## KEMET Part Number: C0805C104K1RACTU

(C0805C104K1RAC7800)



## Ceramic, Commercial-(CxxxxC), 0.1 uF, 10%, 100 V, 0805, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions		
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1mm +/-0.10mm	
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:	Commercial-(CxxxxC)	
Chip Size:	0805	
Description:	SMD, MLCC, Temperature Stable, Class II	
Features:	Temperature Stable, Class II	
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:	0.1 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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