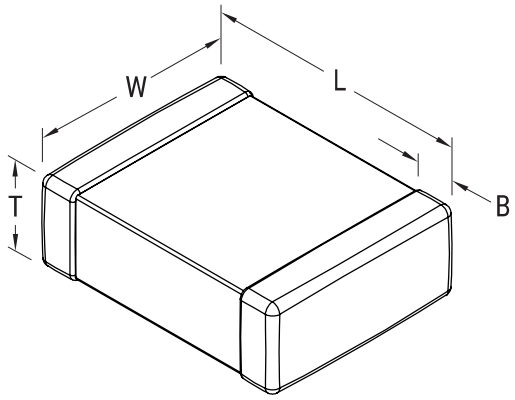
KEMET Part Number: C1825X105KARACTU

(C1825X105KARAC7800)

SMD Comm X7R Tip-Ring, Ceramic, 1 uF, 10%, 250 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, Tin Termination, 1825



General Information	
Series:	SMD Comm X7R Tip-Ring
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Temperature Stable, Tin Termination
Features:	Tin Termination
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
AEC-Q200:	No
Component Weight:	240 mg
Shelf Life:	78 Weeks
MSL:	1

Dimensions	
Chip Size	1825
L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
T	1.5mm +/-0.15mm
B	0.7mm +/-0.35mm

Specifications	
Capacitance:	1 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:	1 GOhms

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

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