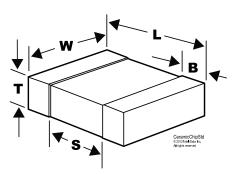
KEMET Part Number: C0805C105K5PACTU

(C0805C105K5PAC7800)



Ceramic, Commercial-(CxxxxC), 1 uF, 10%, 50 V, 0805, X5R, SMD, MLCC, Temperature Stable, Class II



Dimensions		
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.15mm	
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 X5R dielectric for this part number is 48 hours

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+85C
Temperature Coefficient:	X5R
Dissipation Factor:	2.5%
Aging Rate:	4% Loss/Decade Hour
Insulation Resistance:	100 MOhms
Dielectric Strength:	125 V

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