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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	13 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	0.78mm +/-0.20mm
S	0.6mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

Specifications

Capacitance	8.2 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	+/-0.25 pF
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%, 1MHz 1.0Vrms
Dissipation Factor	2.5% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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