

C0603X222J5RECAUTO

ESD SMD Auto X7R, Ceramic, 2200 pF, 5%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.58mm MIN
В	0.45mm +/-0.15mm

Packaging Specifications	g Specifications	
Packaging	T&R, 180mm, Paper Tape	
Packaging Quantity	4000	

General Information	
Series	ESD SMD Auto X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features	Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	7.3 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	2200 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	50 VDC
ESD Level per AEC-Q200	25,000 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% 1 kHz 1.0 Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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