

C1210C101GCGACAUTO

SMD Auto COG HV, Ceramic, 100 pF, 2%, 500 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1210



Click here for the 3D model.

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	1.7mm +/-0.20mm
В	0.5mm +/-0.25mm

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

General Information	
Series	SMD Auto COG HV
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	70 mg
Shelf Life	78 Weeks
MSL	1

Specifications			
Capacitance	100 pF		
Measurement Condition	1 MHz 1.0Vrms		
Capacitance Tolerance	2%		
Voltage DC	500 VDC		
Dielectric Withstanding Voltage	750 VDC		
Temperature Range	-55/+125°C		
Temperature Coefficient	COG		
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms		
Dissipation Factor	0.1% 1 MHz 1.0Vrms		
Aging Rate	0% Loss/Decade Hour		
Insulation Resistance	100 GOhms		

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