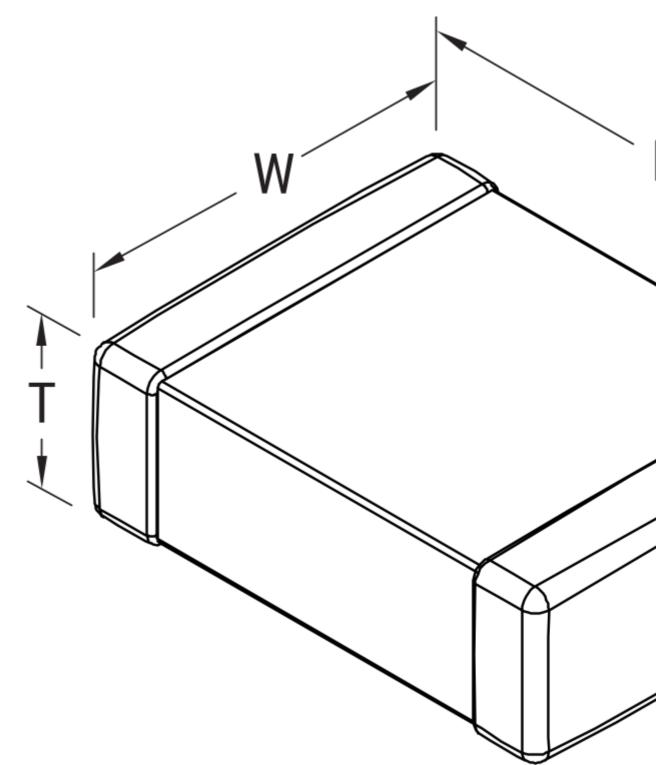
## C1808C511FGGACAUTO

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



Click <u>here</u> 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** 

PackagingT&R, 180mm, Plastic Tape

Packaging Quantity 1000

## **General Information**

SMD Auto COG HV	
SMD Chip	
Description SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade	
Ultra-Stable, Low Loss, Automotive Grade	
Yes	
Tin	
No	
AEC-Q200	
Yes	
t 81 mg	
78 Weeks	
1	
Specifications	
	510 pF
dition	1 MHz 1.0Vrms
ance	1%
	2000 VDC
	SMD Chip SMD, MLCC, Ultra-Stable, Low Loss, High Ultra-Stable, Low Loss, Automotive Grade Yes Tin No AEC-Q200 Yes t 81 mg 78 Weeks 1

Dielectric Withstanding Voltage	2400 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	C0G
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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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