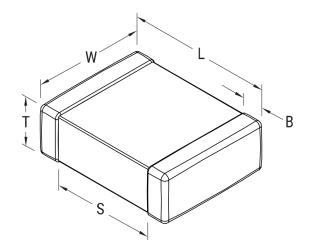


C1812C103J2GACAUTO

SMD Auto COG, Ceramic, 0.01 uF, 5%, 200 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1812



Click here for the 3D model.

Dimensions	
Chip Size 1812	
L 4.5mm +/-0.3mm	
W 3.2mm +/-0.3mm	
T 1mm +/-0.10mm	
S 2.3mm MIN	
B 0.6mm +/-0.35mm	

## Packaging Specifications

Packaging Packaging Quantity T&R, 180mm, Plastic Tape 1000

General Information	
Series	SMD Auto COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	false
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	67 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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