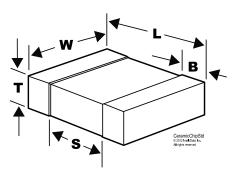
## KEMET Part Number: C0805C105K3PACTU

(C0805C105K3PAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1 uF, +/-10% Tol, 25V, X5R, 0805 (2012 metric)



Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	2.00	+/-0.20	
W	1.25	+/-0.20	
Т	1.25	+/-0.15	
В	0.50	+/-0.25	
S	0.75	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Type:	Plastic Tape	
Package Quantity:	2500	

General Information		
Supplier:	KEMET	
Part Type Description:	SMD, MLCC, Temperature Stable, Class II	
Miscellaneous Electrical:	Note: Referee time for X5R dielectric for this part number is 48 hours	

Specifications		
Capacitance:	1 uF	
Chip Size:	0805 (2012 metric)	
Voltage:	25V	
Temperature Coefficient:	X5R	
Tolerance:	+/-10%	
Application:	Standard Chip	
Termination Type:	Tin (Sn)	
Marked:	No	
Temperature Range:	-55/+85C	
Dissipation Factor:	5%	
Aging Rate:	5% loss/decade hour	
Insulation Resistance:	500 MOhm	
Dielectric Strength:	62.5V	

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