

Spark Quenching Capacitor (RC-Network) Metallized Polyester

Type: **ECQJX [Class X]**

Type: **ECQJY [Class Y]**

In accordance with UL/CSA and European safety regulations class X2 and Y3

■ Features

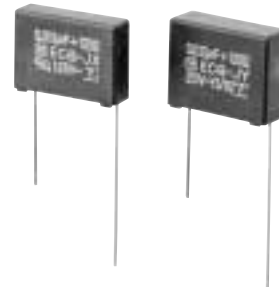
- ◆ Compact
- ◆ Overvoltage stress withstanding
- ◆ Flame-retardant plastic case and non-combustible resin

■ Recommended Applications

- ◆ Interference suppressors

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
E	C	Q	J					
Product code	Dielectric & construction			Design code				Suffix



■ Applicable Standard & Approval Number

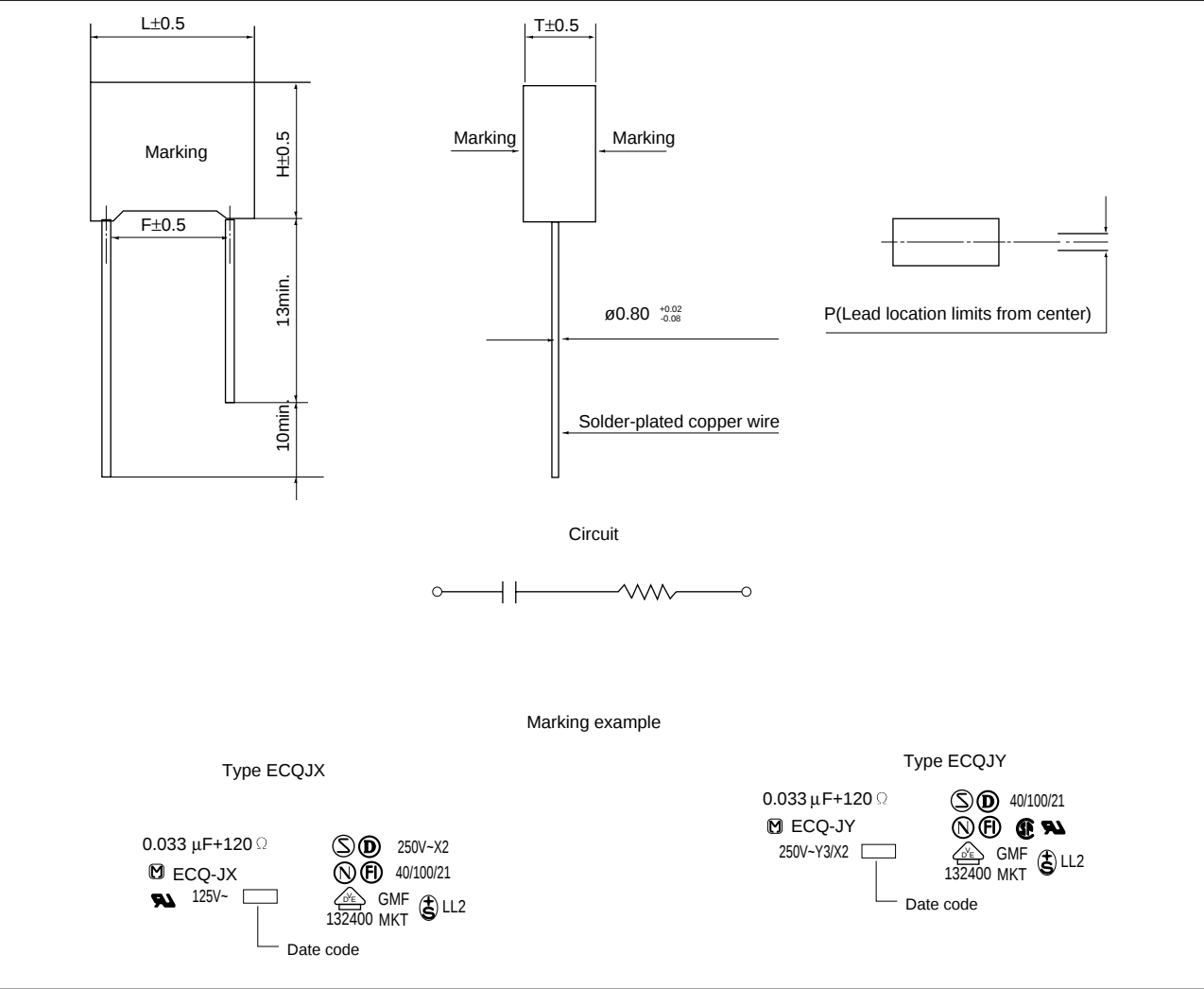
UL	UL 1414	1) Across-The-Line Capacitors 2) Antenna-Coupling and Line-By-Pass Components	Type ECQJX/ECQJY	File No.E62674
CSA	CSA C22.2 NO.0, NO.1	Across-the-line, antenna-isolation and line-by-pass capacitor	Type ECQJY	File No.LR35752
		Type ECQJX (Class X2)	Type ECQJY (Class Y3/X2)	
SEMKO	IEC 384-14,1993 EN 132400	9542174 01	9542175 01	
DEMKO		304893	304894	
NEMKO		P95104263	P95104264	
FIMKO		187539-01	187542-01	
VDE		4811.6-4670-7104	4811.6-4670-7106	
SEV		95,7 70956,01	95,7 70956,02	

※When applying for the agency, please apply with not part cord but type designation and rating such as “ECQ-JX, 0.1 μ F + 120 Ω ”

■ Specifications

	Type ECQJX	Type ECQJY
Category temp. range	-40 to +100°C(+85°C max. on UL/CSA spec.)	
Rated voltage	125VAC(UL)/250VAC	250VAC
Capacitance & Resistance	0.033 μ F + 120 Ω /0.1 μ F + 120 Ω	0.033 μ F + 120 Ω
Capacitance tolerance	$\pm$ 20%(M)	
Withstand voltage	Between terminals to enclosure : 2000VAC 60s	
	Between terminals : 1075VDC/1250VAC 60s	Between terminals : 1075VDC/1500VAC 60s
Insulation resistance	Between terminals to enclosure:30000 M Ω min.(20°C 100VDC 60s)	
	Between terminals : 15000M Ω min.(20°C 100VDC 60s), : 2000M Ω min.(20°C 500VDC 60s)	

■Dimensions in mm(not to scale)



■Rating & Dimensions

Part No.	Rated voltage (VAC)	Capacitance (μ F)	Resistance (Ω)	Dimension (mm)				
				L	T	H	F	P
ECQJ0187X	125/250	0.033	120	20.5	5.5	15.0	16.5	0 $\pm$ 0.5
ECQJ0186X	125/250	0.1	120	20.5	9.0	17.5	16.5	0 $\pm$ 0.5
ECQJ0187Y	250	0.033	120	20.5	7.5	16.0	16.5	0 $\pm$ 0.5