

Interference Suppression Capacitor Metallized Polyester/Polypropylene

Type: **ECQUN [Class X2]**

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



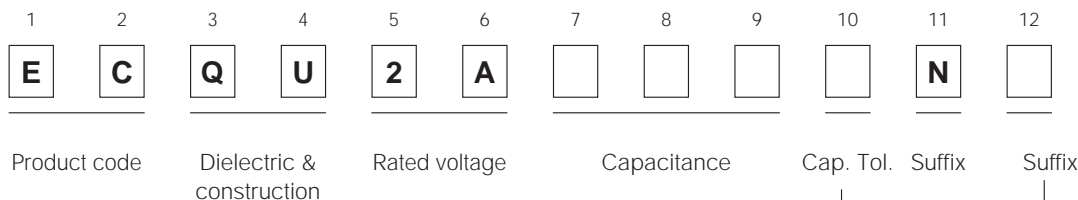
■ Features

- ◆ Compact
- ◆ Overvoltage stress withstanding
- ◆ Flame-retardant epoxy resin coating

■ Recommended Applications

- ◆ Interference suppressors

■ Explanation of Part Numbers



K	±10%
M	±20%

Blank	Type1	Straight
B	Type2	Crimped lead

■ Applicable Standard & Approval Number

UL	UL 1414	Across-The-Line Capacitors Antenna-Coupling and Line-By-Pass Components	File No. E62674
CSA	CSA C22.2 No.0, No.1	Across-the-line, antenna-isolation and line-by-pass capacitor	File No. LR35752
SEMKO	IEC 384-14, 1993 EN 132400	Class X2	Reg.No. 9542169 01
DEMKO			Ref.No. 304890
NEMKO			Ref.No. P95104265
FIMKO			Reg.No. 187541-01
VDE			File No. 4811. 6-4670-7092
SEV			Ref.No. 95,6 60092,01

※ When applying for the agency, please apply with not part cord but type designation and rating such as "ECQUN,0.1 μF".

■ Specifications

Category temp. range	-40 to +85°C
Rated voltage	250VAC
Capacitance range	0.001 to 0.02 μF (E12)
Capacitance tolerance	± 10%(K), ± 20%(M)
Dissipation factor	1.0%max.(20°C, 1kHz)
Withstand voltage	Between terminals : 1250 VAC 60s, 1075 VDC 60s Between terminals to enclosure : 2000 VAC 60s
Insulation resistance	15000MΩ min.(20°C 100VDC 60s), 2000MΩ min.(20°C 500VDC 60s)

■Dimensions in mm (not to scale)

Marking example

STYLE	A side	B side
1 (0.001 to 0.039µF)	 .001µF K 40/085/21 250V- X2 ECQ-UN 	 LL2 GPF MKT 132400
2 (0.047 to 0.82µF)	 .047µF K 250V- 40/085/21 X2 ECQ-UN 	 LL2 GPF MKT 132400
3 (0.1 to 0.22µF)	 LL2 GPF MKT .1µF K 40/085/21 250V- X2 ECQ-UN 	 Date code

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

■Packaging Specifications for Bulk Package

Packing quantity: 100 pcs./bag

■Rating & Dimensions

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

Part No.	Cap. (µF)	Dimensions (mm)							
		L _{max}	T _{max}	H _{max}		F	S	G _{max}	ød
				Type-1	Type-2				
ECQU2A102 N()	0.001	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A122 N()	0.0012	17.0	7.0	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A152 N()	0.0015	17.0	7.0	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A182 N()	0.0018	17.0	7.0	14.0	19.0	13.50	10.0	1.5	0.60
ECQU2A222 N()	0.0022	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A272 N()	0.0027	17.0	7.0	14.0	19.0	13.50	10.0	1.5	0.60
ECQU2A332 N()	0.0033	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A392 N()	0.0039	17.0	7.0	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A472 N()	0.0047	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A562 N()	0.0056	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A682 N()	0.0068	17.0	7.0	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A822 N()	0.0082	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A103 N()	0.01	17.0	7.0	14.0	19.0	13.50	10.0	1.5	0.60
ECQU2A123 N()	0.012	17.0	6.5	13.5	18.5	13.50	10.0	1.5	0.60
ECQU2A153 N()	0.015	17.0	7.0	14.0	19.0	13.50	10.0	1.5	0.60
ECQU2A183 N()	0.018	19.0	6.5	13.5	18.5	15.50	12.5	1.5	0.60
ECQU2A223 N()	0.022	19.0	7.0	14.0	19.0	15.50	12.5	1.5	0.60
ECQU2A273 N()	0.027	19.0	7.5	15.0	20.0	15.50	12.5	1.5	0.60
ECQU2A333 N()	0.033	19.0	8.0	15.5	20.5	15.50	12.5	1.5	0.60
ECQU2A393 N()	0.039	25.5	6.5	13.5	18.5	21.50	17.5	1.5	0.60
ECQU2A473 N()	0.047	25.5	7.0	14.0	19.0	21.50	17.5	1.5	0.60
ECQU2A563 N()	0.056	25.5	7.5	15.0	20.0	21.50	17.5	1.5	0.60
ECQU2A683 N()	0.068	25.5	8.5	15.5	20.5	21.50	17.5	1.5	0.60
ECQU2A823 N()	0.082	25.5	9.0	16.5	21.5	21.50	17.5	1.5	0.80
ECQU2A104 N()	0.1	30.5	7.5	17.0	22.0	26.50	22.5	1.5	0.80
ECQU2A124 N()	0.12	30.5	9.0	17.5	22.5	26.50	22.5	1.5	0.80
ECQU2A154 N()	0.15	30.5	10.0	18.5	23.5	26.50	22.5	1.5	0.80
ECQU2A184 N()	0.18	30.5	11.0	19.0	24.0	26.50	22.5	1.5	0.80
ECQU2A224 N()	0.22	30.5	12.0	20.0	25.0	26.50	22.5	1.5	0.80

Suffix for lead crimped or taped type
 Cap. tol. code