

C1808C511FGGACAUTO

SMD Auto C0G HV, Ceramic, 510 pF, 1%, 2000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1808



Click [here](#) for the 3D model.

Dimensions

Chip Size 1808

L 4.7mm +/-0.5mm

W 2mm +/-0.2mm

T 1.6mm +/-0.15mm

Dimensions

B 0.6mm +/-0.35mm

Packaging Specifications

Packaging T&R, 180mm, Plastic Tape

Packaging Quantity 1000

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 81 mg
Shelf Life 78 Weeks
MSL 1

Specifications

Capacitance 510 pF
Measurement Condition 1 MHz 1.0Vrms
Capacitance Tolerance 1%
Voltage DC 2000 VDC
Dielectric Withstanding Voltage 2400 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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