KEMET Part Number: C0805C103KARACTU

(C0805C103KARAC7800)



Ceramic, TipAndRing-(CxxxxC), 0.01 uF, 10%, 250 V, 0805, X7R, SMD, MLCC, Tip & Ring, Temperature Stable



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	4000	

General Information		
Style:	SMD Chip	
Series:	TipAndRing-(CxxxxC)	
Chip Size:	0805	
Description:	SMD, MLCC, Tip & Ring, Temperature Stable	
Features:	Temperature Stable	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Failure Rate:	N/A	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	625 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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