

**KEMET Part Number: C1210C333JAGACTU**  
(C1210C333JAGAC7800)

SMD Comm C0G, Ceramic, 0.033 uF, 5%, 250 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1210



**Dimensions**

<b>L</b>	3.2mm +/-0.2mm
<b>W</b>	2.5mm +/-0.2mm
<b>T</b>	1.55mm +/-0.15mm
<b>B</b>	0.5mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	2000

**General Information**

<b>Series:</b>	SMD Comm C0G
<b>Style:</b>	SMD Chip
<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>AEC-Q200:</b>	No
<b>Chip Size:</b>	1210
<b>Shelf Life:</b>	78 Weeks
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	33000 pF, 1kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	250 VDC
<b>Dielectric Withstanding Voltage:</b>	625 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	C0G
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	30 ppm/C, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	0.10% 1kHz 1.0Vrms
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	30.303 GOhms

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