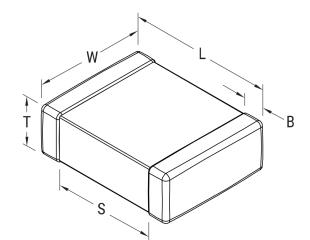


C0805C151JBGACAUTO

SMD Auto COG HV, Ceramic, 150 pF, 5%, 630 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, High Voltage, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805	
6119 5126 6665	
L 2mm +/-0.2mm	
W 1.25mm +/-0.2mm	
T 1.25mm +/-0.15mm	
S 0.75mm MIN	
B 0.5mm +/-0.25mm	

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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	14 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	150 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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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