

C0805C182JAGACAUTO

SMD Auto COG, Ceramic, 1800 pF, 5%, 250 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805 L 2mm +/-0.2mm W 1.25mm +/-0.2mm T 0.78mm +/-0.10mm S 0.75mm MIN B 0.5mm +/-0.25mm	Dimensions	
W 1.25mm +/-0.2mm T 0.78mm +/-0.10mm S 0.75mm MIN	Chip Size	0805
T 0.78mm +/-0.10mm S 0.75mm MIN	L	2mm +/-0.2mm
S 0.75mm MIN	W	1.25mm +/-0.2mm
	Т	0.78mm +/-0.10mm
B 0.5mm +/-0.25mm	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	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1800 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 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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