## **KEMET Part Number: C1825C824KARACTU**

(C1825C824KARAC7800)



SMD Comm X7R Tip-Ring, Ceramic, 0.82 uF, 10%, 250 V, X7R, SMD, MLCC, Temperature Stable, SnPb 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, SnPb Termination
Features:	Tin Termination
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1825

Specifications		
Capacitance:	0.82 uF	
Capacitance Tolerance:	10%	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	625 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1.22 GOhms	

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