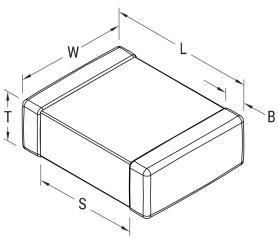


## **C0402C181J1GACAUTO**

SMD Auto COG, Ceramic, 180 pF, 5%, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0402



Click here for the 3D model.

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

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

SMD Auto COG
SMD Chip
SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Ultra-Stable, Low Loss, Automotive Grade
Yes
Tin
No
AEC-Q200
Yes
1.06 mg
78 Weeks
1

Specifications	,
Capacitance	180 pF
Measurement Condition	1 MHz 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, 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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