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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/
SCIP Number	d66873f5-e54d-410c-a0cf-ebf6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
Typical Component Weight	6.3 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	1.6mm +0.2/-0.15mm
W	0.81mm +0.2/-0.15mm
T	1.02mm MAX
S	0.5mm MIN
B	0.41mm +/-0.2mm
Case Code (EIA / mm)	0603 / 1608

Packaging Specifications

Packaging	Waffle
Packaging Quantity	100

Specifications

Capacitance	0.1 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	5 GOhms

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