

**KEMET Part Number: C0805C472KARALTU**  
(C0805C472KARAL7800)

SMD Comm X7R Tip-Ring, Ceramic, 4700 pF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 0805




**Dimensions**

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Paper Tape
<b>Packaging Quantity:</b>	4000

**General Information**

<b>Series:</b>	SMD Comm X7R Tip-Ring
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, MLCC, Temperature Stable, SnPb Termination
<b>Features:</b>	SnPb Termination
<b>RoHS:</b>	No
<b>Prop 65:</b>	 <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
<b>SCIP Number:</b>	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb
<b>Termination:</b>	Lead (SnPb)
<b>Marking:</b>	No
<b>AEC-Q200:</b>	No
<b>Component Weight:</b>	11 mg
<b>Shelf Life:</b>	78 Weeks
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	4700 pF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	250 VDC
<b>Dielectric Withstanding Voltage:</b>	625 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	15%, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	2.5% 1 kHz 1.0Vrms
<b>Aging Rate:</b>	3% Loss/Decade Hour: Referee Time is 1000 Hours
<b>Insulation Resistance:</b>	100 GOhms

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