

KEMET Part Number: C1206C394K1RALTU
(C1206C394K1RAL7800)

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SMD Comm X7R SnPb, Ceramic, 0.39 uF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 1206




Dimensions

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

Packaging Specifications

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

General Information

Series:	SMD Comm X7R SnPb
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, SnPb Termination
Features:	SnPb Termination
RoHS:	No
Prop 65:	 WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
Termination:	Lead (SnPb)
Marking:	No
AEC-Q200:	No
Component Weight:	41 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.39 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 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% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	2.5641 GOhms

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