

C0805X101K1GACAUTO

SMD Auto COG Flex, Ceramic, 100 pF, 10%, 100 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805 L 2mm +/-0.3mm W 1.25mm +/-0.3mm T 0.78mm +/-0.20mm S 0.75mm MIN B 0.5mm +/-0.25mm	Dimensions	
W 1.25mm +/-0.3mm T 0.78mm +/-0.20mm S 0.75mm MIN	Chip Size	0805
T 0.78mm +/-0.20mm S 0.75mm MIN	L	2mm +/-0.3mm
S 0.75mm MIN	W	1.25mm +/-0.3mm
	Т	0.78mm +/-0.20mm
B 0.5mm +/-0.25mm	S	0.75mm MIN
	В	0.5mm +/-0.25mm

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

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

Specifications	
Capacitance	100 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	10%
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, 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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