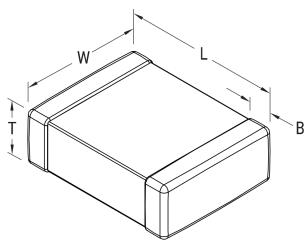


## M3253507E1C102JZMB

Aliases (C1812K102J2EML)

SMD MIL COG PRF32535, Ceramic, 1000 pF, 5%, 200 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 1812



Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.52mm +/-0.3mm (0.178 in +/-0.012 in)
W	3.2mm +/-0.3mm (0.126 in +/-0.012 in)
Т	2.79mm MAX (0.11 in MAX)
В	0.61mm +/-0.46mm (0.024 in +/-0.018 in)

Packaging Specifications	
Packaging	Waffle
Packaging Quantity	42

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	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Dissipation Factor	0.15% 1 MHz 25C
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.