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General Information

Series	SMD MIL COG PRF32535
Style	SMD Chip
Description	SMD, Low ESR, 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 M-Level
AEC-Q200	No
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	1 pF
Tolerance	+/-0.1 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/ +125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.25% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

Dimensions

Chip Size	0603
L	1.6mm +0.2/-0.15mm
W	0.81mm +0.2/-0.15mm
T	1.02mm MAX
B	0.41mm +/-0.2mm

Packaging Specifications

Packaging	Waffle
Packaging Quantity	368

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