

**KEMET Part Number: C0603C109D5GACTU**  
(C0603C109D5GAC7867)

SMD Comm COG, Ceramic, 1 pF, +/-0.5 pF, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0603



**Dimensions**

Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

**Packaging Specifications**

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

**General Information**

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
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts
Chip Size:	0603
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Specifications	
Capacitance:	1 pF, 1MHz 1.0Vrms
Capacitance Tolerance:	+/-0.5 pF
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, 1MHz 1.0Vrms
Dissipation Factor:	0.10% 1MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

单击下面可查看定价，库存，交付和生命周期等信息

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