

## C0805C103J1GACAUTO

SMD Auto COG, Ceramic, 0.01 uF, 5%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805



Click here for the 3D model.

Dimensions	,
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.9mm +/-0.10mm
S	0.75mm MIN
В	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	13 mg
Shelf Life	78 Weeks
MSL	1

Specifications	,
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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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