

KEMET Part Number: C0805C101KCGACTU
(C0805C101KCGAC7800)

Ceramic, Commercial-(CxxxxC), 100 pF, 10%, 500 V, 0805, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I



General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	0805
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

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

Specifications	
Capacitance:	100 pF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	650 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.1%
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms