

C1808C181FHGACAUTO

SMD Auto COG HV, Ceramic, 180 pF, 1%, 3000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 1808



Click here for the 3D model.

Chip Size 1808 L 4.7mm +/-0.5mm W 2mm +/-0.2mm T 2mm +/-0.15mm B 0.6mm +/-0.35mm	Dimensions	
W 2mm +/-0.2mm T 2mm +/-0.15mm	Chip Size	1808
T 2mm +/-0.15mm	L	4.7mm +/-0.5mm
•	W	2mm +/-0.2mm
B 0.6mm +/-0.35mm	Т	2mm +/-0.15mm
	В	0.6mm +/-0.35mm

Packaging Specifications	ckaging Specifications	
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	1000	
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	180 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	3000 VDC
Dielectric Withstanding Voltage	3600 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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