## **KEMET Part Number: C1210C105K5NACTU**

(C1210C105K5NAC7800)



Capacitor, Ceramic, SMD, MLCC, High Temperature, Temperature Stable, 1 uF, +/-10% Tol, 50 V, X8L, 1210 (3225 metric)



General Information		
Supplier:	KEMET	
Application:	Standard Chip	
Chip Size:	1210 (3225 metric)	
Temperature Coefficient:	X8L	
Part Type Description:	SMD, MLCC, High Temperature, Temperature Stable	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	2.5	+/-0.2
Т	1.7	+/-0.20
В	0.5	+/-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:	50 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+150C	
Dissipation Factor:	2.5%	
Failure Rate:	N/A	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	500 MOhm	
Dielectric Strength:	125 V	
Miscellaneous:	Note: Referee time for X8L dielectric for this part number is 1000 hours	

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