

C0402C112F3GACAUTO

SMD Auto COG, Ceramic, 1100 pF, 1%, 25 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0402



Click here for the 3D model.

Chip Size 0402   L 1mm +/-0.05mm   W 0.5mm +/-0.05mm   T 0.5mm +/-0.05mm   S 0.3mm MIN   B 0.3mm +/-0.1mm	Dimensions	
W 0.5mm +/-0.05mm   T 0.5mm +/-0.05mm   S 0.3mm MIN	Chip Size	0402
T 0.5mm +/-0.05mm   S 0.3mm MIN	L	1mm +/-0.05mm
S 0.3mm MIN	W	0.5mm +/-0.05mm
	Т	0.5mm +/-0.05mm
B 0.3mm +/-0.1mm	S	0.3mm MIN
	В	0.3mm +/-0.1mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

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	1.06 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1100 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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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