

SMD Comm X5R, Ceramic, 0.1 uF, 10%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Automotive Grade, 0402



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

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

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 48 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Dissipation Factor:	5% 1kHz 25C
Aging Rate:	5% Loss/Decade Hour
Insulation Resistance:	5 GOhms

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