

**KEMET Part Number: C2225X102JZGACTU**  
(C2225X102JZGAC7800)

Ceramic, FlexTerm-(CxxxxX), 1000 pF, 5%, 2,500 V, 2225, COG, SMD, MLCC, FT-CAP, Ultra-Stable



**General Information**

<b>Style:</b>	SMD Chip
<b>Series:</b>	FlexTerm-(CxxxxX)
<b>Chip Size:</b>	2225
<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

**Dimensions**

<b>L</b>	5.9mm +/-0.75mm
<b>W</b>	6.4mm +/-0.4mm
<b>T</b>	1.6mm +/-0.20mm
<b>B</b>	0.7mm +/-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>	2500 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	COG
<b>Dissipation Factor:</b>	0.1%
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	100 GOhms
<b>Dielectric Strength:</b>	3,000 V