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General Information

Series	SMD MIL X7R PRF32535
Style	SMD Chip
Description	SMD, MIL-PRF-32535
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 T-Level
AEC-Q200	No
Typical Component Weight	108 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	1210
L	3.2mm +0.3/-0.25mm
W	2.49mm +0.3/-0.25mm
T	2.79mm MAX
S	1.5mm MIN
B	0.51mm +/-0.36mm

Packaging Specifications

Packaging	Waffle
Packaging Quantity	80

Specifications

Capacitance	2.2 uF
Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	227.3 MOhms

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