

Interference Suppression Capacitor
Metallized Polyester

Type: **ECQUG[Class X1]**

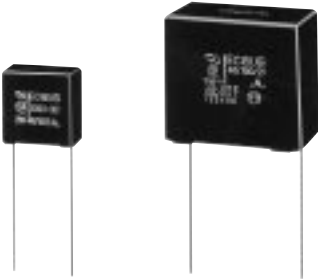
In accordance with UL/CSA and European safety regulation class X1

■Feature

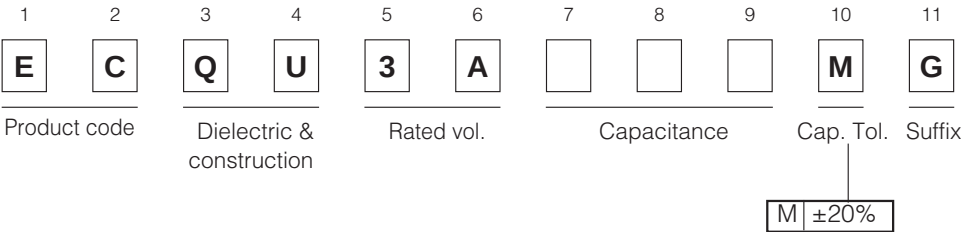
- Equipped with a safety mechanism
- Flame-retardant plastic case and non-combustible resin

■Recommended Applications

- Interference suppressors



■Explanation of Part Numbers



■Applicable Standard

UL	UL 1414	Across-The-Line Capacitors Antenna-Coupling and Line-By-Pass Components
CSA	CSA C22.2 No.1-94	Across-the-line capacitors Antenna-Isolation and line-by-pass capacitors

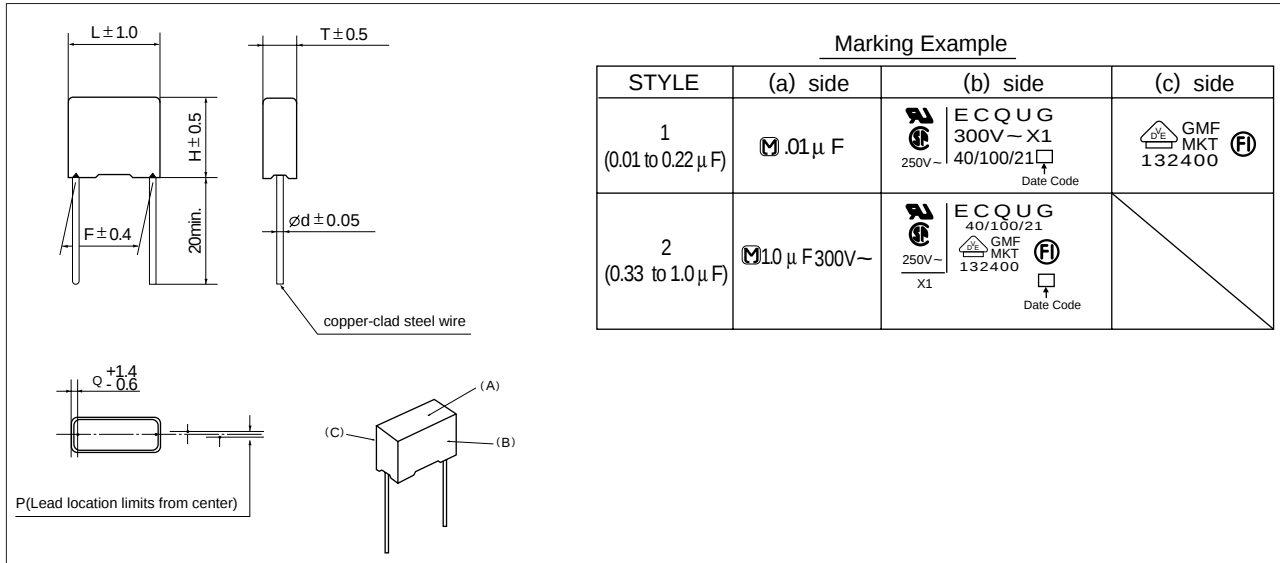
SEMKO	IEC 60384-14 EN 132400	Class X1
DEMKO		
NEMKO		
FIMKO		
VDE		
SEV		

- * When applying for agency, please apply with not part code but type designation and rating such as ECQUG, 0.1μF.
- * Approval number (File No.) of safety regulations are subject to revise without notice. Ask factory for a copy of the latest file No.
- * European standards marking are VDE and FIMKO only.

■Specifications

Category temp. range	– 40 to + 100°C (85°Cmax. on UL/CSA spec.)
Rated voltage	300VAC (IEC384-14), 250VAC (UL, CSA)
Capacitance range	0.01 to 1.0 μF
Capacitance tolerance	±20%(M)
Dissipation factor	1.0%max. (20°C 1kHz)
Withstand voltage	Between terminals : 575VAC,1768VDC 60s Between terminals to enclosure : 2100VAC 60s
Insulation resistance	C≤0.33 μF : 15000MΩmin.(20°C 100VDC 60s) C>0.33 μF : 5000 MΩ · μF min.(20°C 100VDC 60s) 2000MΩ min. (20°C 500VDC 60s)

■Dimensions in mm (not to scale)



■Rating & Dimensions

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

Part No.	Cap. (μ F)	Dimensions (mm)						
		L	T	H	F	ϕd	P	Q
ECQU3A103MG	0.01	15.0	5.0	11.5	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A153MG	0.015	15.0	5.0	11.5	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A223MG	0.022	15.0	5.0	11.5	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A333MG	0.033	15.0	6.0	13.0	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A473MG	0.047	15.0	6.0	13.0	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A683MG	0.068	15.0	8.0	15.0	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A104MG	0.1	15.0	8.0	15.0	12.5	0.60	0 $\pm$ 0.5	1.3
ECQU3A154MG	0.15	18.0	8.0	16.5	15.0	0.80	0 $\pm$ 0.5	1.3
ECQU3A224MG	0.22	18.0	9.0	17.5	15.0	0.80	0 $\pm$ 0.5	1.3
ECQU3A334MG	0.33	26.0	9.0	18.5	22.5	0.80	0 $\pm$ 0.5	1.5
ECQU3A474MG	0.47	26.0	10.5	20.0	22.5	0.80	0 $\pm$ 0.75	1.5
ECQU3A684MG	0.68	26.0	12.5	22.0	22.5	0.80	0 $\pm$ 0.75	1.5
ECQU3A105MG	1.0	27.0	16.5	25.5	22.5	0.80	0 $\pm$ 0.75	2.2

Cap.tol.code