

KEMET Part Number: C1206C105K3RACTU
(C1206C105K3RAC7800)

Ceramic, Commercial-(CxxxxC), 1 uF, 10%, 25 V, 1206, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.2mm +/-0.20mm
B	0.5mm +/-0.25mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1206
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms
Dielectric Strength:	62.5 V