## KEMET Part Number: C0603C109B5GACTU

(C0603C109B5GAC7867)



## Ceramic, SMD Comm C0G, 1 pF, +/-0.1 pF, 50 V, 0603, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



Style:	SMD Chip
Series:	SMD Comm C0G
Chip Size:	0603
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features:	Ultra-Stable, Low Loss, Class I
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

**General Information** 

Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

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

Specifications		
Capacitance:	1 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.1% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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