

SMD Auto COG, Ceramic, 1200 pF, 1%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 1206



**Dimensions**

Chip Size		1206
L		3.2mm +/-0.2mm
W		1.6mm +/-0.2mm
T		0.78mm +/-0.10mm
B		0.5mm +/-0.25mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Plastic 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:	15 mg
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	1200 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	1%
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, 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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