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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	Flexible Termination
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
Typical Component Weight	20 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.047 uF
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	21.2766 GOhms

Dimensions

L	2.01mm +0.3/-0.25mm
W	1.27mm +0.3/-0.25mm
T	1.57mm MAX
S	0.6mm MIN
B	0.51mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

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