

C1210X103F4HALTU

Aliases (C1210X103F4HAL7800)

SMD Comm X8R HT150C Flex, Ceramic, 0.01 uF, 1%, 16 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 1210



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

General Information

Series	SMD Comm X8R HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable
Features	Ultra-Stable
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
Termination	Flexible Termination With Lead (SnPb)
Marking	false
AEC-Q200	No
Typical Component Weight	50 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	1.1mm +/-0.15mm
S	1.5mm MIN
B	0.6mm +/-0.25mm

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

Specifications

Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8R
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	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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