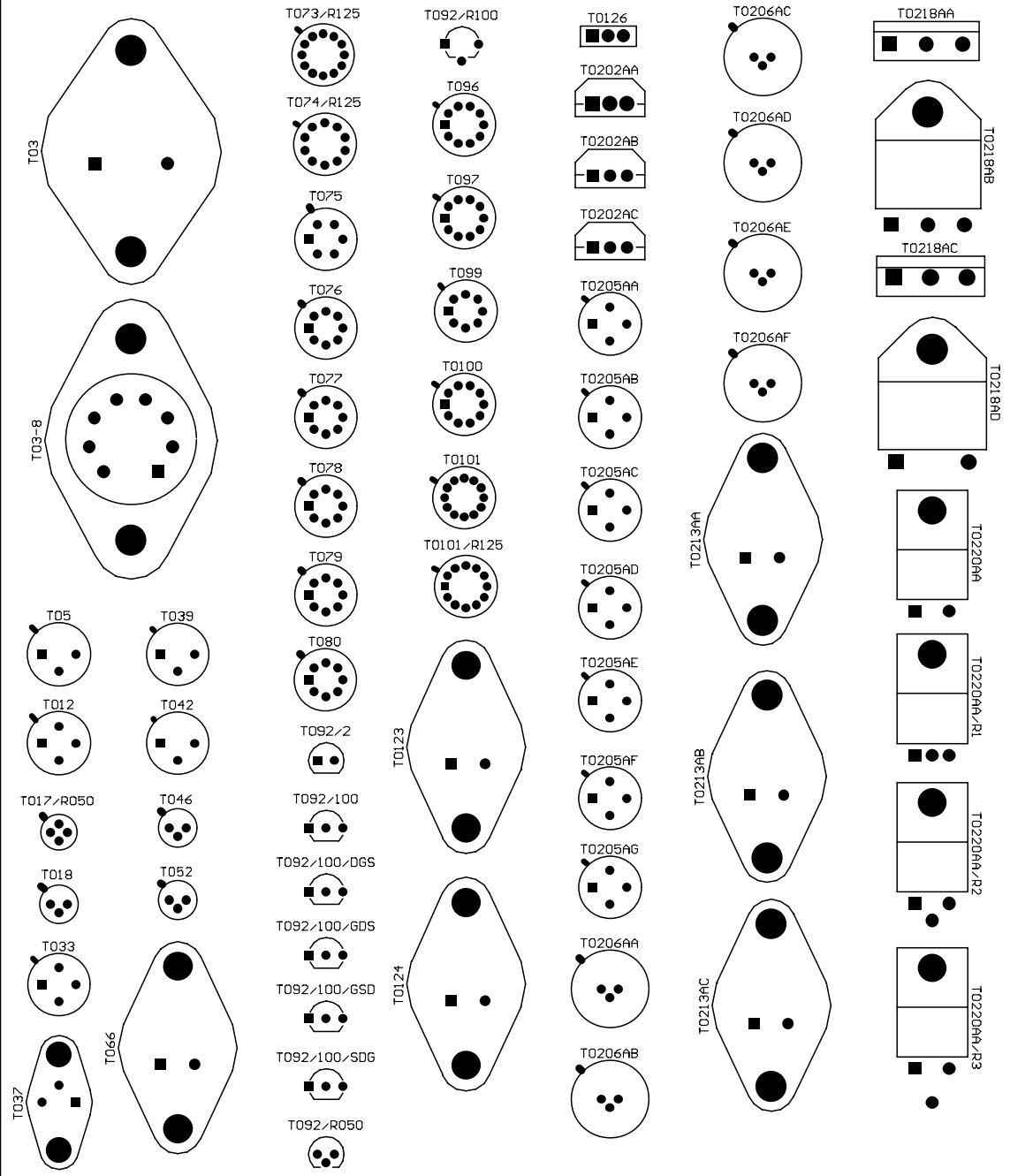
TM_R_MIL.LIB

TM_R_MIL-2

TO = JEDEC TO compatible

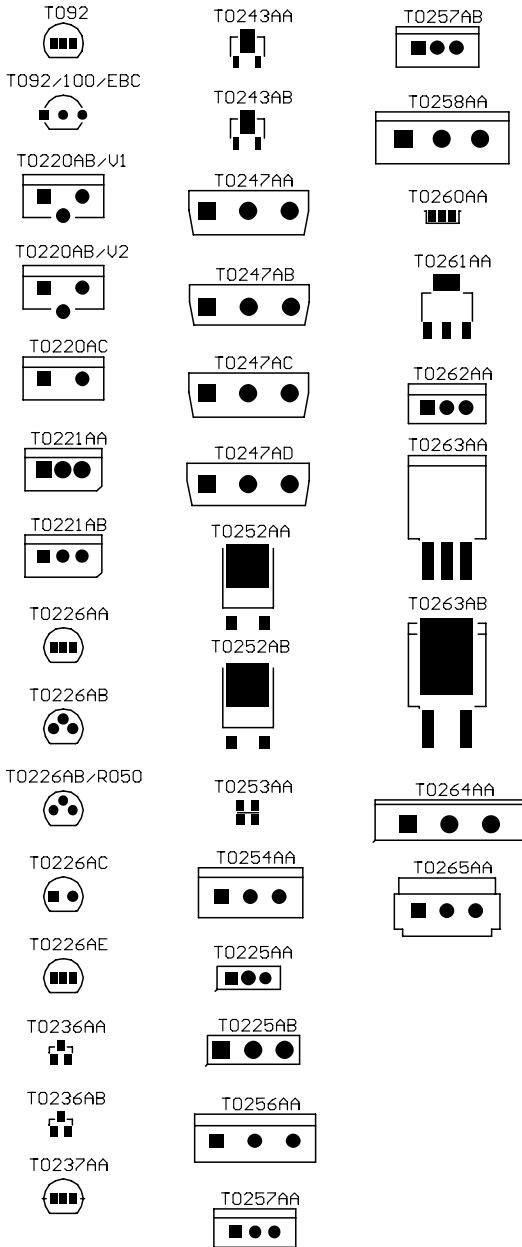
| TO Styles | | |
|--------------|--------------|---------|
| | TO202AA | TO243AA |
| | TO202AB | TO243AB |
| TO3 | TO202AC | TO247AA |
| TO3-8 | TO205AA | TO247AB |
| TO5 | TO205AB | TO247AC |
| TO12 | TO205AC | TO247AD |
| TO17/R050 | TO205AD | TO252AA |
| TO18 | TO205AE | TO252AB |
| TO33 | TO205AF | TO253AA |
| TO37 | TO205AG | TO254AA |
| TO39 | TO206AA | TO256AA |
| TO42 | TO206AB | TO257AA |
| TO46 | TO206AC | TO257AB |
| TO52 | TO206AD | TO258AA |
| TO66 | TO206AE | TO260AA |
| TO73/R125 | TO206AF | TO261AA |
| TO74/R125 | TO213AA | TO262AA |
| TO75 | TO213AB | TO263AA |
| TO76 | TO213AC | TO263AB |
| TO77 | TO218AA | TO264AA |
| TO78 | TO218AB | TO265AA |
| TO79 | TO218AC | |
| TO80 | TO218AD | |
| TO92 | TO220AA | |
| TO92/2 | TO220AA/R1 | |
| TO92/100 | TO220AA/R2 | |
| TO92/100/DGS | TO220AA/R3 | |
| TO92/100/EBC | TO220AB/V1 | |
| TO92/100/GDS | TO220AB/V2 | |
| TO92/100/GSD | TO220AC | |
| TO92/100/SDG | TO221AA | |
| TO92/R050 | TO221AB | |
| TO92/R100 | TO225AA | |
| TO96 | TO225AB | |
| TO97 | TO226AA | |
| TO99 | TO226AB | |
| TO100 | TO226AB/R050 | |
| TO101 | TO226AC | |
| TO101/R125 | TO226AE | |
| TO123 | TO236AA | |
| TO124 | TO236AB | |
| TO126 | TO237AA | |

TO



| | | |
|---------------|------------|------|
| REVISION 6.80 | TO LIBRARY | |
| TO.LIB | | TO-1 |

TO



| | | |
|---------------|------------|------|
| REVISION 6.80 | TO LIBRARY | |
| TO.LIB | | TO-2 |

TRAXSTD.LIB

This library contains an assortment of components found in the original version of TraxMaker.

DB Connectors Vertical, Male

DB9/M
DB15/M
DB25/M
DB37/M
DB50/M

DB Connectors Vertical, Female

DB9/F
DB15/F
DB25/F
DB37/F
DB50/F

DB Connectors Rt. Angle, Male

DB9RA/M
DB15RA/M
DB25RA/M
DB37RA/M
DB50RA/M

DB Connectors Rt. Angle, Female

DB9RA/F
DB15RA/F
DB25RA/F
DB37RA/F
DB50RA/F

DIN Connectors Vertical, Rt. Angle

DIN96
DIN96RA

Edge Fingers

STDEDGE
S100EDGE

IDC Connectors Vertical

IDC10
IDC16
IDC20
IDC26
IDC34
IDC36
IDC40
DC50

IDC Connectors Rt. Angle, Protected

IDC40P
IDC50P

Multi Connectors

PENTA
HEPTA
MULTI11
MULTI15

DIP .100

DIP6
DIP8
DIP14
DIP16
DIP18
DIP20
DIP22
DIP24
DIP28
DIP40
DIP64

SIP .100

SIP2
SIP3
SIP4
SIP5
SIP6
SIP7
SIP8
SIP9
SIP10
SIP12
SIP16
SIP20

LCC

LCC18LR
LCC18R
LCC20
LCC22R
LCC28
LCC28R
LCC32R
LCC44
LCC52
LCC68
LCC84
LCC100
LCC124

Diodes

DIODE0.4
DIODE0.7

Axial, Non-polarized

AXIAL0.3
AXIAL0.4
AXIAL0.5
AXIAL0.6
AXIAL0.7
AXIAL0.8
AXIAL0.9
AXIAL1.0

Radial, Non-polarized

RAD0.1
RAD0.2
RAD0.3
RAD0.4

Axial, Polarized

POLAR0.6
POLAR0.8
POLAR1.0
POLAR1.2

Cylindrical, Polarized

RB.2/.4
RB.3/.6
RB.4/.8
RB.5/1.0

Chip Resistors

RC1
RC2
RC3
RC4
RC5
RC6
RC7
RC8
RC9
RC10
RC11
RC12
RC13
RC14
RC15
RC16
RC17
RC18
RC19
RC20
RC21

**Pin Grid Arrays
Pins x Width**

PGA52X9
PGA64X10
PGA68X10
PGA68X11
PGA84X10
PGA84X11
PGA84X12
PGA84X13
PGA88X13
PGA100X10
PGA120X13
PGA124X13
PGA132X13

SMD DIP

SMD8A
SMD8B
SMD14A
SMD14B
SMD16A
SMD16B
SMD20
SMD24
SMD28

SOT Packages

SOT-23
SOT-89
SOT-143

TO Packages

TO-3
TO-5
TO-18
TO-39
TO-46
TO-52
TO-66
TO-72
TO-92A
TO-92B
TO-126
TO-220

Variable Resistors

VR1
VR2
VR3
VR4
VR5

Misc.

BNC

FUSE

FLY4

POWER4
POWER6

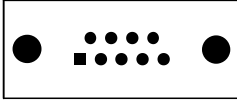
QUIL64

SPADE

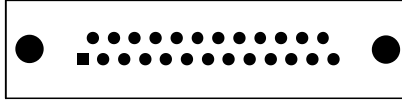
XTAL1

TRAXMAKER STANDARD COMPONENTS

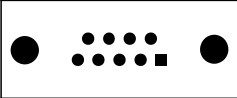
DB9/F



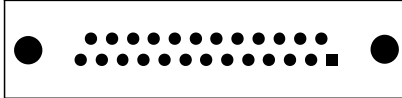
DB25/F



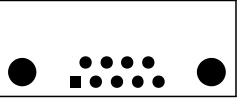
DB9/M



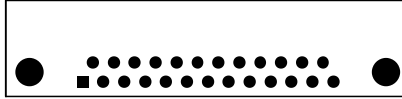
DB25/M



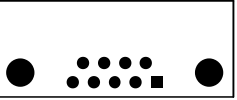
DB9RA/F



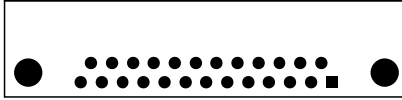
DB25RA/F



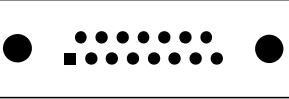
DB9RA/M



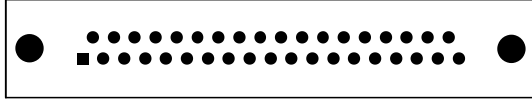
DB25RA/M



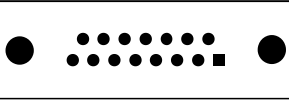
DB15/F



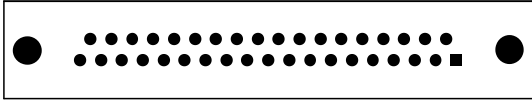
DB37/F



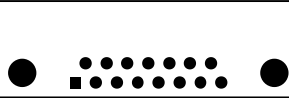
DB15/M



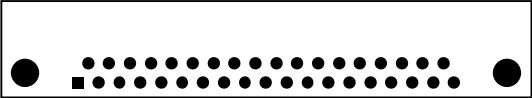
DB37/M



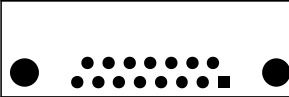
DB15RA/F



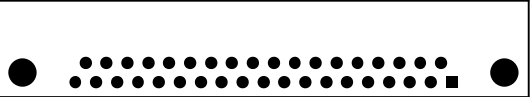
DB37RA/F



DB15RA/M



DB37RA/M



REVISION 7.10

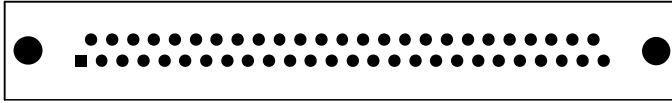
STANDARD COMPONENTS

TRAXSTD.LIB

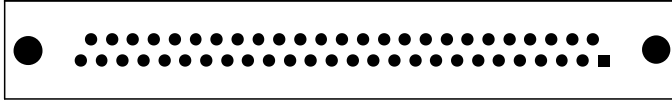
TRAXSTD-1

TRAXMAKER STANDARD COMPONENTS

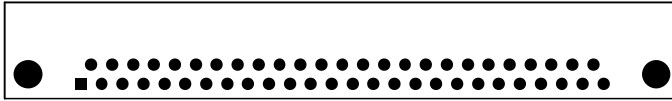
DB50/F



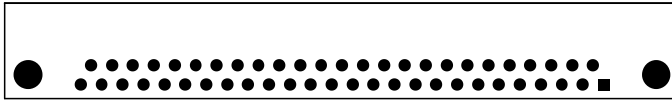
DB50/M



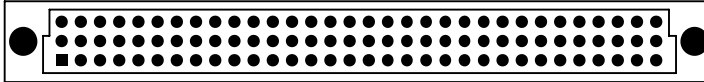
DB50RA/F



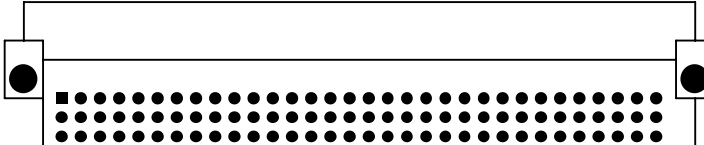
DB50RA/M



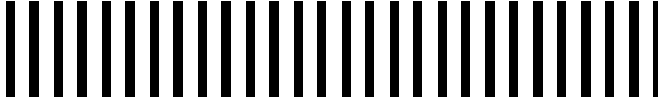
DIN96



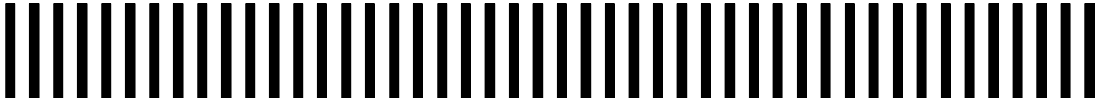
DIN96RA



STEDGE



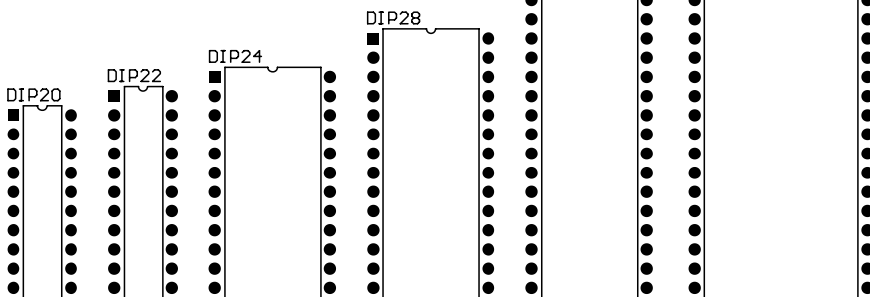
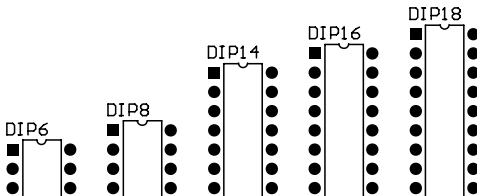
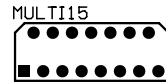
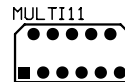
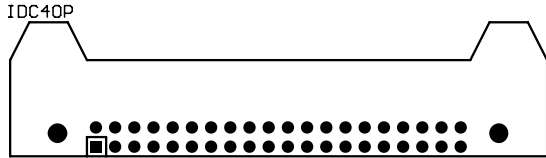
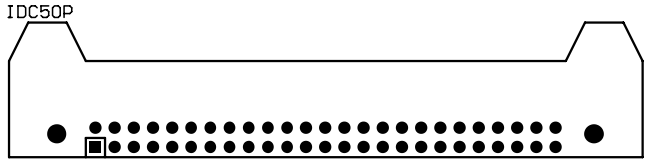
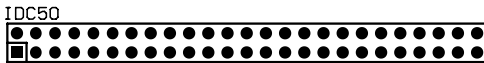
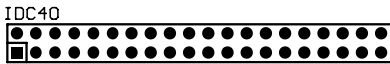
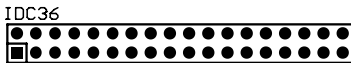
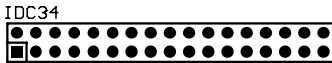
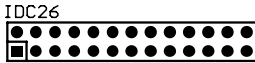
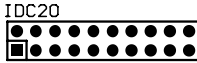
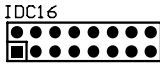
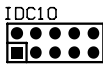
S100EDGE



FULL LENGTH NOT SHOWN

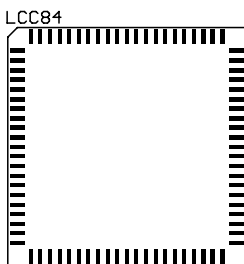
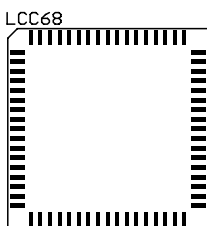
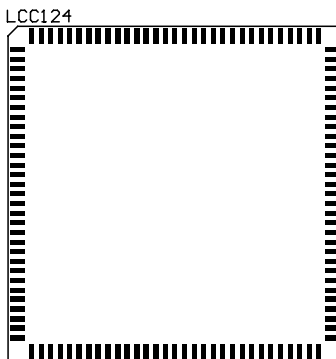
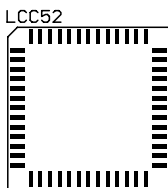
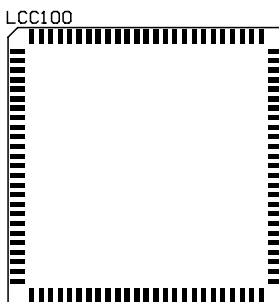
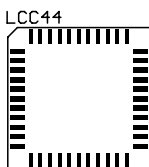
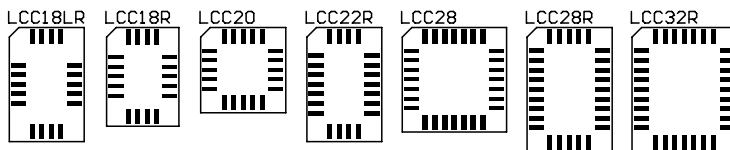
| | | |
|---------------|---------------------|-----------|
| REVISION 7.10 | STANDARD COMPONENTS | |
| TRAXSTD.LIB | | TRAXSTD-2 |

TRAXMAKER STANDARD COMPONENTS



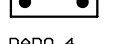
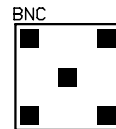
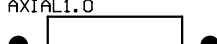
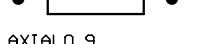
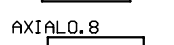
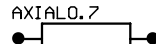
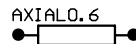
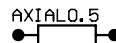
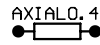
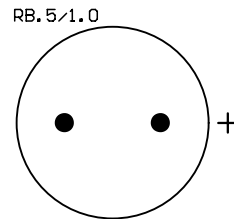
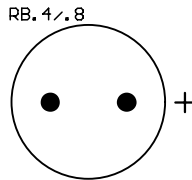
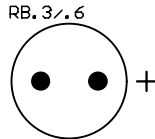
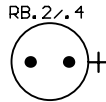
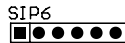
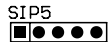
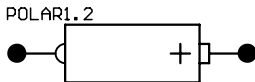
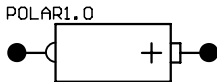
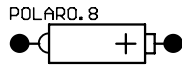
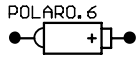
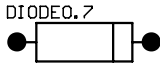
| | | |
|---------------|---------------------|-----------|
| REVISION 7.10 | STANDARD COMPONENTS | |
| TRAXSTD.LIB | | TRAXSTD-3 |

TRAXMAKER STANDARD COMPONENTS



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|---------------|---------------------|-----------|
| REVISION 7.10 | STANDARD COMPONENTS | |
| TRAXSTD.LIB | | TRAXSTD-4 |

TRAXMAKER STANDARD COMPONENTS



REVISION 7.10

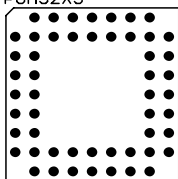
STANDARD COMPONENTS

TRAXSTD.LIB

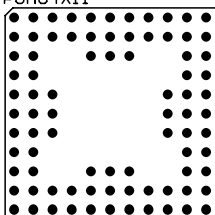
TRAXSTD-5

TRAXMAKER STANDARD COMPONENTS

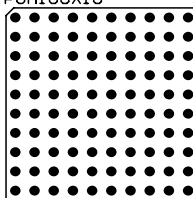
PGA52X9



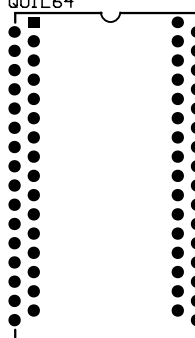
PGA84X11



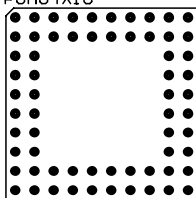
PGA100X10



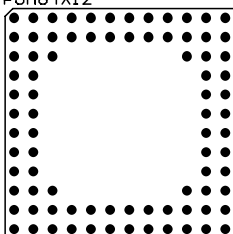
QUIL64



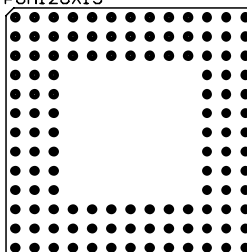
PGA64X10



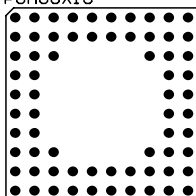
PGA84X12



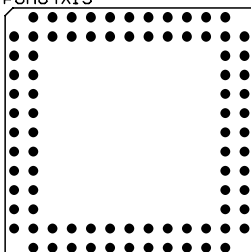
PGA120X13



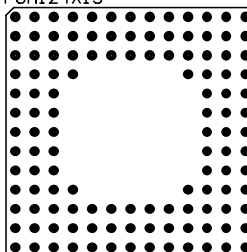
PGA68X10



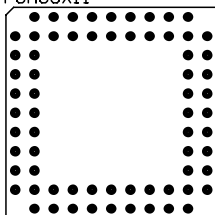
PGA84X13



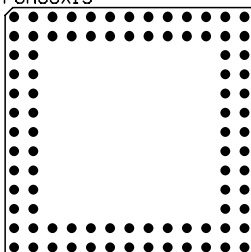
PGA124X13



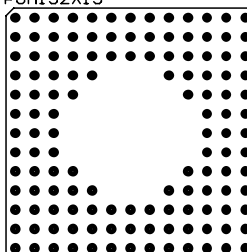
PGA68X11



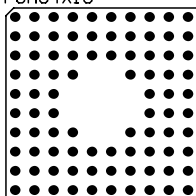
PGA88X13



PGA132X13

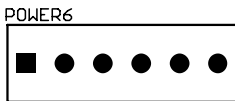
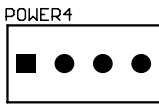
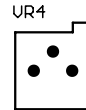
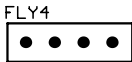
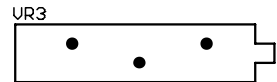
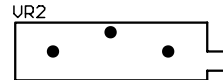
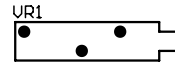
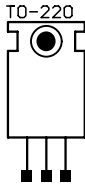
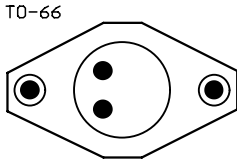
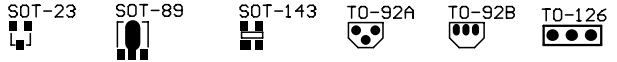
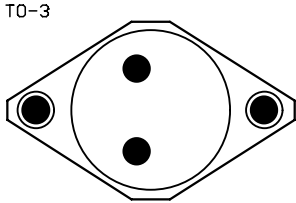
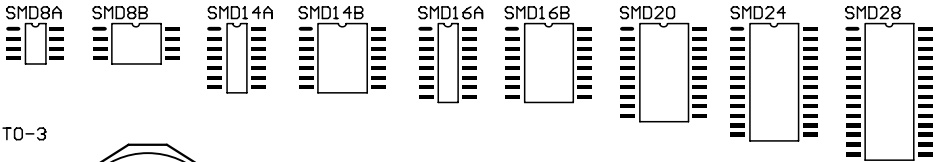


PGA84X10



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| REVISION 7.10 | STANDARD COMPONENTS | |
| TRAXSTD.LIB | | TRAXSTD-6 |

TRAXMAKER STANDARD COMPONENTS



| | | |
|---------------|---------------------|-----------|
| REVISION 7.10 | STANDARD COMPONENTS | |
| TRAXSTD.LIB | | TRAXSTD-7 |

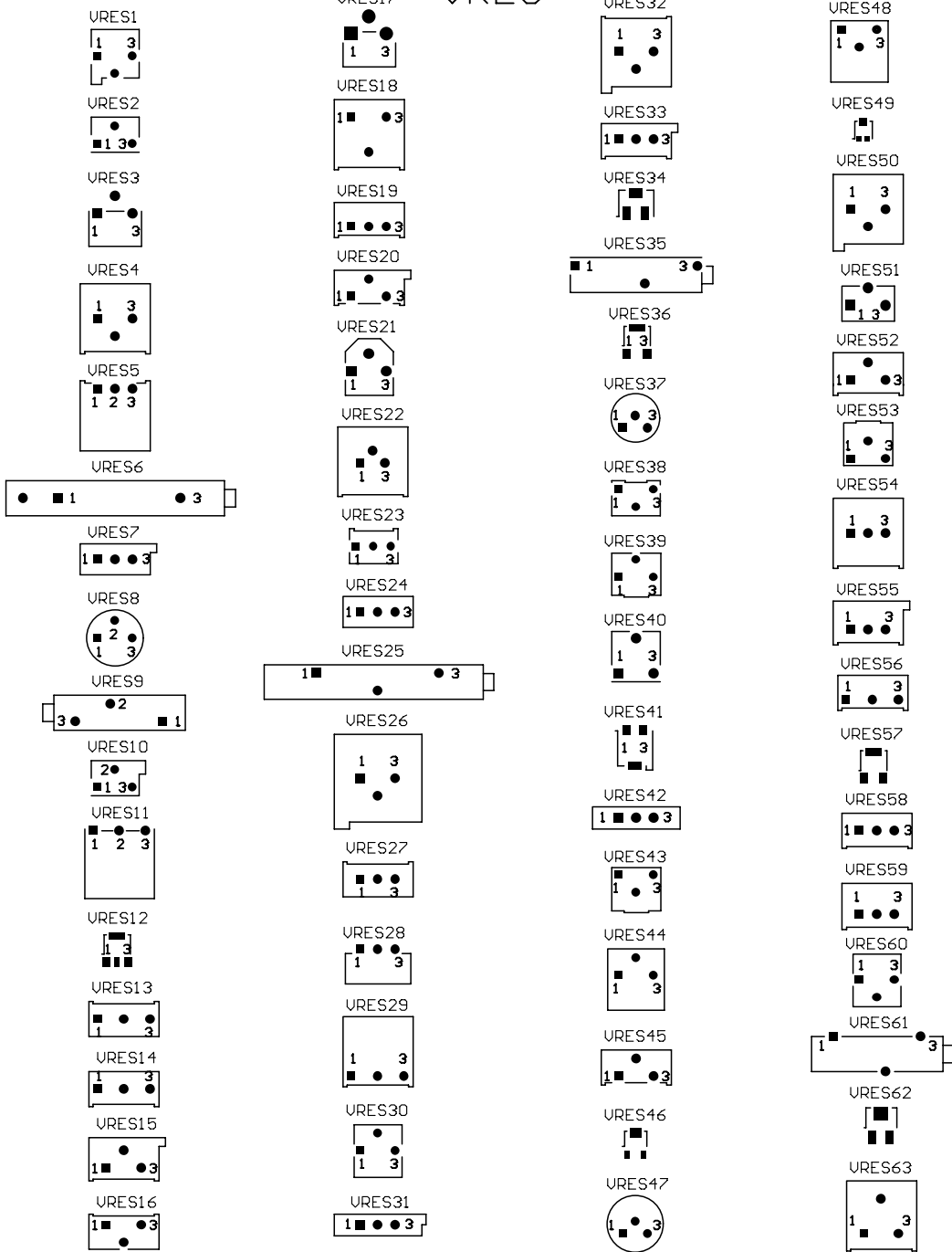
VRES.LIB

VRES = Variable Resistor
Number = Style

**Variable
Resistors**

| | | |
|--------|--------|--------|
| | VRES20 | VRES42 |
| | VRES21 | VRES43 |
| | VRES22 | VRES44 |
| VRES1 | VRES23 | VRES45 |
| VRES2 | VRES24 | VRES46 |
| VRES3 | VRES25 | VRES47 |
| VRES4 | VRES26 | VRES48 |
| VRES5 | VRES27 | VRES49 |
| VRES6 | VRES28 | VRES50 |
| VRES7 | VRES29 | VRES51 |
| VRES8 | VRES30 | VRES52 |
| VRES9 | VRES31 | VRES53 |
| VRES10 | VRES32 | VRES54 |
| VRES11 | VRES33 | VRES55 |
| VRES12 | VRES34 | VRES56 |
| VRES13 | VRES35 | VRES57 |
| VRES14 | VRES36 | VRES58 |
| VRES15 | VRES37 | VRES59 |
| VRES16 | VRES38 | VRES60 |
| VRES17 | VRES39 | VRES61 |
| VRES18 | VRES40 | VRES62 |
| VRES19 | VRES41 | VRES63 |

URES



REVISION 6.90

URES LIBRARY

URES.LIB

URES-1

XT = XT card compatible
/Edge, /Socket = Edge Fingers, Edge Socket

BOARDBLANKS : Refer to last section

Edge Fingers

XT/EDGE

Edge Socket

XT/SOCKET

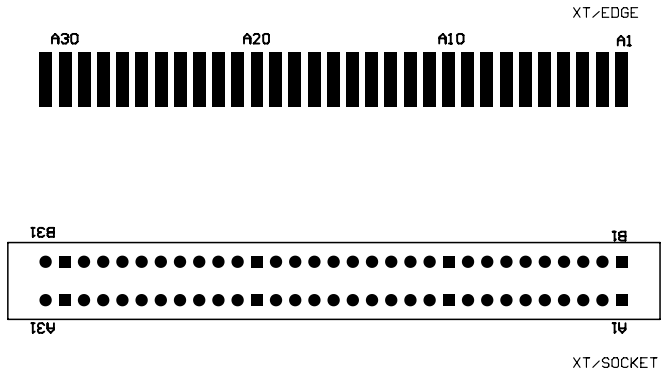
XT

XT / SOCKET OR FINGERS

XT / SOCKET

PADSTACK : ALAPHA-NUMERIC .065 x .295 EDGE FINGERS

PADSTACK : .040 HOLE/.062 PAD



| | | |
|---------------|------------|------|
| REVISION 7.00 | XT LIBRARY | |
| XT.LIB | | XT-1 |

| | | |
|--------|---|-------------------------|
| ZZ | = | Zigzag pitch components |
| Number | = | Pins |
| /L | = | Length specifier |
| Number | = | Length in inches |

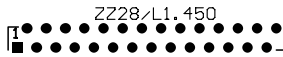
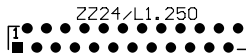
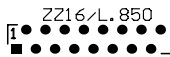
Zig-Zags

ZZ16/L.850
ZZ20/L1.050
ZZ24/L1.250
ZZ28/L1.450
ZZ40/L2.050

ZIGZAG

.100 ZIGZAGS

PADSTACK : SEQUENTIAL .034 HOLE \angle .055 PAD



| | | |
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| REVISION 6.90 | ZIGZAG LIBRARY | |
| ZIGZAG.LIB | | ZIGZAG-1 |

8 Byte Dimm

DM8B3VNS.PCB
 DM8B3VST.PCB
 DM8B3VSY.PCB

DM8B5VNS.PCB
 DM8B5VST.PCB
 DM8B5VSY.PCB

DM8BXVNS.PCB
 DM8BXVST.PCB
 DM8BXVSY.PCB

Std. Dimm

DM_CP128.PCB
 DM_CP136.PCB
 DM_CP144.PCB
 DM_CP160.PCB
 DM_CP200.PCB

DM_LP128.PCB
 DM_LP136.PCB
 DM_LP144.PCB
 DM_LP160.PCB
 DM_LP200.PCB

Eurocard

EC3UX100.PCB
 EC3UX160.PCB
 EC3UX220.PCB
 EC3UX280.PCB
 EC3UX340.PCB
 EC3UX400.PCB

EC6UX100.PCB
 EC6UX160.PCB
 EC6UX220.PCB
 EC6UX280.PCB
 EC6UX340.PCB
 EC6UX400.PCB

EC9UX100.PCB
 EC9UX160.PCB
 EC9UX220.PCB
 EC9UX280.PCB
 EC9UX340.PCB
 EC9UX400.PCB

ISA

ISA.PCB

PC/104

PC104_16.PCB
 PC104_8.PCB

PCI

PCI3332S.PCB
 PCI3332L.PCB
 PCI3364S.PCB
 PCI3364L.PCB

PCI5032S.PCB
 PCI5032L.PCB
 PCI5064S.PCB
 PCI5064L.PCB

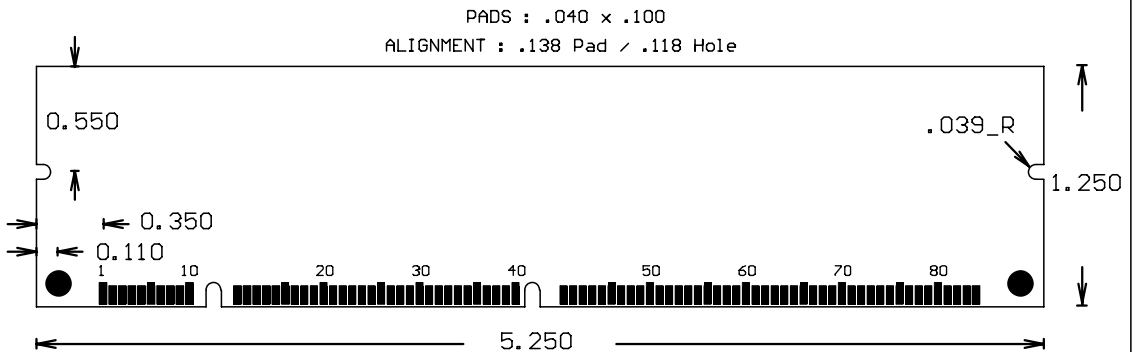
PCIUN32S.PCB
 PCIUN32L.PCB
 PCIUN64S.PCB
 PCIUN64L.PCB

XT

XT.PCB

8 BYTE .050 DIMM BOARDBLANKS

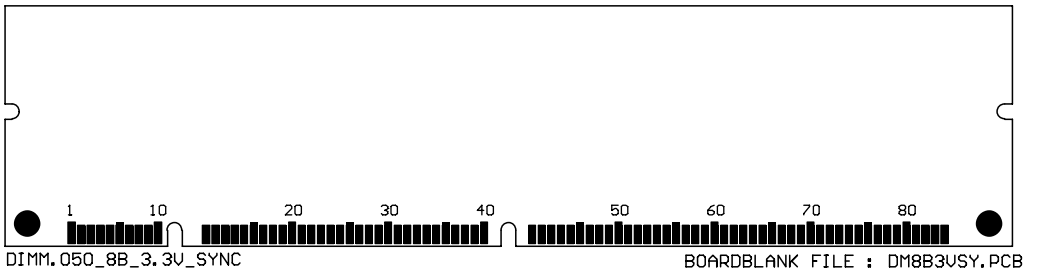
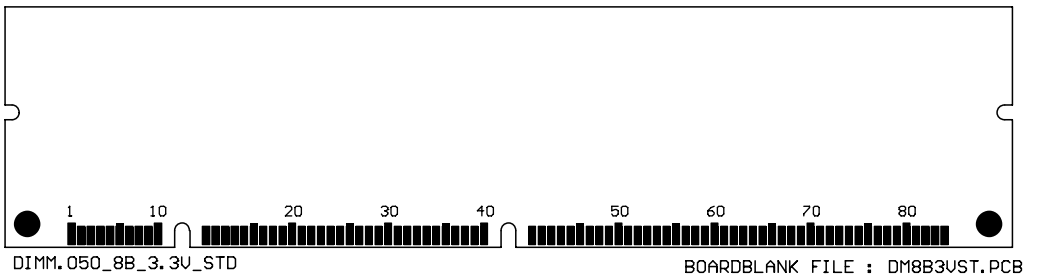
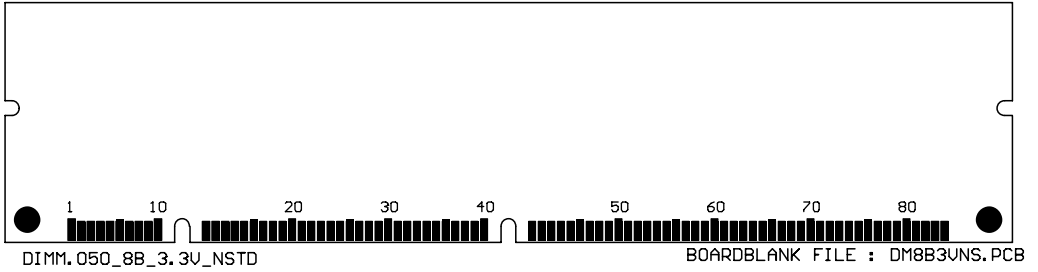
CONFIRM INFORMATION USING CURRENT VENDOR DATA SHEETS



| | | |
|-------|------------------|-----------|
| v6.00 | 8 BYTE .050 DIMM | |
| | | DIMM050-1 |

8 BYTE .050 DIMM BOARDBLANKS

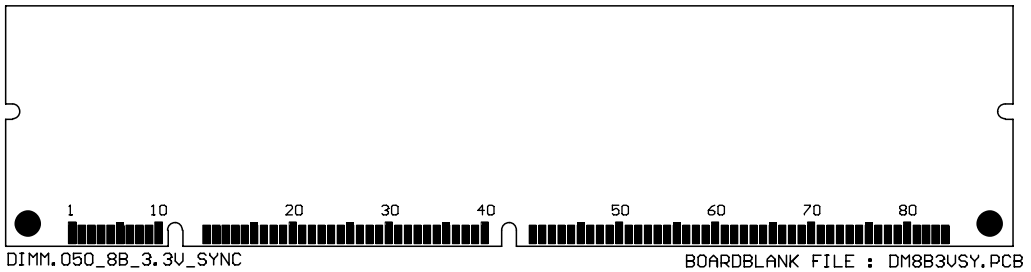
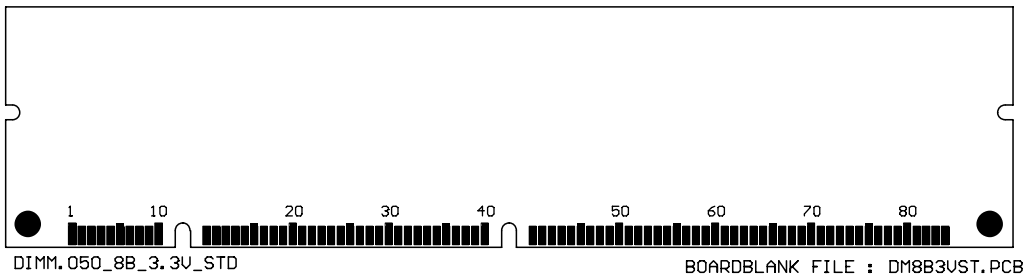
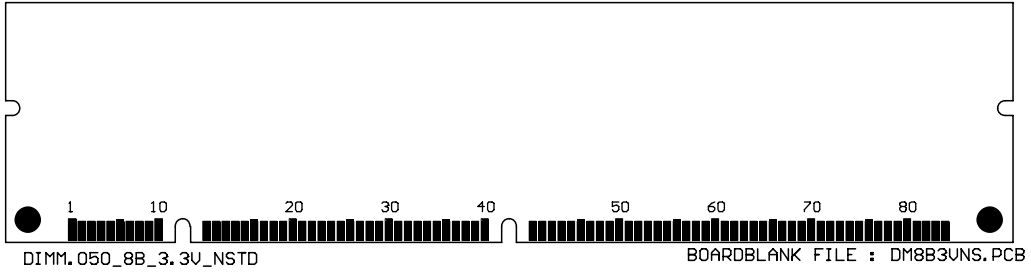
3.3 VOLT



| | | |
|-------|------------------|------------|
| v6.00 | 8 BYTE .050 DIMM | |
| | | DIMM050B-2 |

8 BYTE .050 DIMM BOARDBLANKS

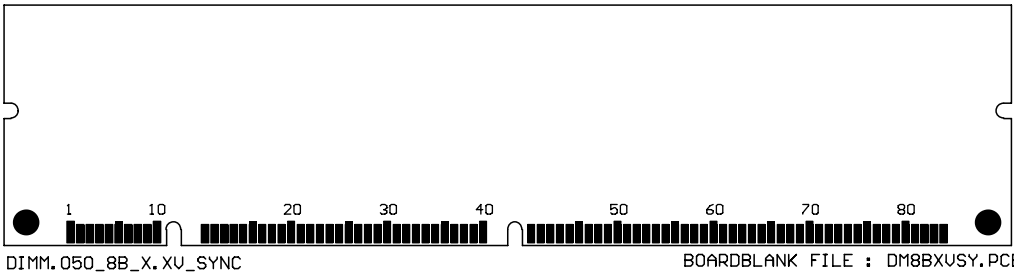
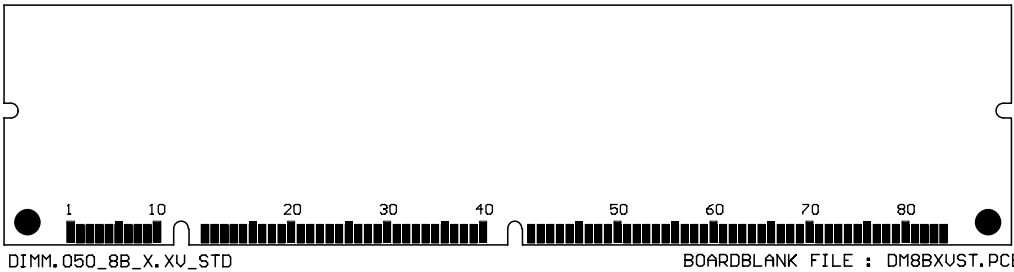
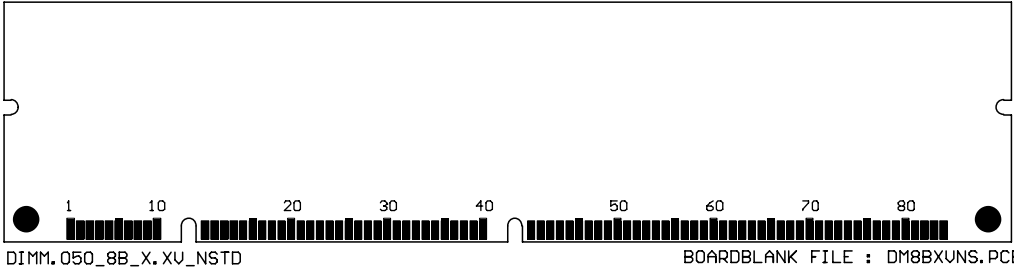
3.3 VOLT



| | | |
|-------|------------------|------------|
| v6.00 | 8 BYTE .050 DIMM | |
| | | DIMM050B-2 |

8 BYTE .050 DIMM BOARDBLANKS

X.X VOLT

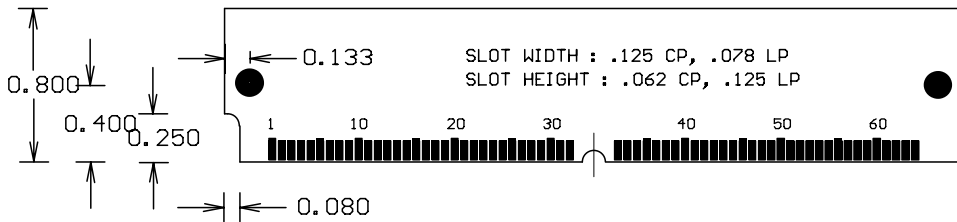


| | | |
|-------|-----------------------------|------------|
| v6.00 | .050 8 BYTE DIMM BOARDBLANK | |
| | | DIMM050B-4 |

.050 DIMM PCB BOARDBLANKS

CONFIRM DATA USING CURRENT VENDOR DATA SHEETS

INDEX : CENTER & LEFT POLARIZED
PINOUT : SEQUENTIAL
PAD : .040 × .100
ALIGNMENT : .145 PAD / .125 HOLE



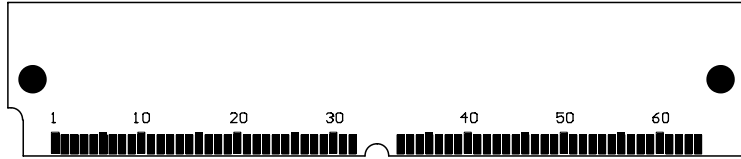
v6.60

.050 DIMM BOARDBLANK

DIMM050B-5

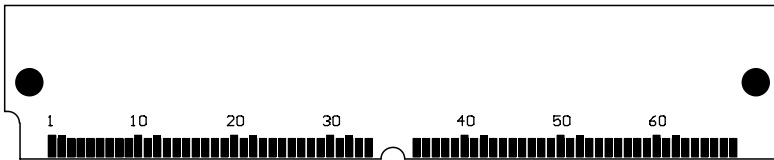
.050 DIMM PCB BOARDBLANKS

CENTER POLARIZED



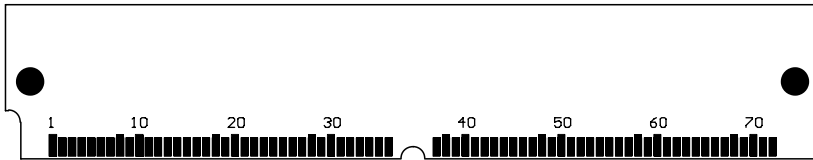
DIMM.050 CENTER POLARIZED 128

BOARDBLANK FILE : DM_CP128.PCB



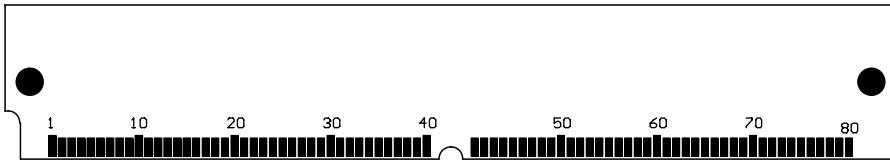
DIMM.050 CENTER POLARIZED 136

BOARDBLANK FILE : DM_CP136.PCB



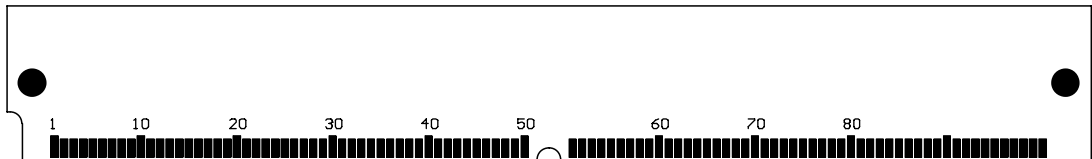
DIMM.050 CENTER POLARIZED 144

BOARDBLANK FILE : DM_CP144.PCB



DIMM.050 CENTER POLARIZED 160

BOARDBLANK FILE : DM_CP160.PCB



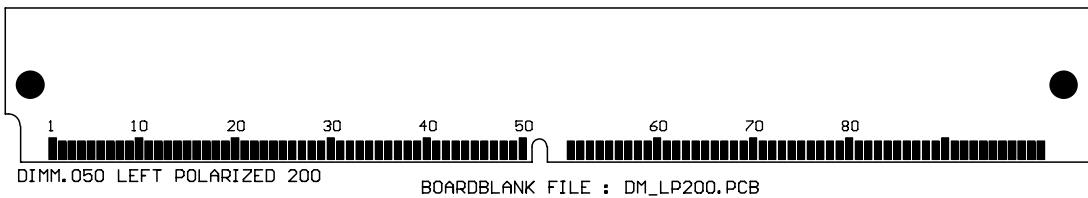
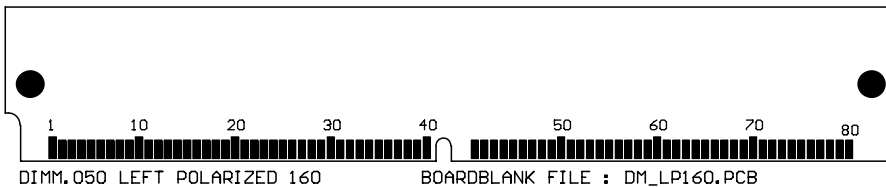
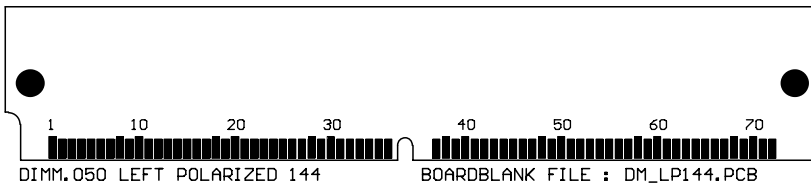
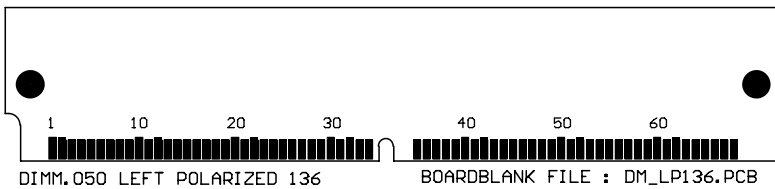
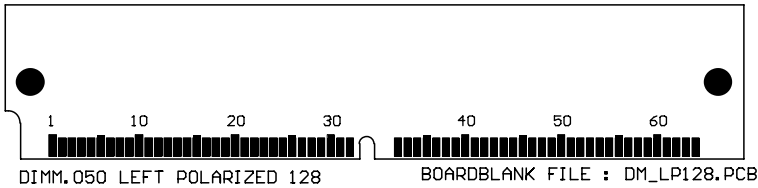
DIMM.050 CENTER POLARIZED 200

BOARDBLANK FILE : DM_CP200.PCB

| | | |
|-------|----------------------|------------|
| v6.60 | .050 DIMM BOARDBLANK | |
| | | DIMM050B-6 |

.050 DIMM PCB BOARDBLANKS

LEFT POLARIZED



v6.60

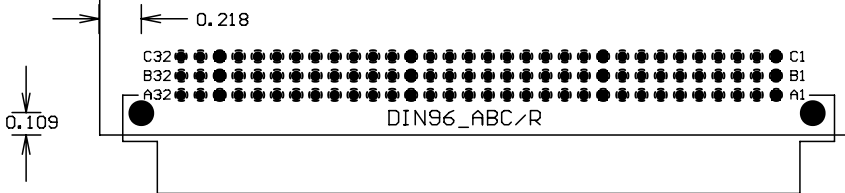
.050 DIMM BOARDBLANK

DIMM050B-7

EUROCARD COMPATIBLE PCB BOARDBLANKS

EC + 3U + 100mm
EC + 6U + 160mm
EC + 9U + 220mm
EC + 12U + 280mm
EC + 15U + 340mm
EC + 18U + 400mm

EC3UX100.PCB



v7.10

EUROCARD BOARDBLANKS

EUROB-1

ISA_COMPATIBLE_PCB_BOARDBLANK

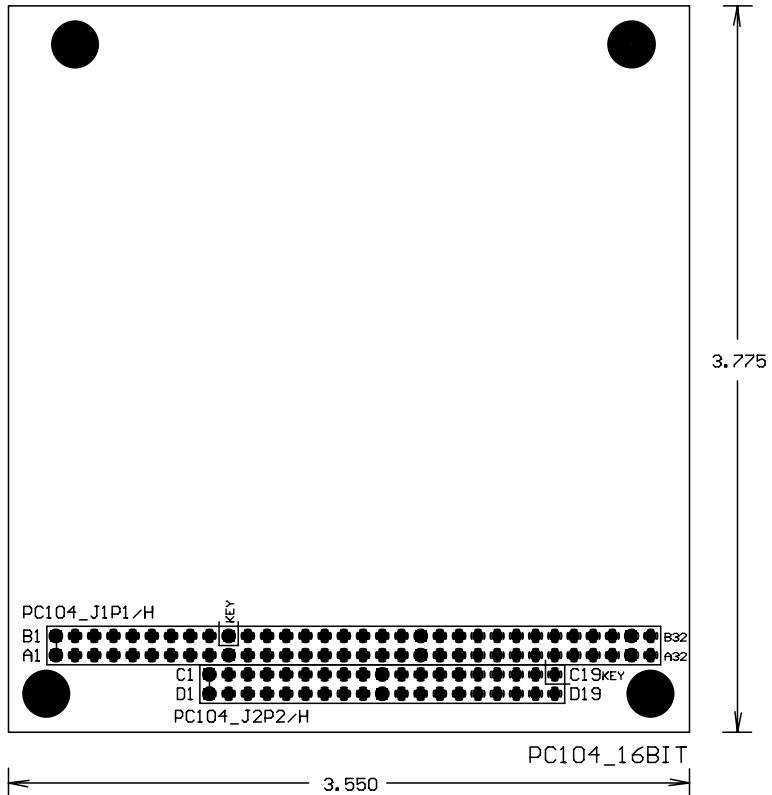


DIMENSIONS_ON_COMMENT_LAYER

FULL_LENGTH_NOT_SHOWN

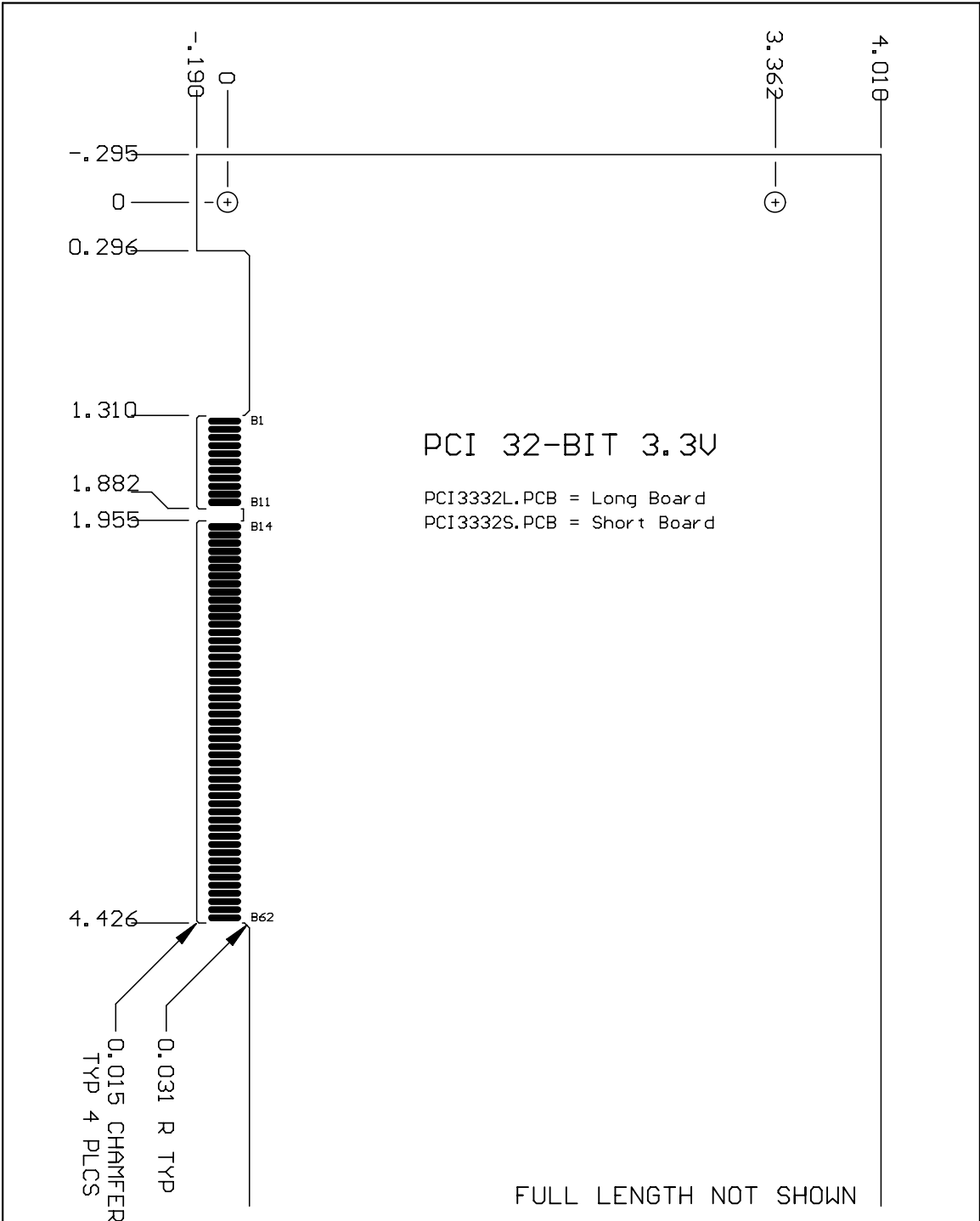
| | | |
|-------------|---------------------------|--------|
| BOARDBLANKS | ISA_COMPATIBLE_BOARDBLANK | PAGE |
| v7.10 | | ISAB-1 |

PC/104 COMPATIBLE PCB BOARDBLANKS

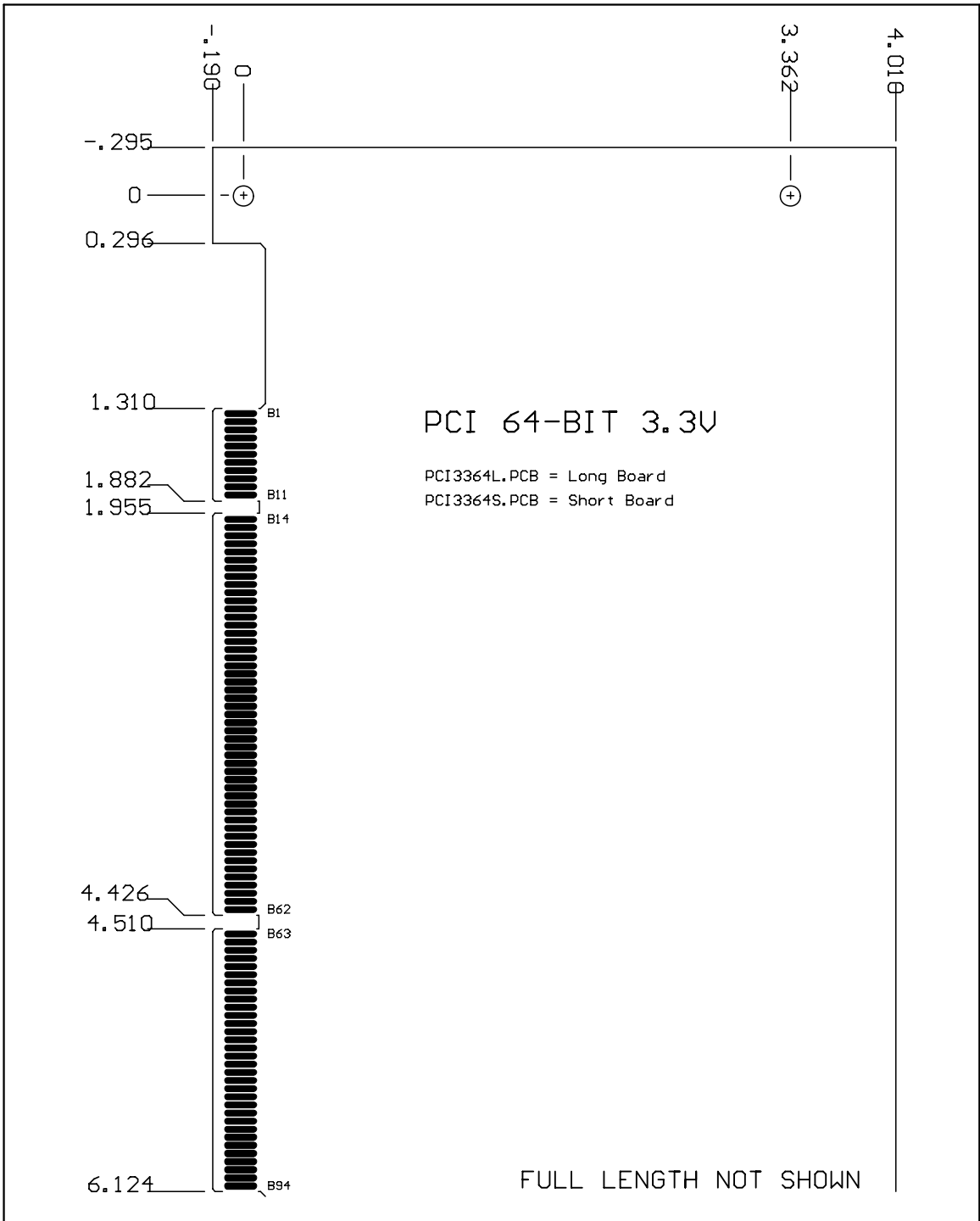


8 BIT FILENAME : PC104_8.PCB
 16 BIT FILENAME : PC104_16.PCB

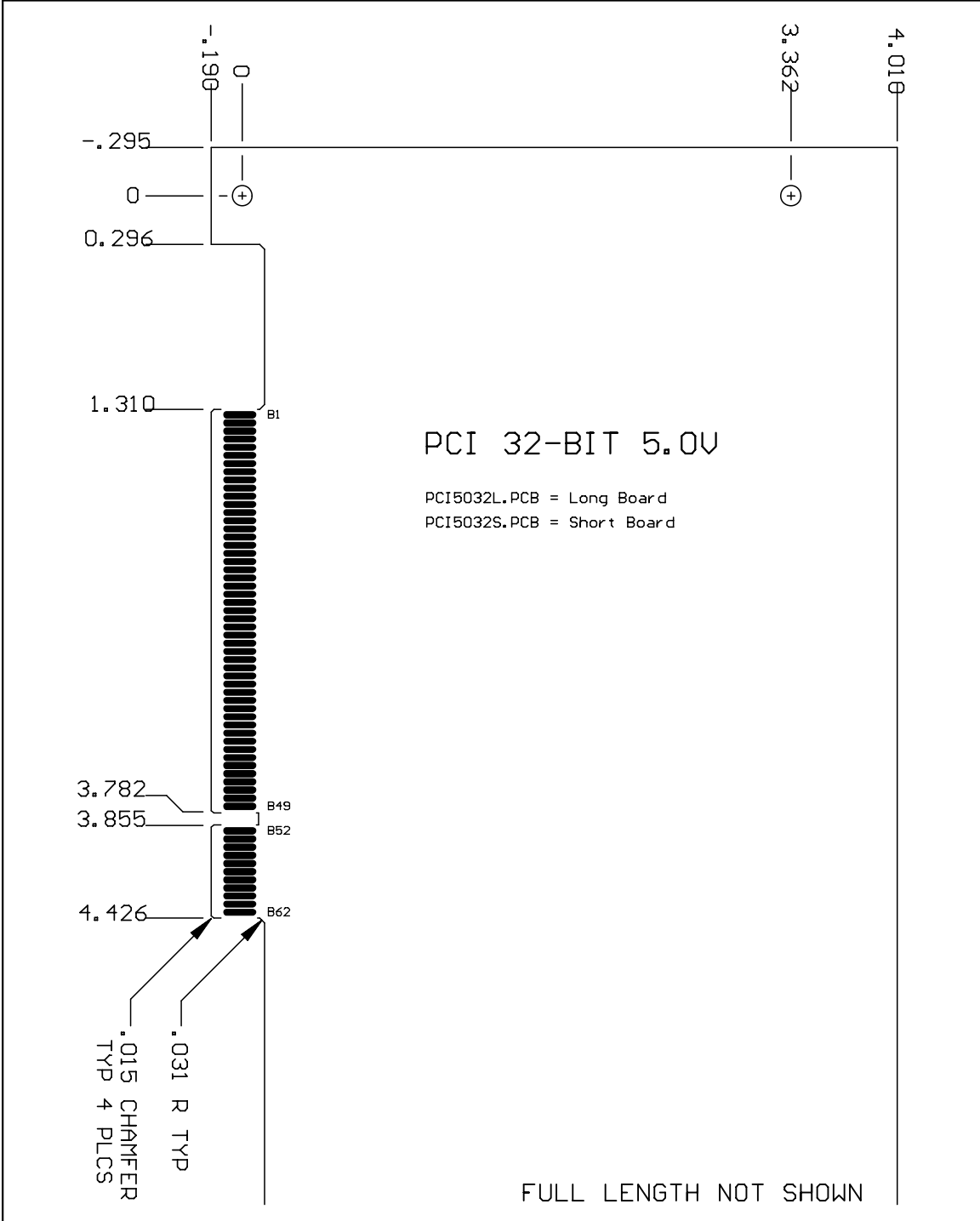
| | | |
|-------|-------------------|----------|
| v7.10 | PC/104 BOARDBLANK | |
| | | PC104B-1 |



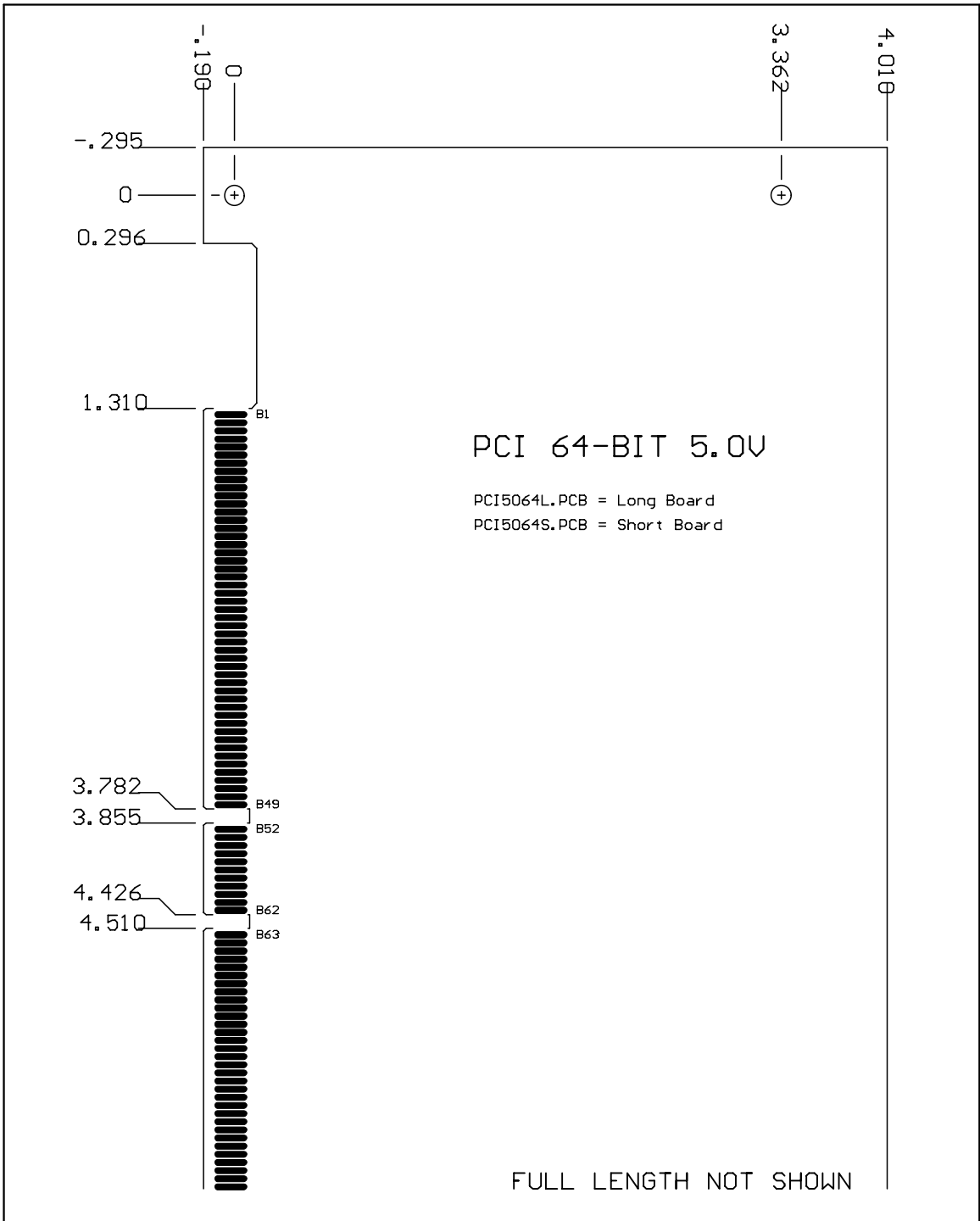
| | | |
|--------------|----------------------------|-------|
| VERSION 6.00 | PCI COMPATIBLE BOARDBLANKS | |
| PCI3332S.PCB | | PCI-1 |



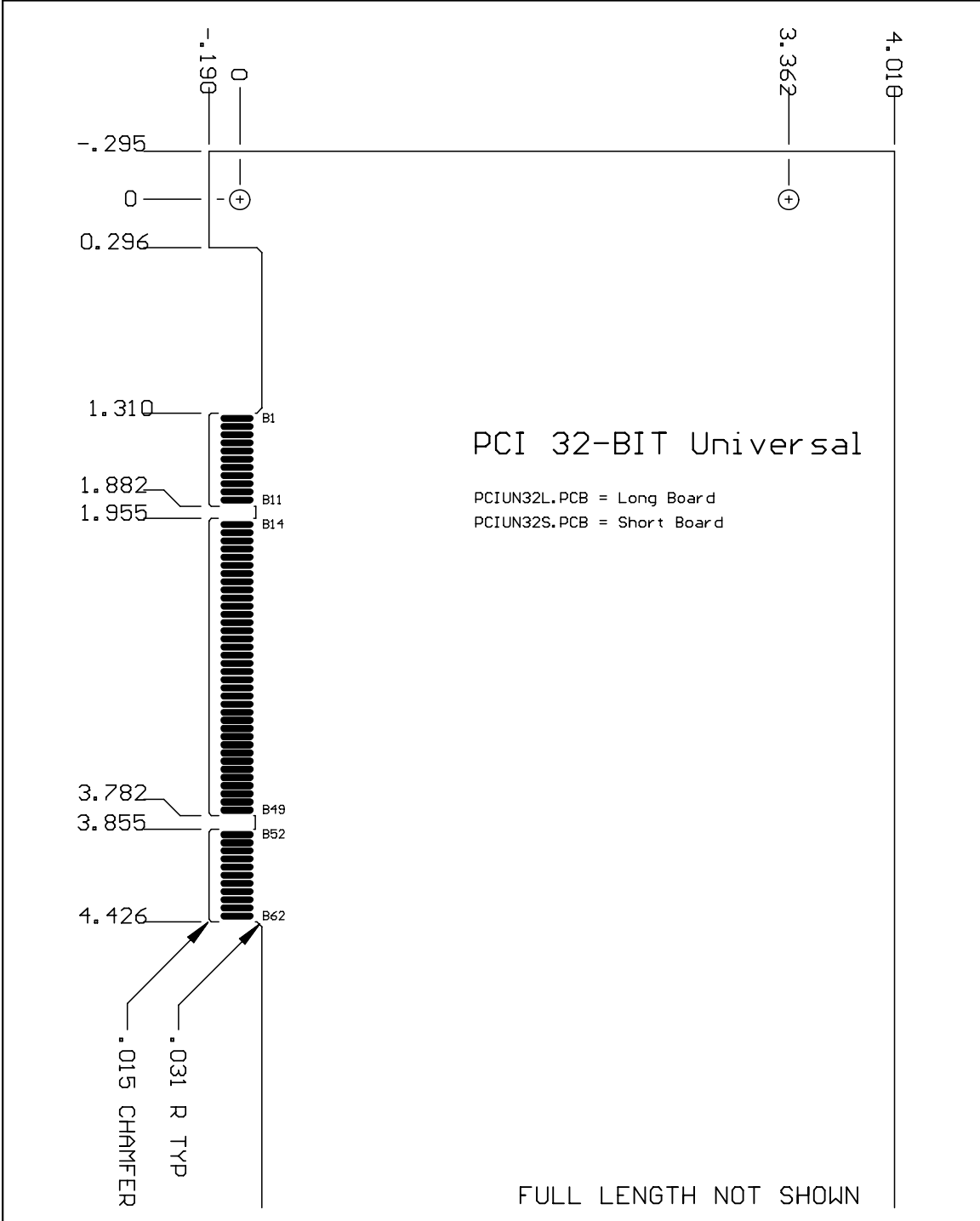
| | | |
|--------------|----------------------------|-------|
| VERSION 6.00 | PCI COMPATIBLE BOARDBLANKS | |
| PCI3364L.PCB | | PCI-2 |



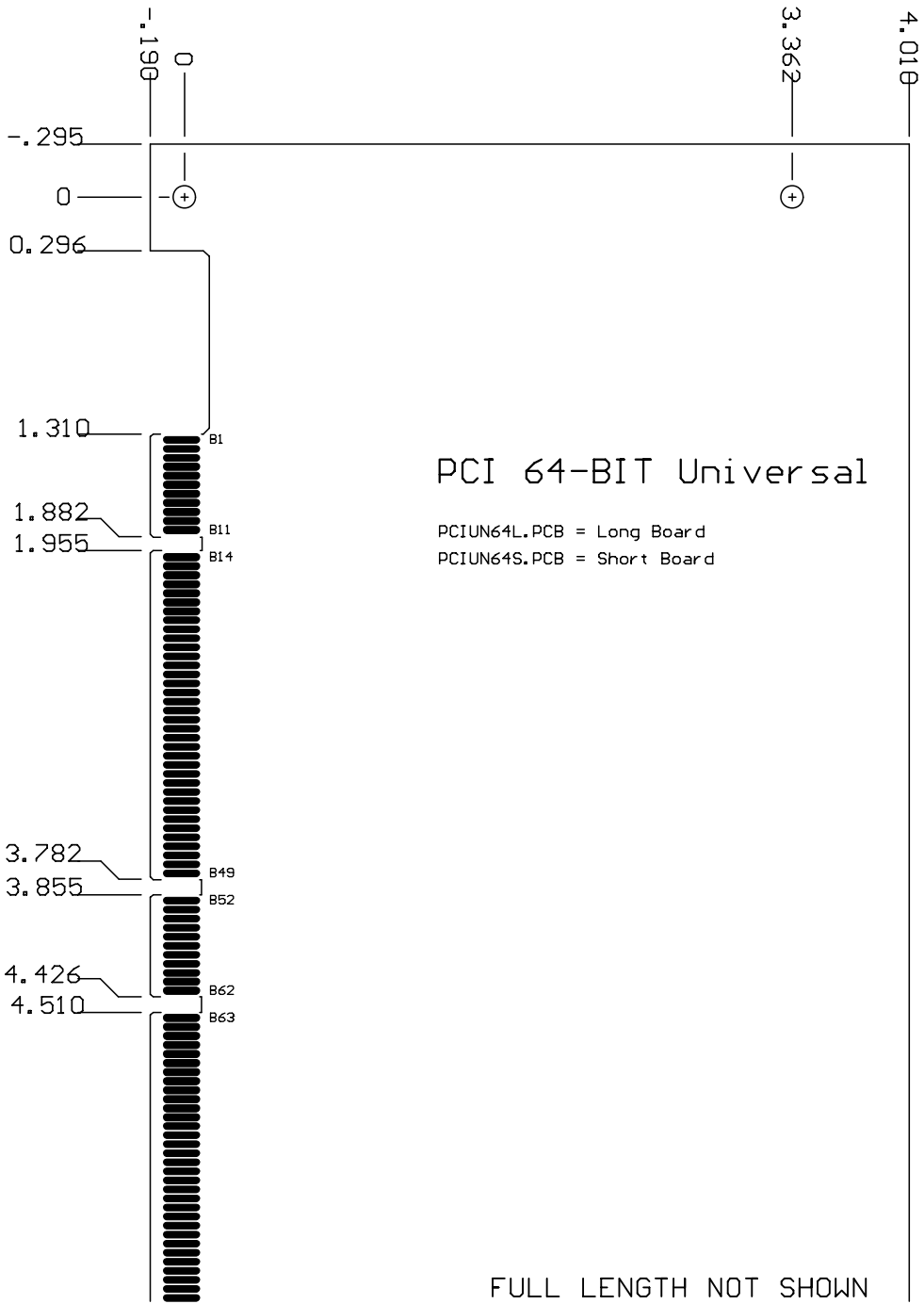
| | | |
|--------------|----------------------------|-------|
| VERSION 6.00 | PCI COMPATIBLE BOARDBLANKS | |
| PCI5032S.PCB | | PCI-3 |



| | | |
|--------------|----------------------------|-------|
| VERSION 6.00 | PCI COMPATIBLE BOARDBLANKS | |
| PCI5064S.PCB | | PCI-4 |



| | | |
|--------------|----------------------------|-------|
| VERSION 6.00 | PCI COMPATIBLE BOARDBLANKS | |
| PCIUN32S.PCB | | PCI-5 |



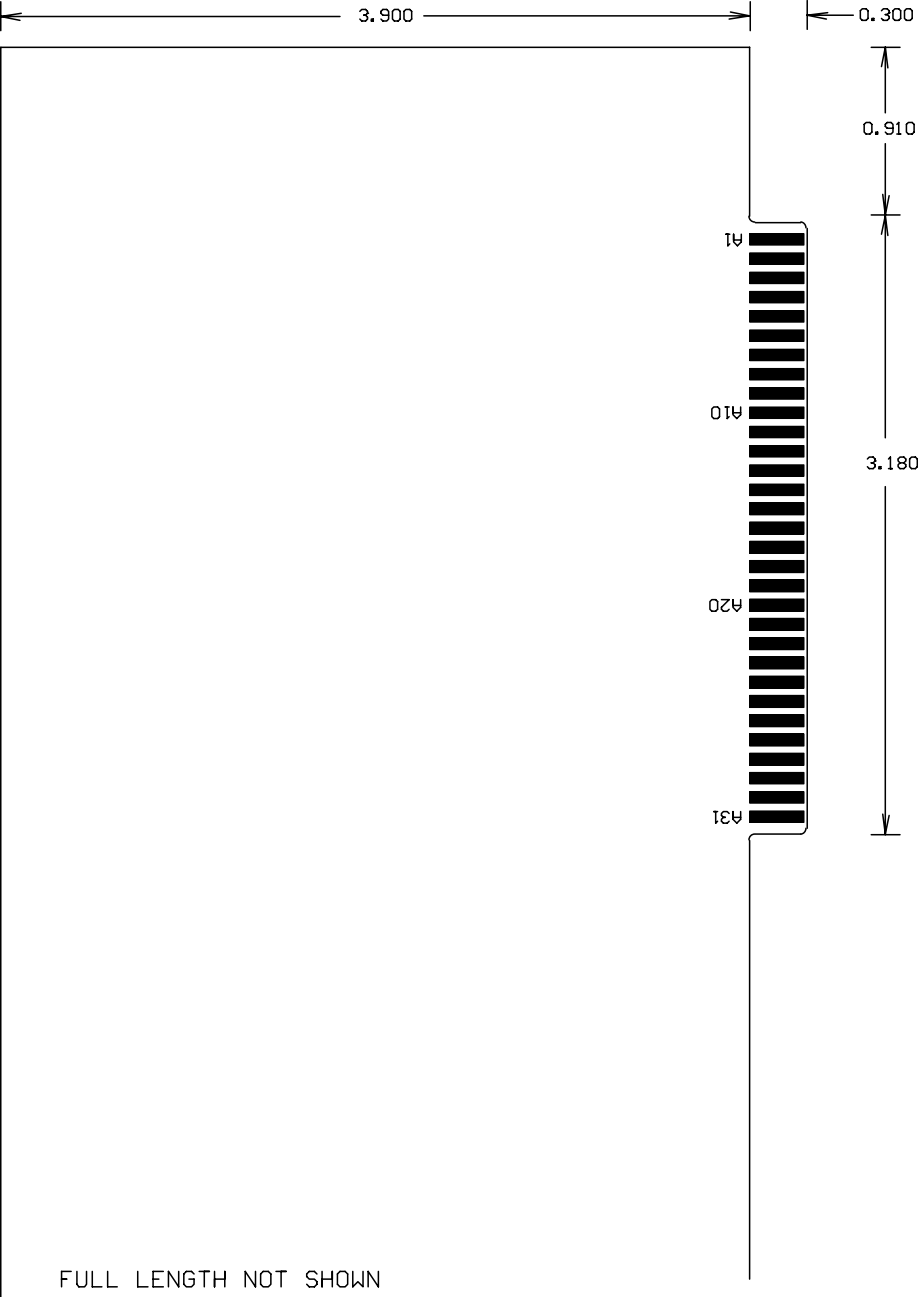
PCI 64-BIT Universal

PCIUN64L.PCB = Long Board
 PCIUN64S.PCB = Short Board

FULL LENGTH NOT SHOWN

| | | |
|--------------|----------------------------|-------|
| VERSION 6.00 | PCI COMPATIBLE BOARDBLANKS | |
| PCIUN64S.PCB | | PCI-6 |

XT COMPATIBLE PCB BOARDBLANK



FULL LENGTH NOT SHOWN

| | | |
|-------|--------------------------|-------|
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