

## Spark Quenching Capacitor (RC-Network) Metallized Polyester

Type: **ECQJX [Class X]**

In accordance with UL and European safety regulations  
class X2

### ■Features

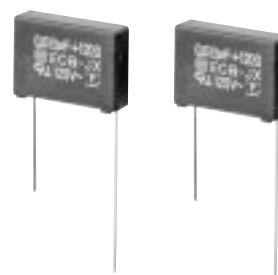
- Compact
- Withstands overvoltage stress
- Flame-retardant plastic case and non-combustible resin

### ■Recommended Applications

- Interference suppressors

### ■Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
<b>E</b>	<b>C</b>	<b>Q</b>	<b>J</b>					
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	File No.E62674
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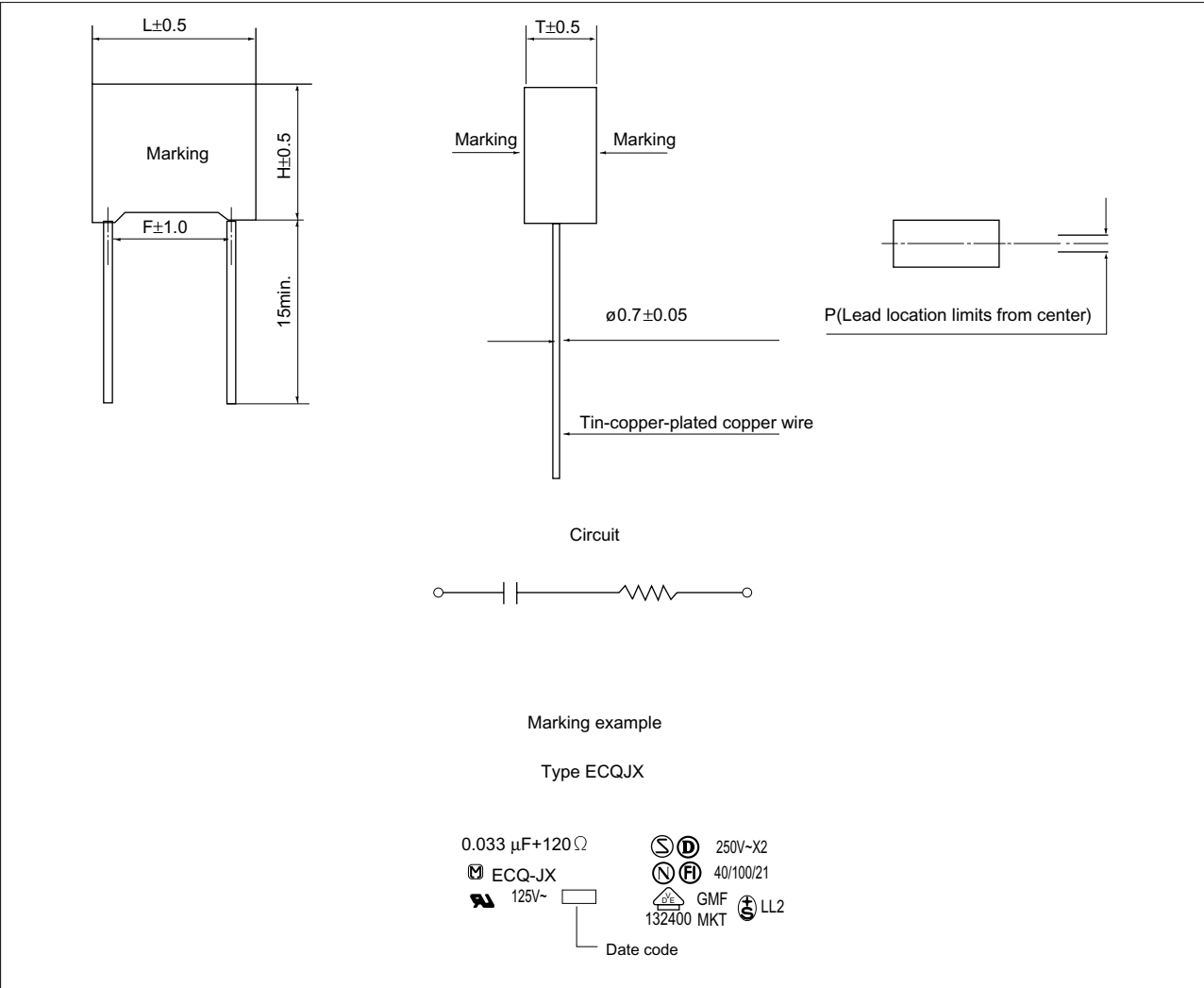
		Type ECQJX (Class X2)
SEMKO	IEC 60384-14, 1993 EN 132400	9542174 01
DEMKO		304893
NEMKO		P95104263
FIMKO		187539-01
VDE		4811.6-4670-7104
SEV		95,7 70956,01

\* When applying this capacitor to European and American safety standards, please use type designation and rating such as ECQ-JX, 0.1  $\mu$ F + 120 $\Omega$ .

### ■Specifications

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

## ■Dimensions in mm(not to scale)



## ■Rating & Dimensions

Part No.	Rated voltage (VAC)	Capacitance ( $\mu\text{F}$ )	Resistance ( $\Omega$ )	Dimensions (mm)				
				L	T	H	F	P
ECQJ0187XB	125/250	0.033	120	20.5	5.5	15.0	16.5	$0 \pm 0.5$
ECQJ0186XB	125/250	0.1	120	20.5	9.0	17.5	16.5	$0 \pm 0.5$