

KEMET Part Number: C1210X105K5RACTU
(C1210X105K5RAC7800)

Ceramic, FlexTerm-(CxxxxX), 1 uF, 10%, 50 V, 1210, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions

L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	1.55mm +/-0.20mm
B	0.6mm +/-0.25mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2000

General Information

Style:	SMD Chip
Series:	FlexTerm-(CxxxxX)
Chip Size:	1210
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:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms