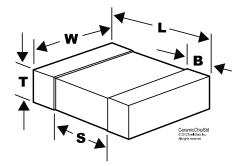
## KEMET Part Number: C0402C105K4PACTU

(C0402C105K4PAC7867)



## Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1 uF, +/-10% Tol, 16 V, X5R, 0402 (1005 metric)



General Information		
Supplier:	KEMET	
Application:	Standard Chip	
Chip Size:	0402 (1005 metric)	
Temperature Coefficient:	X5R	
Part Type Description:	SMD, MLCC, Temperature Stable, Class II	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	1	+/-0.05	
W	0.5	+/-0.05	
Т	0.5	+/-0.05	
В	0.3	+/-0.1	
S	0.3	MIN	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7in	
Package Type:	Paper Tape	
Package Quantity:	10000	

Specifications		
Capacitance:	1 uF	
Voltage:	16 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+85C	
Dissipation Factor:	10%	
Failure Rate:	NA	
Aging Rate:	4% loss/decade hour	
Insulation Resistance:	100 MOhm	
Dielectric Strength:	40 V	
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 48 hours	

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