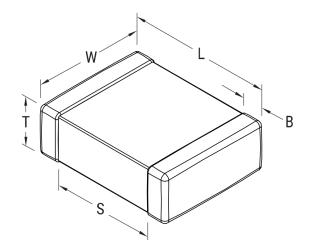


C0805C822J5GACAUTO

SMD Auto COG, Ceramic, 8200 pF, 5%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805 L 2mm +/-0.2mm W 1.25mm +/-0.2mm
•
W 1.25mm +/-0.2mm
T 0.78mm +/-0.10mm
S 0.75mm MIN
B 0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

General Information	
Series	SMD Auto COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	8200 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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