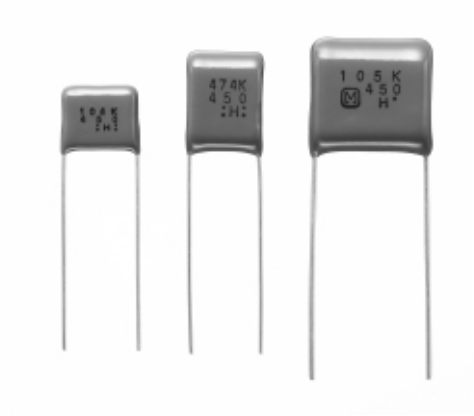
Metallized Polyester Film Capacitor

Type: ECQE(H)

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



■Features
- ●Smaller size
- ●Self-healing property
- ●Excellent electrical characteristics
- ●Flame retardant epoxy resin coating
- ●RoHS directive compliant

■Recommended Applications
- ●Active filter circuit

■Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	C	Q	E	2	W					H	
Product code		Dielectric & construction		Rated voltage		Capacitance			Cap. Tol.	Suffix	Suffix

2 W	450 VDC

J	±5 %
K	±10 %

Suffix	Lead Form
Blank	Straight
B	Crimped lead

■Explanation of Part Number for Odd Size Taping

E	C	Q	E	2	W				R		H
Product code		Dielectric & construction		Rated voltage		Capacitance			Suffix	Cap. Tol.	Suffix

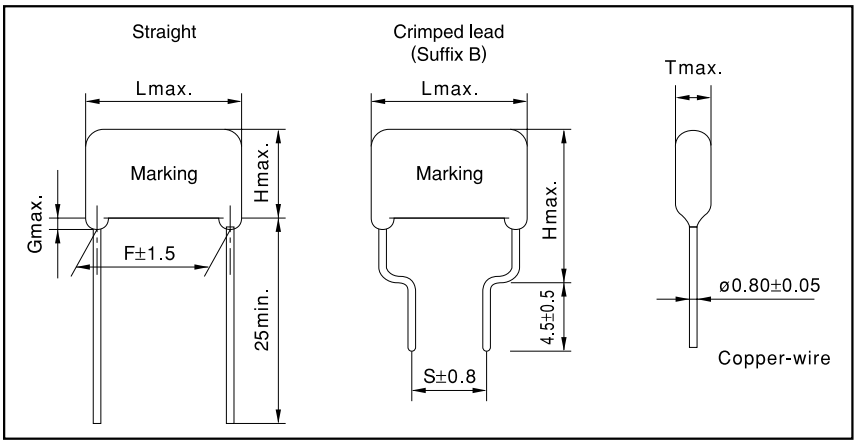
■Specifications

Category temp. range	−40 ℃ to + 105 ℃
Rated voltage	450 VDC (Derating of rated voltage by 1.25%/℃ at more than 85 ℃)
Capacitance range	0.10 μF to 2.2 μF (E6)
Capacitance tolerance	±5 %(J), ±10 %(K)
Dissipation factor (tanδ)	tanδ≦1.0 % (20 ℃, 1 kHz)
Withstand voltage	Between terminals:Rated voltage (VDC) ×150 % 60 s Between terminals to enclosure :Rated voltage (VDC) ×200 % 1 s to 5 s
Insulation resistance (IR)	C≦0.33 μF : IR≧9000 MΩ C>0.33 μF : IR≧3000 MΩ · μF (20 ℃, 100 VDC, 60 s)

❊ Application of this capacitor is limited to active filter circuit after the circuit of all wave rectification.

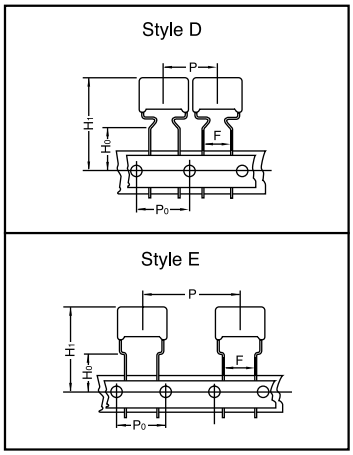
Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.
Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.

■Dimensions in mm (not to scale)



■Taping Specifications for Automatic Insertion

●Taping style



❊Refer to the page of taping specifications.

■Packaging Specifications for Bulk Package

Packing quantity:100 pcs./bag

●Packaging Specifications

Type	Rated volt.	Cap. range (μF)	Taping style						Packing	suffix
			AD	AS	B	C	D	E		
ECQE(H)	450 VDC	0.10 to 0.47					○		Ammo	R( ) H
		0.68 to 1.0						○	Ammo	R( ) H

●Lead Spacing

Style	Lead Spacing
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 : 450 VDC, Capacitance tolerance : ±5 %(J), ±10 %(K)

【Standard type】

Part No.	Cap. (μF)	Dimensions (mm)								Quantity
		L max.	T max.	H max.		F	S	G max.	ød	Ammo 7.5 mm
				Straight	Crimped lead	Straight	Crimped lead	Straight		
ECQE2W104□H( )	0.10	12.7	4.2	10.9	15.9	10.0	5.0	1.0	0.6	1500
ECQE2W154□H( )	0.15	12.7	4.9	11.6	16.6	10.0	5.0	1.0	0.6	1000
ECQE2W224□H( )	0.22	12.7	5.8	12.5	17.5	10.0	5.0	1.0	0.6	1000
ECQE2W334□H( )	0.33	12.7	6.5	14.7	19.7	10.0	5.0	1.0	0.6	900
ECQE2W474□H( )	0.47	12.7	7.7	16.0	21.0	10.0	5.0	1.0	0.6	800
ECQE2W684□H( )	0.68	18.2	6.9	15.3	20.3	15.0	10.0	1.0	0.8	500
ECQE2W105□H( )	1.0	18.2	8.5	16.9	21.9	15.0	10.0	1.0	0.8	400
ECQE2W155□H( )	1.5	25.7	8.2	16.2	21.2	22.5	15.0	1.0	0.8	–
ECQE2W225□H( )	2.2	25.7	9.4	19.7	24.7	22.5	15.0	1.0	0.8	–

Suffix for lead crimped

Capacitance tolerance code

❊Please consult us for low profile type.

【Low Profile type complying with passive flammability category B based on IEC60065】

Part No.	Cap. (μF)	Dimensions (mm)						Quantity
		L max.	T max.	H max.	F	G max.	ød	Ammo 7.5 mm
ECQE2W684L24	0.68	18.2	8.1	13.3	15.0	1.0	0.8	500
ECQE2W105L24	1.0	18.2	9.7	14.9	15.0	1.0	0.8	400
ECQE2W155L02	1.5	25.7	9.4	14.2	22.5	1.0	0.8	–
ECQE2W225L02	2.2	25.7	11.3	16.2	22.5	1.0	0.8	–

❊Please consult us for crimped lead and taping.

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