

C1206C225K4NACTU

Aliases (C1206C225K4NAC7800)

SMD Comm X8L HT150C, Ceramic, 2.2 uF, 10%, 16 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, 1206



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

Dimensions

Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.20mm
B	0.5mm +/-0.25mm

Packaging Specifications

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

General Information

Series	SMD Comm X8L HT150C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Temperature Stable
Features	High Temperature, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	41 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	2.2 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor	3.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	227.3 MOhms

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