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General Information

Series	SMD HRA X7R
Style	SMD Chip
Description	High Reliability Alternative (HRA), X-LEVEL, Flex Termination, SnPb
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
Termination	Flexible Termination With Lead (SnPb)
Marking	No
AEC-Q200	No
Typical Component Weight	390 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	2220
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	2.4mm +/-0.15mm
S	3.5mm MIN
B	0.7mm +/-0.35mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	500

Specifications

Capacitance	22 uF
Measurement Condition	120 Hz 0.5Vrms
Capacitance Tolerance	10%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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	5% 120 Hz 0.5Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	22.7 MOhms

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