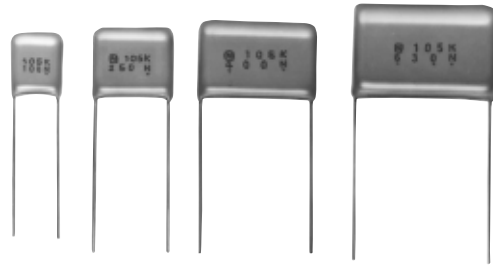


Metallized Polyester Film Capacitor

Type: **ECQE(F)**

Non-inductive construction using metallized Polyester film with flame retardant epoxy resin coating



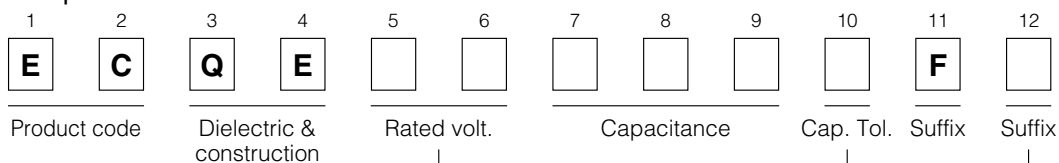
■ Features

- Self-healing property
- Excellent electrical characteristics
- Flame retardant epoxy resin coating
- RoHS directive compliant

■ Recommended Applications

- General purpose usage
- ※ Please contact us when applications are CD I , ignitor etc.

■ Explanation of Part Numbers

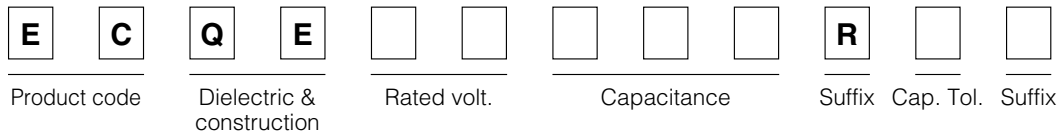


1	100 VDC	10	1000 VDC
2	250 VDC	12	1250 VDC
4	400 VDC	1A	125 VAC
6	630 VDC	2A	250 VAC

J	±5 %
K	±10 %
M	±20 %

Blank	Type 1	Straight
B	Type 2	Crimped lead
W	Type 3	
3	Ammo	Crimped taping
6	Ammo	Crimped taping
9	Reel	Crimped taping

● Explanation of Part Number for Odd Size Taping



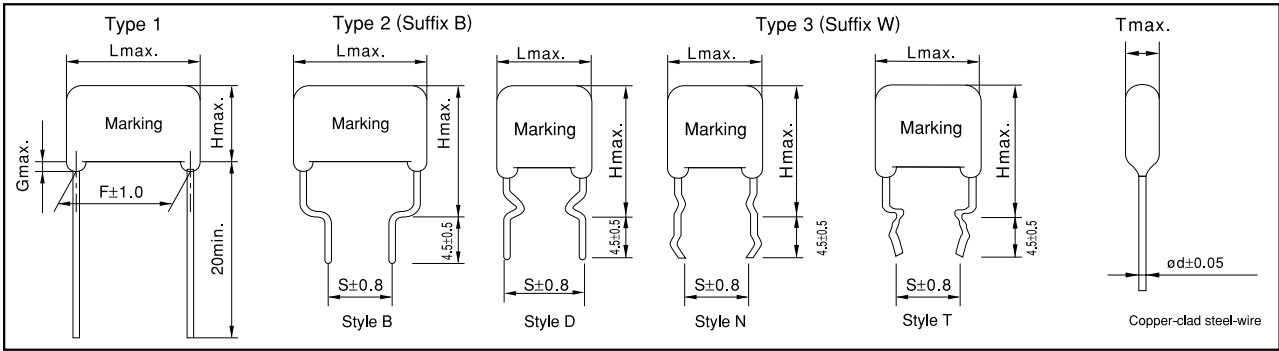
■ Specifications

Category temp. range (Including temperature-rise on unit surface)	100 VDC, 250 VDC, 400 VDC, 630 VDC, 1000 VDC, 1250 VDC,	-40 °C to +105 °C
	125 VAC, 250 VAC	-40 °C to +85 °C
Rated voltage	100 VDC, 250 VDC, 400 VDC, 630 VDC, 1000 VDC, 1250 VDC, (Derating of rated voltage by 1.25 %/°C at more than 85 °C) 125 VAC, 250 VAC	
Capacitance range	0.0010 μF to 10 μF (E12)	
Capacitance tolerance	±5 % (J), ±10 % (K), ±20 % (M)	
Dissipation factor (tan δ)	tan δ ≤ 1.0 % (20 °C, 1 kHz)	
Withstand voltage	● Rated volt. 100 V to 630 VDC Between terminals : Rated volt.(VDC)×150 % 60 s	
	● Rated volt. 1000 VDC, 1250 VDC Between terminals : Rated volt. (VDC)×175 % 2 s to 5 s or 1000 VAC 60 s Between terminals to enclosure : 1500 VAC 60 s	
	● Rated volt. 125 VAC, 250 VAC Between terminals : Rated volt.(VAC)×230 % 60 s Between terminals to enclosure : 1500 VAC 60 s	
Insulation resistance (IR)	100 V to 630 VDC:	C ≤ 0.33 μF : IR ≥ 9000 MΩ (20 °C, 100 VDC, 60 s) C > 0.33 μF : IR ≥ 3000 MΩ · μF
	1000 VDC, 1250 VDC:	IR ≥ 10000 MΩ (20 °C, 100 VDC, 60 s) IR ≥ 2000 MΩ (20 °C, 500 VDC, 60 s)
	125 VAC, 250 VAC:	IR ≥ 2000 MΩ (20 °C, 500 VDC, 60 s)

※ In case of applying voltage in alternating current (50 Hz or 60 Hz sine wave) to a capacitor with DC rated voltage, please refer to the page of "Permissible voltage (R.M.S) in alternating current corresponding to DC rated voltage".

※ Voltage to be applied to ECQE1A (F) & ECQE2A (F) is only sine wave (50 Hz or 60 Hz).

■ Dimensions in mm (not to scale)

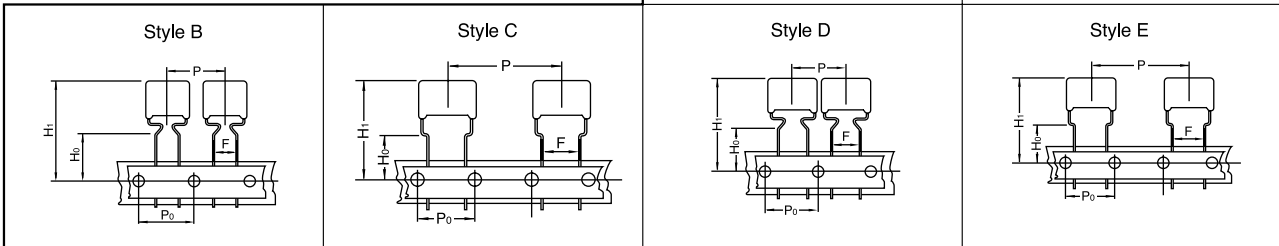


■ Packaging Specifications for Bulk Package

Packing quantity: 100 pcs./bag

■ Taping Specifications for Automatic Insertion

● Taping style



* Refer to the page of taping specifications.

● Packaging Specifications

Type	Rated volt.	Cap. range (μF)	Taping style							Packing	suffix
			AD	AS	AB	B	C	D	E		
ECQE (F)	100 VDC	0.56 to 0.68	○							Ammo	() F3
		0.56 to 0.68	○							Reel	() F9
		0.82 to 1.0				○				Ammo	() F3
		1.2 to 3.3					○			Ammo	() F3
	250 VDC	1.2 to 3.3							○	Ammo	R() F
		0.010 to 0.27	○							Ammo	() F3
		0.33				○				Ammo	() F3
		0.39 to 1.5					○			Ammo	() F3
	400 VDC	0.010 to 0.33							○	Ammo	R() F
		0.39 to 1.5							○	Ammo	R() F
		0.010 to 0.10	○							Ammo	() F3
		0.12 to 0.47					○			Ammo	() F3
	630 VDC	0.010 to 0.10	○							Reel	() F9
		0.010 to 0.10							○	Ammo	R() F
		0.12 to 0.47							○	Ammo	R() F
		0.010 to 0.033	○							Ammo	() F3
	1000 VDC	0.039 to 0.047				○				Ammo	() F3
		0.056 to 0.22					○			Ammo	() F3
		0.010 to 0.047	○							Reel	() F9
		0.010 to 0.047							○	Ammo	R() F
	1250 VDC	0.056 to 0.22							○	Ammo	R() F
		0.010 to 0.10							○	Ammo	R() F
		0.010 to 0.15				○				Ammo	() F6
		0.18 to 0.47					○			Ammo	() F3
250 VAC	0.010 to 0.22							○	Ammo	R() F	
	0.27 to 0.47							○	Ammo	R() F	
	0.010 to 0.033				○				Ammo	() F6	
	0.010 to 0.047							○	Ammo	R() F	
250 VAC	0.056 to 0.22							○	Ammo	R() F	

● Lead Spacing

Style	Lead Spacing
AD	5.0 mm
AB	5.0 mm
B	5.0 mm
C	5.0 mm
D	7.5 mm
E	7.5 mm

* See the column "Rating, Dimensions & Quantity Box" for packing quantity.

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 100 VDC, Capacitance tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K)

Part No	Cap. (μ F)	Dimensions (mm)								Quantity		
		L max.	T max.	H max.		F	S	G max.	ϕ d	5 mm Ammo	5 mm Ammo	7.5 mm Ammo
				Type 1	Type 2,3							
ECQE1564□F()	0.56	12.0	5.5	10.9	15.9	10.0	10.0	1.0	0.60	500	—	—
ECQE1684□F()	0.68	12.0	6.0	11.9	16.9	10.0	10.0	1.0	0.60			
ECQE1824□F()	0.82	12.0	6.0	13.5	18.5	10.0	10.0	1.0	0.60			
ECQE1105□F()	1.0	12.0	6.7	14.0	19.0	10.0	10.0	1.0	0.60			
ECQE1125□F()	1.2	18.5	5.5	12.8	17.8	15.0	10.0	1.0	0.60			
ECQE1155□F()	1.5	18.5	6.0	13.4	18.4	15.0	10.0	1.0	0.80			
ECQE1185□F()	1.8	18.5	6.5	14.4	19.4	15.0	10.0	1.0	0.80			
ECQE1225□F()	2.2	18.5	7.0	15.0	20.0	15.0	10.0	1.0	0.80			
ECQE1275□F()	2.7	18.5	8.0	15.8	20.8	15.0	10.0	1.0	0.80			
ECQE1335□F()	3.3	18.5	8.5	16.5	21.5	15.0	10.0	1.0	0.80			
ECQE1395□F()	3.9	26.0	7.0	16.4	21.4	22.5	15.0	1.0	0.80			
ECQE1475□F()	4.7	26.0	7.5	17.0	22.0	22.5	15.0	1.0	0.80			
ECQE1565□F()	5.6	26.0	8.3	17.5	22.5	22.5	15.0	1.0	0.80			
ECQE1685□F()	6.8	26.0	9.0	18.5	23.5	22.5	15.0	1.0	0.80			
ECQE1825□F()	8.2	26.0	10.0	20.0	25.0	22.5	15.0	1.5	0.80			
ECQE1106□F()	10.0	26.0	11.5	21.0	26.0	22.5	15.0	1.5	0.80			

↑ ↑
 ———— Suffix for lead crimped or taped type
 ———— Cap. tol. code

Style N, style D: 0.056 μ F to 1.0 μ F
 Style T, style B: 1.2 μ F to 10 μ F

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 250 VDC, Capacitance tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K)

Part No	Cap. (μ F)	Dimensions (mm)								Quantity		
		L max.	T max.	H max.		F	S	G max.	ϕ d	5 mm Ammo	5 mm Ammo	7.5 mm Ammo
				Type 1	Type 2,3							
ECQE2103□F()	0.010	10.3	4.3	7.4	12.4	7.5	7.5	1.0	0.60	1000	—	1000
ECQE2123□F()	0.012	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2153□F()	0.015	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2183□F()	0.018	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2223□F()	0.022	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2273□F()	0.027	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2333□F()	0.033	10.3	4.5	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2393□F()	0.039	10.3	4.5	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2473□F()	0.047	10.3	4.5	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2563□F()	0.056	10.3	4.8	7.9	12.9	7.5	7.5	1.0	0.60			
ECQE2683□F()	0.068	10.3	4.5	7.5	12.5	7.5	7.5	1.0	0.60			
ECQE2823□F()	0.082	10.3	4.9	8.0	13.0	7.5	7.5	1.0	0.60			
ECQE2104□F()	0.10	10.3	5.8	8.4	13.4	7.5	7.5	1.0	0.60			
ECQE2124□F()	0.12	10.3	6.0	9.0	14.0	7.5	7.5	1.0	0.60			
ECQE2154□F()	0.15	10.3	6.0	10.8	15.8	7.5	7.5	1.0	0.60			
ECQE2184□F()	0.18	12.0	5.0	10.3	15.3	10.0	10.0	1.0	0.60			
ECQE2224□F()	0.22	12.0	5.5	10.5	15.5	10.0	10.0	1.0	0.60			
ECQE2274□F()	0.27	12.0	6.0	11.5	16.5	10.0	10.0	1.0	0.60			
ECQE2334□F()	0.33	12.0	6.5	12.0	17.0	10.0	10.0	1.0	0.60			
ECQE2394□F()	0.39	18.5	4.9	12.0	17.0	15.0	10.0	1.0	0.60			
ECQE2474□F()	0.47	18.5	5.3	12.5	17.5	15.0	10.0	1.0	0.60			
ECQE2564□F()	0.56	18.5	5.5	13.0	18.0	15.0	10.0	1.0	0.60			
ECQE2684□F()	0.68	18.5	6.0	13.5	18.5	15.0	10.0	1.0	0.80			
ECQE2824□F()	0.82	18.5	6.5	14.5	19.5	15.0	10.0	1.0	0.80			
ECQE2105□F()	1.0	18.5	7.4	15.0	20.0	15.0	10.0	1.0	0.80			
ECQE2125□F()	1.2	18.5	8.0	15.9	20.9	15.0	10.0	1.0	0.80			
ECQE2155□F()	1.5	18.5	9.0	16.8	21.8	15.0	10.0	1.0	0.80			
ECQE2185□F()	1.8	26.0	7.5	15.5	20.5	22.5	15.0	1.0	0.80			
ECQE2225□F()	2.2	26.0	8.5	16.3	21.3	22.5	15.0	1.0	0.80			
ECQE2275□F()	2.7	26.0	9.4	17.0	22.0	22.5	15.0	1.0	0.80			
ECQE2335□F()	3.3	26.0	10.3	18.0	23.0	22.5	15.0	1.5	0.80			
ECQE2395□F()	3.9	26.0	11.0	20.5	25.5	22.5	15.0	1.5	0.80			
ECQE2475□F()	4.7	26.0	12.0	21.5	26.5	22.5	15.0	1.5	0.80			
ECQE2565□F()	5.6	31.0	11.8	21.0	26.0	27.5	22.5	1.5	0.80			
ECQE2685□F()	6.8	31.0	13.0	22.4	27.4	27.5	22.5	1.5	0.80			
ECQE2825□F()	8.2	31.0	14.3	23.5	28.5	27.5	22.5	1.5	0.80			
ECQE2106□F()	10.0	31.0	15.9	25.8	30.8	27.5	22.5	1.5	0.80			

↑ ↑
 ———— Suffix for lead crimped or taped type
 ———— Cap. tol. code

Style N, Style D: 0.010 μ F to 0.33 μ F
 Style T, Style B: 0.039 μ F to 10 μ F

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 400 VDC, Capacitance tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K)

Part No.	Cap. (μF)	Dimensions (mm)								Quantity.				
		L _{max.}	T _{max.}	H _{max.}		F		S		G _{max.}	ϕ d	Standard 5 mm	Odd size 5 mm	Odd size 7.5 mm
				Type 1	Type 2,3	Type 1	Type 2,3	Type 1	Type 2,3					
ECQE4103□F()	0.010	10.3	4.3	7.4	12.4	7.5	7.5	1.0	0.60	1000	—	1000		
ECQE4123□F()	0.012	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60					
ECQE4153□F()	0.015	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60					
ECQE4183□F()	0.018	10.3	4.4	7.5	12.5	7.5	7.5	1.0	0.60					
ECQE4223□F()	0.022	10.3	4.8	7.9	12.9	7.5	7.5	1.0	0.60					
ECQE4273□F()	0.027	10.3	5.5	8.0	13.0	7.5	7.5	1.0	0.60					
ECQE4333□F()	0.033	10.3	6.0	9.0	14.0	7.5	7.5	1.0	0.60					
ECQE4393□F()	0.039	12.0	4.9	8.0	13.0	10.0	10.0	1.0	0.60					
ECQE4473□F()	0.047	12.0	5.0	8.3	13.3	10.0	10.0	1.0	0.60					
ECQE4563□F()	0.056	12.0	5.0	10.0	15.0	10.0	10.0	1.0	0.60					
ECQE4683□F()	0.068	12.0	5.4	10.5	15.5	10.0	10.0	1.0	0.60					
ECQE4823□F()	0.082	12.0	5.8	11.0	16.0	10.0	10.0	1.0	0.60					
ECQE4104□F()	0.10	12.0	6.3	12.0	17.0	10.0	10.0	1.0	0.60					
ECQE4124□F()	0.12	18.5	5.0	10.0	15.0	15.0	10.0	1.0	0.60					
ECQE4154□F()	0.15	18.5	5.0	12.4	17.4	15.0	10.0	1.0	0.60					
ECQE4184□F()	0.18	18.5	5.4	12.5	17.5	15.0	10.0	1.0	0.60					
ECQE4224□F()	0.22	18.5	5.9	13.0	18.0	15.0	10.0	1.0	0.60					
ECQE4274□F()	0.27	18.5	6.5	14.3	19.3	15.0	10.0	1.0	0.80					
ECQE4334□F()	0.33	18.5	7.0	14.9	19.9	15.0	10.0	1.0	0.80					
ECQE4394□F()	0.39	18.5	7.5	15.4	20.4	15.0	10.0	1.0	0.80					
ECQE4474□F()	0.47	18.5	7.8	17.0	22.0	15.0	10.0	1.0	0.80					
ECQE4564□F()	0.56	26.0	6.5	16.0	21.0	22.5	15.0	1.0	0.80					
ECQE4684□F()	0.68	26.0	7.0	16.5	21.5	22.5	15.0	1.0	0.80					
ECQE4824□F()	0.82	26.0	7.9	17.3	22.3	22.5	15.0	1.0	0.80					
ECQE4105□F()	1.0	26.0	8.5	18.0	23.0	22.5	15.0	1.0	0.80					
ECQE4125□F()	1.2	26.0	9.5	18.9	23.9	22.5	15.0	1.0	0.80					
ECQE4155□F()	1.5	31.0	9.5	19.0	24.0	27.5	22.5	1.0	0.80					
ECQE4185□F()	1.8	31.0	11.0	20.5	25.5	27.5	22.5	1.5	0.80					
ECQE4225□F()	2.2	31.0	11.0	22.0	27.0	27.5	22.5	1.5	0.80					

Style N, Style D: 0.010 μF to 0.10 μF
Style T, Style B: 0.12 μF to 2.2 μF

● Rated voltage : 630 VDC, Capacitance tolerance : $\pm 5\%$ (J), $\pm 10\%$ (K)

Part No.	Cap. (μF)	Dimensions (mm)								Quantity.				
		L _{max.}	T _{max.}	H _{max.}		F		S		G _{max.}	ϕ d	Standard 5 mm	Odd size 5 mm	Odd size 7.5 mm
				Type 1	Type 2,3	Type 1	Type 2,3	Type 1	Type 2,3					
ECQE6103□F()	0.010	12.0	4.5	7.5	12.5	10.0	10.0	1.0	0.60	1000	—	1000		
ECQE6123□F()	0.012	12.0	4.5	7.8	12.8	10.0	10.0	1.0	0.60					
ECQE6153□F()	0.015	12.0	5.0	8.2	13.2	10.0	10.0	1.0	0.60					
ECQE6183□F()	0.018	12.0	4.9	10.0	15.0	10.0	10.0	1.0	0.60					
ECQE6223□F()	0.022	12.0	5.3	10.5	15.5	10.0	10.0	1.0	0.60					
ECQE6273□F()	0.027	12.0	5.5	10.9	15.9	10.0	10.0	1.0	0.60					
ECQE6333□F()	0.033	12.0	6.0	11.9	16.9	10.0	10.0	1.0	0.60					
ECQE6393□F()	0.039	12.0	6.0	13.4	18.4	10.0	10.0	1.0	0.60					
ECQE6473□F()	0.047	12.0	6.5	13.5	18.5	10.0	10.0	1.0	0.60					
ECQE6563□F()	0.056	18.5	5.4	10.5	15.5	15.0	10.0	1.0	0.60					
ECQE6683□F()	0.068	18.5	5.8	11.0	16.0	15.0	10.0	1.0	0.60					
ECQE6823□F()	0.082	18.5	6.5	12.0	17.0	15.0	10.0	1.0	0.60					
ECQE6104□F()	0.10	18.5	6.3	14.0	19.0	15.0	10.0	1.0	0.60					
ECQE6124□F()	0.12	18.5	6.3	14.5	19.5	15.0	10.0	1.0	0.80					
ECQE6154□F()	0.15	18.5	7.5	15.4	20.4	15.0	10.0	1.0	0.80					
ECQE6184□F()	0.18	18.5	8.0	16.0	21.0	15.0	10.0	1.0	0.80					
ECQE6224□F()	0.22	18.5	9.0	16.5	21.5	15.0	10.0	1.0	0.80					
ECQE6274□F()	0.27	26.0	7.0	16.5	21.5	22.5	15.0	1.0	0.80					
ECQE6334□F()	0.33	26.0	7.8	17.0	22.0	22.5	15.0	1.0	0.80					
ECQE6394□F()	0.39	26.0	8.5	17.9	22.9	22.5	15.0	1.0	0.80					
ECQE6474□F()	0.47	26.0	9.3	18.5	23.5	22.5	15.0	1.0	0.80					
ECQE6564□F()	0.56	26.0	10.0	20.0	25.0	22.5	15.0	1.5	0.80					
ECQE6684□F()	0.68	26.0	11.5	21.0	26.0	22.5	15.0	1.5	0.80					
ECQE6824□F()	0.82	31.0	11.3	20.5	25.5	27.5	22.5	1.5	0.80					
ECQE6105□F()	1.0	31.0	12.5	21.9	26.9	27.5	22.5	1.5	0.80					
ECQE6125□F()	1.2	31.0	13.5	23.0	28.0	27.5	22.5	1.5	0.80					
ECQE6155□F()	1.5	31.0	15.3	24.7	29.7	27.5	22.5	1.5	0.80					
ECQE6185□F()	1.8	31.0	16.8	27.0	32.0	27.5	22.5	1.5	0.80					
ECQE6225□F()	2.2	31.0	19.5	29.0	34.0	27.5	22.5	1.5	0.80					

↑ Suffix for lead crimped or taped type.
↑ Cap. tol. code

Style N, Style D: 0.010 μF to 0.047 μF
Style T, Style B: 0.056 μF to 2.2 μF

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 1000 VDC, 125 VAC, Capacitance tolerance : ±5 % (J), ±10 % (K), ±20 % (M)

Part No.	Cap. (μ F)	Dimensions (mm)								Quantity	
		L _{max.}	T _{max.}	H _{max.}		F		S		G _{max.}	ød
				Type 1	Type 2	Type 1	Type 2	Type 1			
ECQE10102□F()	0.0010	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60	500	
ECQE10122□F()	0.0012	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60		
ECQE10152□F()	0.0015	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60		
ECQE10182□F()	0.0018	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60		
ECQE10222□F()	0.0022	15.5	6.0	11.5	16.5	12.5	10.0	1.0	0.60		
ECQE10272□F()	0.0027	15.5	6.5	12.0	17.0	12.5	10.0	1.0	0.60		
ECQE10332□F()	0.0033	15.5	6.0	11.5	16.5	12.5	10.0	1.0	0.60		
ECQE10392□F()	0.0039	15.5	6.5	12.0	17.0	12.5	10.0	1.0	0.60		
ECQE10472□F()	0.0047	15.5	7.0	12.5	17.5	12.5	10.0	1.0	0.60		
ECQE10562□F()	0.0056	15.5	7.5	13.0	18.0	12.5	10.0	1.0	0.60	400	
ECQE10682□F()	0.0068	15.5	7.0	12.5	17.5	12.5	10.0	1.0	0.60	500	
ECQE10822□F()	0.0082	15.5	6.5	12.0	17.0	12.5	12.5	1.0	0.60		
ECQE10103□F()	0.010	15.5	6.0	11.0	16.0	12.5	12.5	1.0	0.60		
ECQE10123□F()	0.012	15.5	6.0	12.0	17.0	12.5	12.5	1.0	0.60		
ECQE10153□F()	0.015	15.5	7.0	12.5	17.5	12.5	12.5	1.0	0.60		
ECQE10183□F()	0.018	15.5	7.5	13.0	20.0	12.5	12.5	1.0	0.80	400	
ECQE10223□F()	0.022	15.5	7.5	15.5	22.5	12.5	12.5	1.0	0.80	500	
ECQE10273□F()	0.027	21.0	6.0	13.0	18.0	17.5	12.5	1.0	0.80		
ECQE10333□F()	0.033	21.0	6.5	14.0	19.0	17.5	12.5	1.0	0.80		
ECQE10393□F()	0.039	21.0	7.0	14.5	19.5	17.5	12.5	1.0	0.80	400	
ECQE10473□F()	0.047	21.0	7.5	15.5	20.5	17.5	12.5	1.0	0.80		
ECQE10563□F()	0.056	21.0	7.5	17.0	22.0	17.5	12.5	1.0	0.80	300	
ECQE10683□F()	0.068	21.0	8.5	18.0	23.0	17.5	12.5	1.0	0.80		
ECQE10823□F()	0.082	21.0	9.0	18.5	23.5	17.5	12.5	1.0	0.80		
ECQE10104□F()	0.10	21.0	10.0	20.0	25.0	17.5	12.5	1.0	0.80	—	
ECQE10124□F()	0.12	26.0	9.0	18.5	23.5	22.5	17.5	1.0	0.80		
ECQE10154□F()	0.15	26.0	10.0	20.0	25.0	22.5	17.5	1.5	0.80		
ECQE10184□F()	0.18	26.0	10.5	22.0	27.0	22.5	17.5	1.5	0.80		
ECQE10224□F()	0.22	26.0	12.0	23.0	28.0	22.5	17.5	1.5	0.80		

Suffix for lead crimped or taped type.
 Cap. tol. code

Style D: 0.0010 μ F to 0.022 μ F
 Style B: 0.027 μ F to 0.22 μ F

Note)

Making for rated voltage
 Type F: (1000 V, 125 V \sim)

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 1250 VDC, 125 VAC, Capacitance tolerance : ±5 % (J), ±10 % (K), ±20 % (M)

Part No.	Cap. (μ F)	Dimensions (mm)								Quantity	
		L _{max.}	T _{max.}	H _{max.}		F		S		G _{max.}	ød
				Type 1	Type 2	Type 1	Type 2	Type 1			
ECQE12102□F()	0.0010	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60	500	
ECQE12122□F()	0.0012	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60		
ECQE12152□F()	0.0015	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60		
ECQE12182□F()	0.0018	15.5	6.0	11.0	16.0	12.5	10.0	1.0	0.60		
ECQE12222□F()	0.0022	15.5	6.0	11.5	16.5	12.5	10.0	1.0	0.60		
ECQE12272□F()	0.0027	15.5	6.5	12.0	17.0	12.5	10.0	1.0	0.60		
ECQE12332□F()	0.0033	15.5	6.0	11.5	16.5	12.5	10.0	1.0	0.60		
ECQE12392□F()	0.0039	15.5	6.5	12.0	17.0	12.5	10.0	1.0	0.60		
ECQE12472□F()	0.0047	15.5	7.0	12.5	17.5	12.5	10.0	1.0	0.60		
ECQE12562□F()	0.0056	15.5	7.5	13.0	18.0	12.5	10.0	1.0	0.60	400	
ECQE12682□F()	0.0068	15.5	7.5	15.0	20.0	12.5	10.0	1.0	0.60		
ECQE12822□F()	0.0082	21.0	5.0	12.0	17.0	17.5	12.5	1.0	0.60	500	
ECQE12103□F()	0.010	21.0	5.0	12.5	17.5	17.5	12.5	1.0	0.60		
ECQE12123□F()	0.012	21.0	5.5	13.0	18.0	17.5	12.5	1.0	0.60		
ECQE12153□F()	0.015	21.0	6.0	13.5	18.5	17.5	12.5	1.0	0.60		
ECQE12183□F()	0.018	21.0	6.5	14.5	19.5	17.5	12.5	1.0	0.80		
ECQE12223□F()	0.022	21.0	7.0	15.0	20.0	17.5	12.5	1.0	0.80		
ECQE12273□F()	0.027	26.0	6.0	15.5	20.5	22.5	17.5	1.0	0.80		
ECQE12333□F()	0.033	26.0	6.5	16.0	21.0	22.5	17.5	1.0	0.80		
ECQE12393□F()	0.039	26.0	7.0	16.5	21.5	22.5	17.5	1.0	0.80		
ECQE12473□F()	0.047	26.0	8.0	17.0	22.0	22.5	17.5	1.0	0.80		
ECQE12563□F()	0.056	31.0	7.5	17.0	22.0	27.5	22.5	1.0	0.80		
ECQE12683□F()	0.068	31.0	8.0	17.5	22.5	27.5	22.5	1.0	0.80		
ECQE12823□F()	0.082	31.0	9.0	18.5	23.5	27.5	22.5	1.0	0.80		
ECQE12104□F()	0.10	31.0	10.0	19.5	24.5	27.5	22.5	1.0	0.80		
ECQE12124□F()	0.12	31.0	11.5	20.5	25.5	27.5	22.5	1.5	0.80		
ECQE12154□F()	0.15	31.0	12.0	23.0	28.0	27.5	22.5	1.5	0.80		
ECQE12184□F()	0.18	31.0	13.0	24.5	29.5	27.5	22.5	1.5	0.80		
ECQE12224□F()	0.22	31.0	14.5	26.5	31.5	27.5	22.5	1.5	0.80		

Suffix for lead crimped or taped type.
 Cap. tol. code

Style D: 0.0010 μ F to 0.0068 μ F
 Style B: 0.0082 μ F to 0.22 μ F

Note)

Making for rated voltage
 Type F: (1250 V, 125 V \sim)

■ Rating, Dimensions & Quantity/Ammo Box

● Rated voltage : 125 VAC, Capacitance tolerance : ±5 % (J), ±10 % (K), ±20 % (M)

Noise suppression Capacitors (Across-the-line)

Part No.	Cap. (μF)	Dimensions (mm)									Quantity			
		L _{max.}	T _{max.}	H _{max.}		F		S		G _{max.}	ø d	Standard 5 mm	Odd size 5 mm	Odd size 7.5 mm
				Type 1	Type 2,3	Type 1	Type 2,3	Type 1	Type 2,3					
ECQE1A103□F()	0.010	10.5	4.5	7.5	12.5	7.5	7.5	7.5	7.5	1.0	0.60	1000	—	1000
ECQE1A123□F()	0.012	10.5	4.4	7.5	12.5	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A153□F()	0.015	10.5	4.4	7.5	12.5	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A183□F()	0.018	10.5	4.4	7.5	12.5	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A223□F()	0.022	10.5	4.4	7.5	12.5	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A273□F()	0.027	10.5	4.4	7.5	12.5	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A333□F()	0.033	10.5	4.5	7.8	12.8	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A393□F()	0.039	10.5	4.5	7.8	12.8	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A473□F()	0.047	10.5	5.5	8.0	13.0	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A563□F()	0.056	10.5	5.9	8.5	13.5	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A683□F()	0.068	10.5	6.3	9.4	14.4	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A823□F()	0.082	10.5	6.5	9.8	14.8	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A104□F()	0.10	10.5	6.5	11.8	16.8	7.5	7.5	7.5	7.5	1.0	0.60			
ECQE1A124□F()	0.12	12.5	5.9	11.5	16.5	10.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A154□F()	0.15	12.5	6.5	12.0	17.0	10.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A184□F()	0.18	12.5	7.0	12.5	17.5	10.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A224□F()	0.22	12.5	7.5	13.4	18.4	10.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A274□F()	0.27	18.5	6.3	12.0	17.0	15.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A334□F()	0.33	18.5	6.9	12.5	17.5	15.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A394□F()	0.39	18.5	7.4	13.0	18.0	15.0	10.0	10.0	10.0	1.0	0.60			
ECQE1A474□F()	0.47	18.5	7.5	15.3	20.3	15.0	10.0	10.0	10.0	1.0	0.60			

* * Capacitance value over 0.47 μF to 2.2 μF is available. Please consult us.

Style N, Style D: 0.010 μF to 0.22 μF
Style T, Style B: 0.27 μF to 0.47 μF

● Rated voltage : 250 VAC, Capacitance tolerance : ±5 % (J), ±10 % (K), ±20 % (M)

Noise suppression Capacitors (Across-the-line)

Part No.	Cap. (μF)	Dimensions (mm)									Quantity		
		L _{max.}	T _{max.}	H _{max.}		F		S		G _{max.}	ø d	Standard 5 mm	Odd size 7.5 mm
				Type 1	Type 2	Type 1	Type 2	Type 1	Type 2				
ECQE2A103□F()	0.010	12.5	5.5	10.8	15.8	10.0	10.0	10.0	10.0	1.0	0.60	500	1000
ECQE2A123□F()	0.012	12.5	6.0	11.5	16.5	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A153□F()	0.015	12.5	6.3	9.9	14.9	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A183□F()	0.018	12.5	6.0	11.9	16.9	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A223□F()	0.022	12.5	6.0	11.5	16.5	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A273□F()	0.027	12.5	5.5	10.9	15.9	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A333□F()	0.033	12.5	6.0	11.9	16.9	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A393□F()	0.039	12.5	6.0	13.4	18.4	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A473□F()	0.047	12.5	6.5	14.4	19.4	10.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A563□F()	0.056	18.5	5.4	10.5	15.5	15.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A683□F()	0.068	18.5	5.8	11.0	16.0	15.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A823□F()	0.082	18.5	6.3	12.0	17.0	15.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A104□F()	0.10	18.5	6.3	14.0	19.0	15.0	10.0	10.0	10.0	1.0	0.60		
ECQE2A124□F()	0.12	18.5	6.8	14.5	19.5	15.0	10.0	10.0	10.0	1.0	0.80		
ECQE2A154□F()	0.15	18.5	7.5	15.4	20.4	15.0	10.0	10.0	10.0	1.0	0.80		
ECQE2A184□F()	0.18	18.5	8.0	16.0	21.0	15.0	10.0	10.0	10.0	1.0	0.80		
ECQE2A224□F()	0.22	18.5	9.0	16.9	21.9	15.0	10.0	10.0	10.0	1.0	0.80		
ECQE2A274□F()	0.27	26.0	7.0	16.5	21.5	22.5	15.0	10.0	10.0	1.0	0.80		
ECQE2A334□F()	0.33	26.0	7.8	17.0	22.0	22.5	15.0	10.0	10.0	1.0	0.80		
ECQE2A394□F()	0.39	26.0	8.5	17.9	22.9	22.5	15.0	10.0	10.0	1.0	0.80		
ECQE2A474□F()	0.47	26.0	9.3	18.5	23.5	22.5	15.0	10.0	10.0	1.0	0.80		

↑ Suffix for lead crimped or taped type.

— Cap. tol. code

Style D: 0.010 μF to 0.047 μF
Style B: 0.056 μF to 0.47 μF

* * Capacitance value over 0.47 μF to 2.2 μF is available. Please consult us.

* When using these capacitors as a across-the-line capacitor it shall be required to follow either item 1. or item 2. condition.

1. Capacitor shall be connected in parallel with varistor (Specified varistor voltage in table 1.)

2. Voltage applied for capacitor shall not exceed other than specified in table 1, when using these capacitors.

Table 1

Cap. Rated Voltage	Varistor voltage	Pulse voltage
125 VAC	250 V	250 V _{0-P}
250 VAC	470 V	630 V _{0-P}