

**KEMET Part Number: C0805C122F5GACTU**  
(C0805C122F5GAC7800)

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1200 pF, +/-1% Tol, 50 V, C0G, 0805 (2012 metric)



**General Information**

<b>Supplier:</b>	KEMET
<b>Application:</b>	Standard Chip
<b>Chip Size:</b>	0805 (2012 metric)
<b>Temperature Coefficient:</b>	C0G
<b>Part Type Description:</b>	SMD, MLCC, Ultra-Stable, Low Loss, Class I
<b>Termination Type:</b>	Tin (Sn)
<b>Marked:</b>	No
<b>RoHS:</b>	Yes

**Dimensions (mm)**

Symbol	Dimension	Tolerance
L	2	+/-0.2
W	1.25	+/-0.2
T	0.78	+/-0.10
B	0.5	+/-0.25
S	0.75	MIN

**Packaging Specifications**

<b>Package Kind:</b>	T&R
<b>Package Size:</b>	7 in/180 mm
<b>Package Type:</b>	Plastic Tape
<b>Package Quantity:</b>	4000

**Specifications**

<b>Capacitance:</b>	1200 pF
<b>Voltage:</b>	50 V
<b>Tolerance:</b>	+/-1%
<b>Temperature Range:</b>	-55/+125C
<b>Dissipation Factor:</b>	0.1%
<b>Failure Rate:</b>	N/A
<b>Aging Rate:</b>	0% loss/decade hour
<b>Insulation Resistance:</b>	100 GOhm
<b>Dielectric Strength:</b>	125 V
<b>Miscellaneous:</b>	Note: KEMET 50V rated parts may be operated at 63 Volts