

Metallized Polyester Film Capacitor

Type: **ECQUY [Class Y]**

In accordance with UL/CSA and European safety regulations class Y

■Features

- Compact
- Overvoltage stress withstanding
- Flame-retardant epoxy resin coating
- RoHS directive compliant

■Recommended Applications

- Interference suppressors

■Explanation of Part Numbers

1

E

Product code

2

C

3

Q

Dielectric & construction

4

U

5

2

Rated voltage

6

A

7

8

Capacitance

9

10

Cap. Tol.

11

Y

Suffix

12

Suffix

K	±10 %
M	±20 %

Suffix	Lead Form
Blank	Straight
B	Crimped lead
Z	Cut lead

■Applicable Standard & Approval Number

UL	UL 1414	Across-The-Line Capacitors Antenna-Coupling and Line-By-Pass Components
CSA	CAN/CSA E60384-14	Class Y3/X2

SEMKO	IEC 60384-14 EN 60384-14	Class Y3/X2
DEMKO		
NEMKO		
FIMKO		
VDE		
SEV		

✱When applying this capacitor to European and American safety standards, please use type designation and rating such as ECO-UY, 0.01 μF”.

✱Approval number (File No.) of safety regulations are subject to revision without notice. Ask factory for a copy of the latest file No.

■Specifications

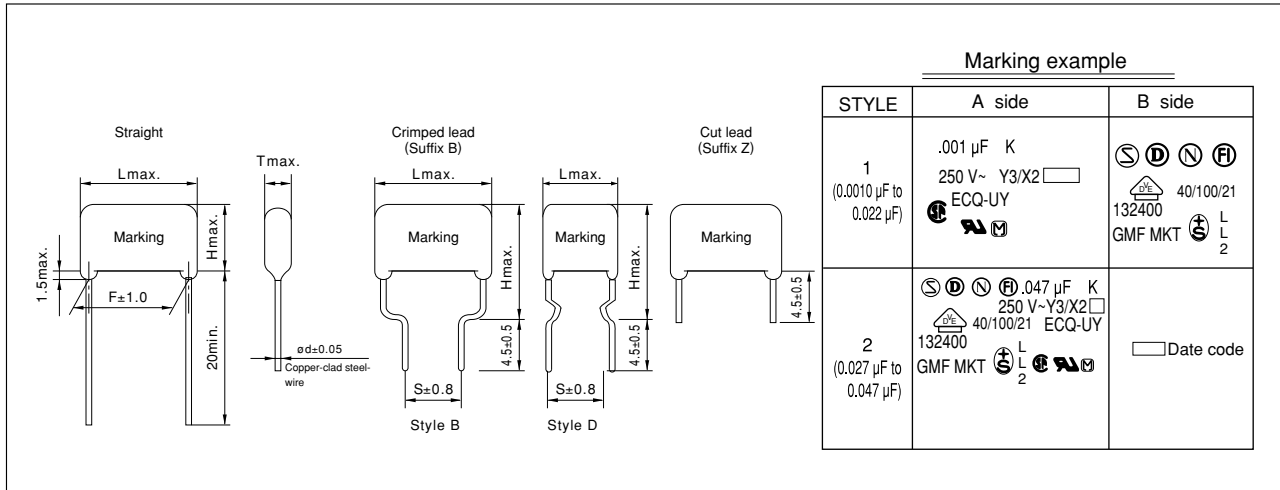
Category temp. range	−40 °C to +100 °C (+85 °C max. on UL spec.)
Rated voltage	250 VAC
Capacitance range	0.0010 μF to 0.047 μF (E12)
Capacitance tolerance	± 10 % (K), ± 20 % (M)
Dissipation factor (tanδ)	tanδ≤1.0 % (20°C, 1kHz)
Withstand voltage	Between terminals : 2000 VAC, 60 s Between terminals to enclosure : 2000 VAC 60 s
Insulation resistance (IR)	IR≥15000 MΩ (20 °C, 100 VDC, 60 s), IR≥2000 MΩ (20 °C, 500 VDC, 60 s)

✱ Use of this capacitor is limited to AC voltage (50 Hz or 60 Hz sine wave).

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.

Interference Suppressor

■ Dimensions in mm (not to scale)



■ Packaging Specifications for Bulk Package

Packing quantity: 100 pcs./bag

■ Rating & Dimensions

● Capacitance tolerance : $\pm 10\%$ (K), $\pm 20\%$ (M)

Part No.	Cap. (μ F)	Dimensions (mm)						ϕd
		Lmax.	Tmax.	H ^{max.}		F	S	
				Straight	Crimped lead	Straight	Crimped lead	
ECQU2A102 □Y()	0.0010	12.0	6.0	11.5	16.5	10.0	7.5	0.60
ECQU2A122 □Y()	0.0012	12.0	6.0	11.5	16.5	10.0	7.5	0.60
ECQU2A152 □Y()	0.0015	12.0	6.5	11.5	16.5	10.0	7.5	0.60
ECQU2A182 □Y()	0.0018	12.0	6.5	11.5	16.5	10.0	7.5	0.60
ECQU2A222 □Y()	0.0022	12.0	6.5	11.5	16.5	10.0	7.5	0.60
ECQU2A272 □Y()	0.0027	12.0	6.5	11.5	16.5	10.0	7.5	0.60
ECQU2A332 □Y()	0.0033	12.0	7.0	12.0	17.0	10.0	7.5	0.60
ECQU2A392 □Y()	0.0039	12.0	7.0	12.5	17.5	10.0	7.5	0.60
ECQU2A472 □Y()	0.0047	12.0	7.5	13.5	18.5	10.0	7.5	0.60
ECQU2A562 □Y()	0.0056	12.0	8.5	14.0	19.0	10.0	7.5	0.60
ECQU2A682 □Y()	0.0068	18.5	7.5	13.0	18.0	15.0	7.5	0.80
ECQU2A822 □Y()	0.0082	18.5	7.5	13.5	18.5	15.0	7.5	0.80
ECQU2A103 □Y()	0.010	18.5	7.5	15.0	20.0	15.0	7.5	0.80
ECQU2A123 □Y()	0.012	18.5	8.5	15.5	20.5	15.0	7.5	0.80
ECQU2A153 □Y()	0.015	18.5	9.0	16.5	21.5	15.0	7.5	0.80
ECQU2A183 □Y()	0.018	18.5	10.0	17.5	22.5	15.0	7.5	0.80
ECQU2A223 □Y()	0.022	18.5	11.0	18.0	23.0	15.0	7.5	0.80
ECQU2A273 □Y()	0.027	23.5	9.5	16.5	21.5	20.0	15.0	0.80
ECQU2A333 □Y()	0.033	23.5	10.0	17.5	22.5	20.0	15.0	0.80
ECQU2A393 □Y()	0.039	23.5	11.0	18.5	23.5	20.0	15.0	0.80
ECQU2A473 □Y()	0.047	23.5	12.0	20.0	25.0	20.0	15.0	0.80

Suffix for lead crimped
 Cap. tol. code

Style D: 0.0010 μ F to 0.0056 μ F
 Style B: 0.0068 μ F to 0.047 μ F