

C0402C473K3RECTU

Aliases (C0402C473K3REC7867)

ESD SMD Comm X7R, Ceramic, 0.047 uF, 10%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0402



Click here for the 3D model.

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

Packaging Specifications

Packaging Packaging Quantity T&R, 180mm, Paper Tape 10000

General Information	
Series	ESD SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	1.21 mg
Shelf Life	78 Weeks
MSL	1

Specifications		
Capacitance	0.047 uF	
Measurement Condition	1 kHz 1.0Vrms	
Capacitance Tolerance	10%	
Voltage DC	25 VDC	
ESD Level per AEC-Q200	12,000 V ESD Level	
Dielectric Withstanding Voltage	62.5 VDC	
Temperature Range	-55/+125°C	
Temperature Coefficient	X7R	
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms	
Dissipation Factor	3.5%1 kHz 1.0Vrms	
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours	
Insulation Resistance	10 GOhms	

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