

C0603C100J5GAC3190

SMD Auto COG, Ceramic, 10 pF, 5%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0603



Click here for the 3D model.

Chip Size 0603 L 1.6mm +/-0.15mm W 0.8mm +/-0.15mm T 0.8mm +/-0.07mm S 0.7mm MIN	Dimensions	
W 0.8mm +/-0.15mm T 0.8mm +/-0.07mm S 0.7mm MIN	Chip Size	0603
T 0.8mm +/-0.07mm S 0.7mm MIN	L	1.6mm +/-0.15mm
S 0.7mm MIN	W	0.8mm +/-0.15mm
	Т	0.8mm +/-0.07mm
	S	0.7mm MIN
B 0.35mm +/ -0.15mm	В	0.35mm +/-0.15mm

Packaging Specifications	
Packaging	T&R, 180mm, 2mm Pitch, Paper Tape
Packaging Quantity	8000

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	3.7 mg
Shelf Life	78 Weeks
MSL	1

Specifications	/
Capacitance	10 pF
Measurement Condition	1 MHz 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, 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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