

**KEMET Part Number: C1812X102JDGACTU**  
(C1812X102JDGAC7800)

SMD Comm COG HV Flex, Ceramic, 1000 pF, 5%, 1000 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, 1812



**Dimensions**

<b>L</b>	4.5mm +/-0.4mm
<b>W</b>	3.2mm +/-0.3mm
<b>T</b>	1mm +/-0.10mm
<b>B</b>	0.7mm +/-0.35mm

**Packaging Specifications**

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

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	SMD Comm COG HV Flex
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MLCC, FT-CAP, Ultra-Stable
<b>Features:</b>	FT-CAP, Ultra-Stable
<b>RoHS:</b>	Yes
<b>Termination:</b>	Flexible Termination
<b>Marking:</b>	No
<b>Chip Size:</b>	1812
<b>Shelf Life:</b>	78 Weeks
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	1000 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	1000 VDC
<b>Dielectric Withstanding Voltage:</b>	1200 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	COG
<b>Dissipation Factor:</b>	0.10% 1MHz 25C
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	100 GOhms