

**KEMET Part Number: C1812X103JCGACTU**  
(C1812X103JCGAC7800)

SMD Comm COG HV Flex, Ceramic, 0.01 uF, 5%, 500 V, 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>	2mm +/-0.20mm
<b>B</b>	0.7mm +/-0.35mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	500

**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>Failure Rate:</b>	N/A
<b>Chip Size:</b>	1812

**Specifications**

<b>Capacitance:</b>	0.01 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	500 VDC
<b>Dielectric Withstanding Voltage:</b>	750 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	COG
<b>Dissipation Factor:</b>	0.1% 1kHz 25C
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	100 GOhms