## **KEMET Part Number: C0805X104K1RACTU**

(C0805X104K1RAC7800)



Ceramic, FlexTerm-(CxxxxX), 0.1 uF, 10%, 100 V, 0805, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions		
L	2mm +/-0.3mm	
W	1.25mm +/-0.3mm	
Т	1mm +/-0.20mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information	
Style:	SMD Chip
Series:	FlexTerm-(CxxxxX)
Chip Size:	0805
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	5 GOhms
Dielectric Strength:	250 V

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