

**KEMET Part Number: C1812C102JCGACTU**  
(C1812C102JCGAC7800)

Ceramic, Commercial-(CxxxxC), 1000 pF, 5%, 500 V, 1812, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



**General Information**

<b>Style:</b>	SMD Chip
<b>Series:</b>	Commercial-(CxxxxC)
<b>Chip Size:</b>	1812
<b>Description:</b>	SMD, MLCC, Ultra-Stable, Low Loss, Class I
<b>Features:</b>	Ultra-Stable, Low Loss, Class I
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Failure Rate:</b>	N/A

**Dimensions**

<b>L</b>	4.5mm +/-0.3mm
<b>W</b>	3.2mm +/-0.3mm
<b>T</b>	1.4mm +/-0.15mm
<b>B</b>	0.6mm +/-0.35mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	1000

**Specifications**

<b>Capacitance:</b>	1000 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	500 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	C0G
<b>Dissipation Factor:</b>	0.1%
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	100 GOhms
<b>Dielectric Strength:</b>	750 V