

KEMET Part Number: C1206X105K4RACTU
(C0805J103K3RACAUTO7800)

Ceramic, SMD Comm X7R Flex, 1 uF, 10%, 16 V, 1206, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.2mm +/-0.15mm
B	0.6mm +/-0.25mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	SMD Comm X7R Flex
Chip Size:	1206
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms