



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 - http://www.p65warnings.ca.gov .
SCIP Number	d66873f5-e54d-410c-a0cf-ebf6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
AEC-Q200	No
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	100 pF
Capacitance Tolerance	5%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temperature 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

Chip Size	0805
L	2.01mm +0.3/-0.25mm
W	1.27mm +0.3/-0.25mm
T	1.57mm MAX
B	0.51mm +/-0.25mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000