

KEMET Part Number: C1206C103K5HACTU
(C1206C103K5HAC7800)

SMD Comm X8R HT150C, Ceramic, 0.01 uF, 10%, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 1206



Dimensions	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	0.78mm +/-0.10mm
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	4000

General Information	
Supplier:	KEMET
Series:	SMD Comm X8R HT150C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, Ultra-Stable
Features:	High Temperature, Ultra-Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X8R dielectric for this part number is 1000 hours
Chip Size:	1206

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+150C
Temperature Coefficient:	X8R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms