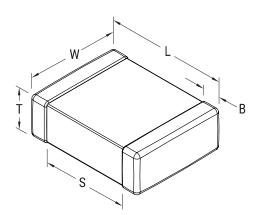


SMD Auto X7R FF, Ceramic, 1000 pF, 10%, 50 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, Automotive Grade, 0603



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	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information	
Series:	SMD Auto X7R FF
Style:	SMD Chip
Description:	SMD, MLCC, FF-CAP, Floating Electrode, Automotive Grade
Features:	FF-CAP, Floating Electrode, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	7300 ug
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1000 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
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 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	100 GOhms

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