## KEMET Part Number: C0805C689B5GACTU

(C0805C689B5GAC7800)



## SMD Comm C0G, Ceramic, 6.8 pF, +/-0.1 pF, 50 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Paper 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:	0805	

Specifications		
Capacitance:	6.8 pF	
Capacitance Tolerance:	+/-0.1 pF	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.10% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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