

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
T	1mm +/-0.10mm
B	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