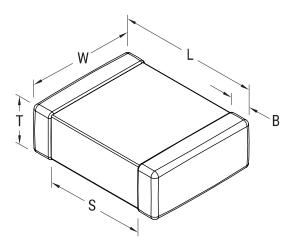


## C0805C822J2GACAUTO

SMD Auto COG, Ceramic, 8,200 pF, 5%, 200 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805, 0.7 mm



Click here for the 3D model.

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
Typical Component Weight	14 mg
Shelf Life	78 Weeks
MSL	1

nsions	
Size 0805	
2mm +/-0.2mm	
1.25mm +/-0.2mm	
1.25mm +/-0.15mm	
0.7mm MIN	
0.5mm +/-0.25mm	
0.7mm MIN	

## **Packaging Specifications**

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

Specifications	
Capacitance	8,200 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temp. 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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