

**KEMET Part Number: C0805C102J5GACTU**  
(C0805C102J5GAC7800)

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1000 pF, +/-5% Tol, 50V, COG, 0805 (2012 metric)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	2.00	+/-0.20
W	1.25	+/-0.20
T	0.78	+/-0.10
B	0.50	+/-0.25
S	0.75	MIN

Packaging Specifications	
Package Kind:	T&R
Package Size:	7in
Package Type:	Paper Tape
Package Quantity:	4000

General Information	
Supplier:	KEMET
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Miscellaneous Electrical:	Note: KEMET 50V rated parts may be operated at 63 Volts

Specifications	
Capacitance:	1000 pF
Chip Size:	0805 (2012 metric)
Voltage:	50V
Temperature Coefficient:	COG
Tolerance:	+/-5%
Application:	Standard Chip
Termination Type:	Tin (Sn)
Marked:	No
Temperature Range:	-55/+125C
Dissipation Factor:	0.1%
Aging Rate:	0% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125V