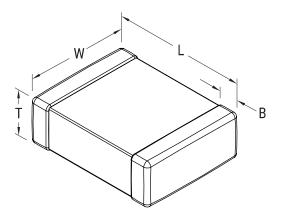
KEMET Part Number: C1206C105K3NACTU

(C1206C105K3NAC7800)



SMD Comm X8L HT150C, Ceramic, 1 uF, 10%, 25 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, 1206



Dimensions		
Chip Size	1206	
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		
Series:	SMD Comm X8L HT150C	
Style:	SMD Chip	
Description:	SMD, MLCC, High Temperature, Temperature Stable	
Features:	High Temperature, Temperature Stable	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Component Weight:	25 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+150°C
Temperature Coefficient:	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	500 MOhms

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