## **KEMET Part Number: C0805C101FCGACTU**

(C0805C101FCGAC7800)



SMD Comm C0G HV, Ceramic, 100 pF, 1%, 500 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.15mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information	
Series:	SMD Comm C0G HV
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:	14 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	100 pF	
Measurement Condition:	1 MHz 1.0Vrms	
Capacitance Tolerance:	1%	
Voltage DC:	500 VDC	
Dielectric Withstanding Voltage:	750 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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