

Interference Suppression Capacitor Metallized Polyester

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

■Recommended Applications

- Interference suppressors

■Explanation of Part Numbers

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

K	±10%	Blank	Type1	Straight
M	±20%	B	Type2	Crimped lead

■Applicable Standard & Approval Number

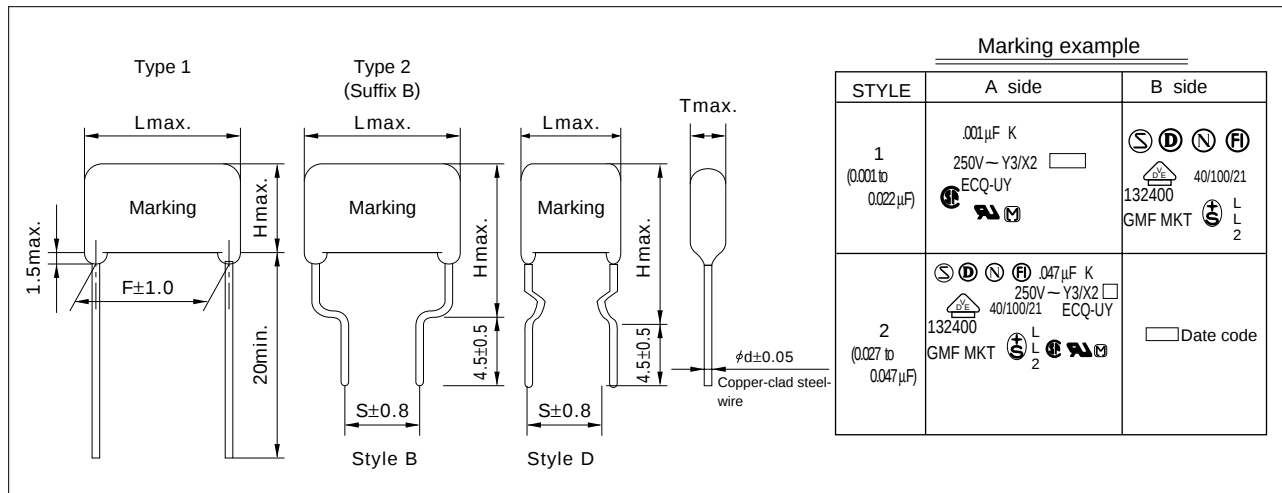
	Applicable Standard		Approval No.
UL	UL 1414		E62674
CSA	C22. 2, No.1		LR35752
SEMKO	IEC 60384-14 EN 132400	Class Y3/X2	9542177 01
DEMKO			304895
NEMKO			P95104262
FIMKO			187543-01
VDE			4811. 6-4670-7096
SEV			95,7 70848, 01

※ When applying for the agency, please apply with not part cord but type designation and rating such as "ECQ-UY,0.01 μF".

■Specifications

Category temp. range	−40 to + 100°C(+ 85°C max.on UL/CSA spec.)
Rated voltage	250VAC
Capacitance range	0.001 to 0.047 μF(E12)
Capacitance tolerance	± 10%(K), ± 20%(M)
Dissipation factor	1.0%max.(20°C, 1kHz)
Withstand voltage	Between terminals : 2000 VDC 60s Between terminals to enclosure : 2000 VAC 60s
Insulation resistance	15000MΩ min.(20°C 100 VDC 60s), 2000MΩ min.(20°C 500 VDC 60s)

■Dimensions in mm (not to scale)



■Packaging Specifications for Bulk Package

Packing quantity: 100 pcs./bag

■Rating & Dimensions

● Capacitance tolerance : ±10%(K), ±20%(M)

Part No.	Cap. (μF)	Dimensions (mm)						ød
		Lmax.	Tmax.	H ^{max.}		F	S	
				Type 1	Type 2	Type 1	Type 2	
ECQU2A102 □Y()	0.001	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()	0.01	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 : Crimped lead
 Cap. tol.code

StyleD:0.001 to 0.0056 μF
 StyleB:0.0068 to 0.047 μF