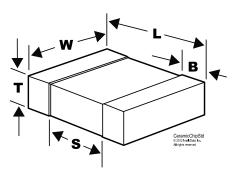
## KEMET Part Number: C0805C105K8RACTU

(C0805C105K8RAC7800)



Ceramic, Commercial-(CxxxxC), 1 uF, 10%, 10 V, 0805, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.9mm +/-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:	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 48 hours	

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms
Dielectric Strength:	25 V

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