## KEMET Part Number: C1206C689D5GACTU

(C1206C689D5GAC7800)



SMD Comm C0G, Ceramic, 6.8 pF, +/-0.5 pF, 50 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



Dimensions		
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	0.78mm +/-0.10mm	
В	0.5mm +/-0.25mm	

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

General Information	
Supplier:	KEMET
Series:	SMD Comm C0G
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
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts
Chip Size:	1206

Specifications		
Capacitance:	6.8 pF	
Capacitance Tolerance:	+/-0.5 pF	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.10% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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