

**KEMET Part Number: C0402C100J5GACTU**  
(C0402C100J5GAC7867, C0402C100J5GACTR)

Ceramic, KEMET, Commercial-(CxxxxC), 10 pF, 5%, 50 V, 0402, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I



**Dimensions**

Dimension	Value
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Paper Tape
<b>Packaging Quantity:</b>	10000

**General Information**

<b>Style:</b>	SMD Chip
<b>Supplier:</b>	KEMET
<b>Series:</b>	Commercial-(CxxxxC)
<b>Chip Size:</b>	0402
<b>Description:</b>	SMD, MLCC, Ultra-Stable, Low Loss, Class I
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Failure Rate:</b>	N/A
<b>Miscellaneous:</b>	Note: KEMET 50V rated parts may be operated at 63 Volts

**Specifications**

<b>Capacitance:</b>	10 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	50 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	C0G
<b>Dissipation Factor:</b>	0.1%
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	100 GOhms
<b>Dielectric Strength:</b>	125 V