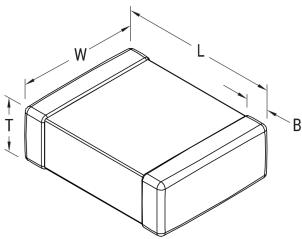


M3253503E1B102JZMB-T&R

Aliases (C0603K102J1EML7189)

SMD MIL COG PRF32535, Ceramic, 1000 pF, 5%, 100 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +0.2/-0.15mm
W	0.81mm +0.2/-0.15mm
Т	1.02mm MAX
В	0.41mm +/-0.2mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	4000

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	1000 pF
Capacitance Tolerance	5%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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

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