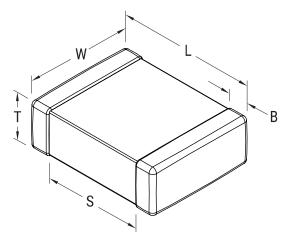


C1808C101KDGACAUTO

SMD Auto COG HV, Ceramic, 100 pF, 10%, 1,000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1808, 2.9 mm



Click here for the 3D model.

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
Typical Component Weight	81 mg
Shelf Life	78 Weeks
MSL	1

1808
4.7mm +/-0.5mm
2mm +/-0.2mm
1.6mm +/-0.15mm
2.9mm MIN
0.6mm +/-0.35mm

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

Specifications	
Capacitance	100 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 VDC
Temperature Range	-55/+125°C
Temp. 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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