## KEMET Part Number: C1206C105K3NACTU

(C1206C105K3NAC7800)



## Ceramic, 150C-(CxxxxC), 1 uF, 10%, 25 V, 1206, X8L, SMD, MLCC, High Temperature, Temperature Stable



Dimensions		
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	1mm +/-0.10mm	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information		
Style:	SMD Chip	
Series:	150C-(CxxxxC)	
Chip Size:	1206	
Description:	SMD, MLCC, High Temperature, Temperature Stable	
Features:	High Temperature, Temperature Stable	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Failure Rate:	N/A	
Miscellaneous:	Note: Referee time for X8L dielectric for this part number is 1000 hours	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Temperature Range:	-55/+150C	
Temperature Coefficient:	X8L	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	500 MOhms	
Dielectric Strength:	62.5 V	

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