

C0603X153J5REC7411

ESD SMD Comm X7R, Ceramic, 0.015 uF, 5%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0603



Click here for the 3D model.

Chip Size 0603   L 1.6mm +/-0.17mm   W 0.8mm +/-0.15mm   T 0.8mm +/-0.15mm	
W 0.8mm +/-0.15mm	
T 0.8mm +/-0.15mm	
S 0.58mm MIN	
B 0.45mm +/-0.15mm	1

Packaging Specifications	
Packaging	T&R, 330mm, Paper Tape
Packaging Quantity	15000

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	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	7.3 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.015 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	50 VDC
ESD Level per AEC-Q200	16,000 V ESD Level
Dielectric Withstanding Voltage	125 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	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	66.6667 GOhms

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