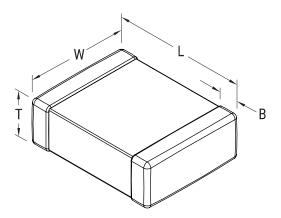
## **KEMET Part Number: C2225C125KARACTU**

(C2225C125KARAC7800)



SMD Comm X7R Tip-Ring, Ceramic, 1.2 uF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Tin Termination, 2225



Dimensions		
Chip Size	2225	
L	5.6mm +/-0.4mm	
W	6.4mm +/-0.4mm	
Т	1.4mm +/-0.15mm	
В	0.6mm +/-0.35mm	

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	
Component Weight:	350 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	1.2 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:	833.3 MOhms

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