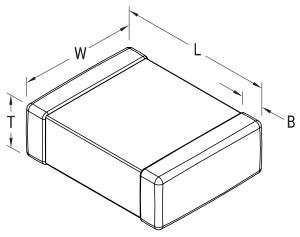


M3253507E1C102KZMB

Aliases (C1812K102K2EML) SMD MIL COG PRF32535, Ceramic, 1,000 pF, 10%, 200 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 1812



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-ebf 6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
AEC-Q200	No
Shelf Life	78 Weeks
MSL	1

1812
4.52mm +/-0.3mm
3.2mm +/-0.3mm
2.79mm MAX
0.61mm +/-0.46mm

Packaging Specifications

Packaging	Waffle
Packaging Quantity	42

Specifications	
Capacitance	1,000 pF
Tolerance	10%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 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

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