

C1210C101K1RACAUTO SMD Auto X7R, Ceramic, 100 pF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1210



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Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	0.78mm +/-0.10mm
В	0.5mm +/-0.25mm

Packaging Specifications	ckaging Specifications	
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	4000	
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General Information	
Series	SMD Auto X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Automotive Grade
Features	Temperature Stable, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	40 mg
Shelf Life	78 Weeks
MSL	1

Specifications			
Capacitance	100 pF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	100 VDC		
Dielectric Withstanding Voltage	250 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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