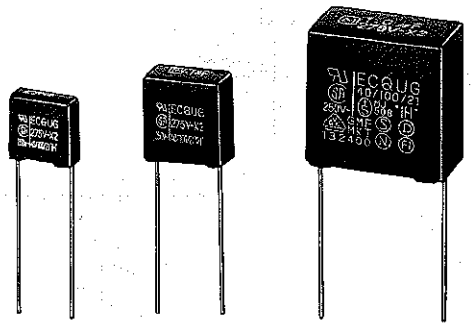
NEW

Interference Suppression Capacitor Metallized Polyester

Type: ECQUG[Class X2]

In accordance with UL/CSA and European safety regulation class X2



■Feature

- Equipped with a safety mechanism
- Compact
- Excellent active and passive and flame resistant properties

■Recommended Applications

- Interferance suppressors

■Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11
E	C	Q	U	2	A	1	0	4		G
Product code		Dielectric & construction		Rated vol.		Nominal capacitance			Cap. Tol.	Suffix

■Applicable Standard & Applicabl Number

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 384-14,1993 EN 132400	Class X2	※
DEMKO			
NEMKO			
FIMKO			
VDE			
SEV			

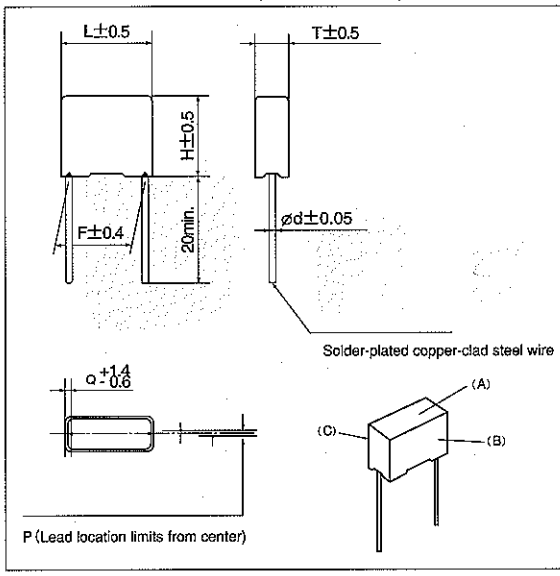
*When applying for agency, please apply with not part code but type designation and rating such as ECQUG, 0.1μF.

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

■Specifications

Refarence standard	UL, CSA, SEMKO, DEMKO, NEMKO, FIMKO, VDE, SEV
Operating temp. range	−40 to +100℃ (85℃ max. on UL/CSA spec.)
Rated voltage	275VAC (IEC384-14), 250VAC (UL, CSA)
Capacitance range	0.01 to 1.0μF (E6)
Capacitance tolerance	±10% (K), ±20%(M)
Dissipation factor	1.0%max. (20℃ 1kHz)
Withstand voltage	Between terminals : 575VAC,1768VDC 60s Between terminals to enclosure : 2050VAC 60s
Insulation resistance	C≦0.33μF : 15000MΩmin. C>0.33μF : 5000 MΩ・μFmin. (20 ℃ 100VDC 60s) 2000MΩ min. (20℃ 500VDC 60s)

■Dimensions in mm (not to scale)



Marking Example

STYLE	(A) side	(B) side	(C) side
1 (0.01 to 0.22μF)	Ⓜ .01 μF K	ECQUG 275V~X2 250V~ 40/100/21 Date Code	GMF MKT 132400 Ⓢ Ⓓ MJ 508 Ⓝ Ⓕ
2 (0.33 to 1.0μF)	Ⓜ 1.0 μF K 275V~ X2	ECQUG 40/100/21 250V~ MJ 508 GMF MKT 132400 Ⓢ Ⓓ Ⓝ Ⓕ Date Code	

Note : only ±10% as cap. tol. be marked as "K".

■Rating & Dimensions

Part No.	Cap. (μF)	Dimensions (mm)						
		L±0.5	T±0.5	H±0.5	F	φd	P	Q±1.4/0.6
ECQU2A103□G	0.01	12.5	5.0	11.5	10.0	0.60	0±0.5	1.3
ECQU2A153□G	0.015	12.5	5.0	11.5	10.0	0.60	0±0.5	1.3
ECQU2A223□G	0.022	12.5	6.0	12.5	10.0	0.60	0±0.5	1.3
ECQU2A333□G	0.033	15.0	6.0	13.0	12.5	0.60	0±0.5	1.3
ECQU2A473□G	0.047	15.0	6.0	13.0	12.5	0.60	0±0.5	1.3
ECQU2A683□G	0.068	15.0	8.0	15.0	12.5	0.60	0±0.5	1.3
ECQU2A104□G	0.1	15.0	8.0	15.0	12.5	0.60	0±0.5	1.3
ECQU2A154□G	0.15	17.5	8.0	16.5	15.0	0.80	0±0.5	1.3
ECQU2A224□G	0.22	17.5	9.0	17.5	15.0	0.80	0±0.5	1.3
ECQU2A334□G	0.33	25.5	9.0	18.5	22.5	0.80	0±0.5	1.5
ECQU2A474□G	0.47	25.5	10.5	20.0	22.5	0.80	0±0.75	1.5
ECQU2A684□G	0.68	25.5	12.5	22.0	22.5	0.80	0±0.75	1.5
ECQU2A105□G	1.0	25.5	15.5	24.5	22.5	0.80	0±0.75	1.5

Cap.tol.code (K, M)