## KEMET Part Number: C0805C508C3GACTU

(C0805C508C3GAC7800)



SMD Comm C0G, Ceramic, 0.5 pF, +/-0.25 pF, 25 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



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
Chip Size:	0805

**General Information** 

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	

Specifications	
Capacitance:	0.5 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 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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