



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	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
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.18 uF
Tolerance	5%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.15% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	5.5556 GOhms

Dimensions

L	5.69mm +/-0.41mm
W	5mm +/-0.41mm
T	2.79mm MAX
B	0.64mm +/-0.46mm
Case Code (EIA / mm)	2220 / 5651

Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

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