

## M3253507E1Z104JZMB

Aliases (C1812K104J3EML)

SMD MIL COG PRF32535, Ceramic, 0.1 uF, 5%, 25 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	0.1 uF			
Capacitance Tolerance	5%			
Voltage DC	25 VDC			
Dielectric Withstanding Voltage	62.5 VDC			
Temperature Range	-55/+125°C			
Temperature Coefficient	COG			
Dissipation Factor	0.25% 1 MHz 25C			
Aging Rate	0% Loss/Decade Hour			
Insulation Resistance	10 GOhms			

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