

KEMET Part Number: C1206C104K2RECTU
(C1206C104K2REC7800)

ESD SMD Comm X7R, Ceramic, 0.1 uF, 10%, 200 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 1206



Dimensions

Chip Size		1206
L		3.2mm +/-0.2mm
W		1.6mm +/-0.2mm
T		1.25mm +/-0.15mm
B		0.5mm +/-0.25mm

Packaging Specifications

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

General Information

Series:	ESD SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	200 VDC
ESD Level per AEC-Q200:	25,000 V ESD Level
Dielectric Withstanding Voltage:	500 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	10 GOhms