

C0805X103JAREC7210

ESD SMD Comm X7R, Ceramic, 0.01 uF, 5%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0805



Click here for the 3D model.

0805
2mm +/-0.3mm
1.25mm +/-0.3mm
0.78mm +/-0.20mm
0.75mm MIN
0.5mm +/-0.25mm

Packaging Specifications Packaging T&R, 330mm, Plastic Tape Packaging Quantity 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	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	250 VDC
ESD Level per AEC-Q200	25,000 V ESD Level
Dielectric Withstanding Voltage	625 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	100 GOhms

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