

**KEMET Part Number: C1206X300JDGACTU**  
(C1206X300JDGAC7800)

Ceramic, FlexTerm-(CxxxxX), 30 pF, 5%, 1,000 V, 1206, COG, SMD, MLCC, FT-CAP, Ultra-Stable



**General Information**

<b>Style:</b>	SMD Chip
<b>Series:</b>	FlexTerm-(CxxxxX)
<b>Chip Size:</b>	1206
<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>	3.3mm +/-0.4mm
<b>W</b>	1.6mm +/-0.35mm
<b>T</b>	1mm +/-0.20mm
<b>B</b>	0.6mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	2500

**Specifications**

<b>Capacitance:</b>	30 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	1000 VDC
<b>Dielectric Withstanding Voltage:</b>	1,200 V
<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