

KEMET Part Number: C1210C106K4RACTU
(C1210C106K4RAC7800)

Ceramic, Commercial-(CxxxxC), 10 uF, 10%, 16 V, 1210, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions

L	3.2mm +/-0.3mm
W	2.5mm +/-0.22mm
T	1.9mm +/-0.20mm
B	0.5mm +/-0.25mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1210
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:	10 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	50 MOhms
Dielectric Strength:	40 V