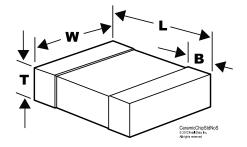
## KEMET Part Number: C1206R105K3RACTU

(C1206R105K3RAC7800)



## Capacitor, Ceramic, SMD, MLCC, High Temperature, FT-Cap, 1 uF, +/-10% Tol, 25 V, X7R, 1206 (3216 metric)



General Information		
Supplier:	KEMET	
Application:	175C	
Chip Size:	1206 (3216 metric)	
Temperature Coefficient:	X7R	
Part Type Description:	SMD, MLCC, High Temperature, FT-Cap	
Termination Type:	Flexible Termination	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.3	+/-0.4
W	1.6	+/-0.35
т	1.7	+/-0.20
В	0.6	+/-0.25

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	2000	

Specifications		
Capacitance:	1 uF	
Voltage:	25 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+175C	
Dissipation Factor:	3.5%	
Failure Rate:	N/A	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	500 MOhm	
Dielectric Strength:	62.5 V	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

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