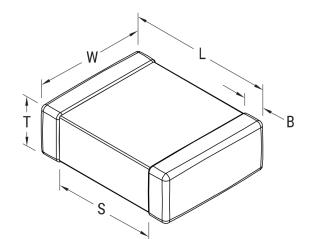


C0805C109C1GACTU

Aliases (C0805C109C1GAC7800)

SMD Comm COG, Ceramic, 1 pF, +/-0.25 pF, 100 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



Click here for the 3D model.

0805
2mm +/-0.2mm
1.25mm +/-0.2mm
0.78mm +/-0.10mm
0.75mm MIN
0.5mm +/-0.25mm

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

General Information	
Series	SMD Comm COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	+/-0.25 pF
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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