KEMET Part Number: C1825C105KARACTU

(C1825C105KARAC7800)



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



Dimensions		
L	4.5mm +/-0.3mm	
W	6.4mm +/-0.4mm	
Т	1.5mm +/-0.15mm	
В	0.6mm +/-0.35mm	

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

General Information		
Supplier:	KEMET	
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	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	
Chip Size:	1825	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	625 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1 GOhms	

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