

SMD Comm X5R, Ceramic, 1 uF, 10%, 50 VDC, X5R, SMD, MLCC, Temperature Stable, Automotive Grade, 1210



Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.55mm +/-0.15mm
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2000

General Information	
Series:	SMD Comm X5R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 1000 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Dissipation Factor:	10% 1kHz 25C
Aging Rate:	5% Loss/Decade Hour
Insulation Resistance:	100 MOhms

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