



Click [here](#) for the 3D model.

**General Information**

Series	SMD MIL COG PRF32535
Style	SMD Chip
Description	SMD, Low ESR, MIL-PRF-32535
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	d66873f5-e54d-410c-a0cf-ebf6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	1,000 pF
Tolerance	5%
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	0.15% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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

Packaging Specifications	
Packaging	Waffle
Packaging Quantity	368

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