

**KEMET Part Number: C1210C474KARACTU**  
(C1210C474KARAC7800)

SMD Comm X7R Tip-Ring, Ceramic, 0.47 uF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Tin Termination, 1210



Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.5mm +/-0.30mm
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information	
Series:	SMD Comm X7R Tip-Ring
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Tin Termination
Features:	Tin Termination
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.47 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	250 VDC
Dielectric Withstanding Voltage:	625 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	213 MOhms