

C1206X102KCRALTU

Aliases (C1206X102KCRAL7800)

SMD Comm X7R HV Flex, Ceramic, 1000 pF, 10%, 500 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1206



Click [here](#) for the 3D model.

Dimensions

Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1mm +/-0.20mm
B	0.6mm +/-0.25mm

Packaging Specifications

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

General Information

Series	SMD Comm X7R HV Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Temperature Stable
Features	FT-CAP, Temperature Stable
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
SCIP Number	724b81dc-0c36-4aa3-aabc-63f2cc6f8822
Termination	Flexible Termination With Lead (SnPb)
Marking	No
AEC-Q200	No
Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	1000 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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	100 GOhms

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