

## M3253503E1A100FZMB-T&R

Aliases (C0603K100F5EML7189)

SMD MIL COG PRF32535, Ceramic, 10 pF, 1%, 50 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 (0.063 in +0.008/-0.006 in)
W	0.81mm +0.2/-0.15mm (0.032 in +0.008/-0.006 in)
Т	1.02mm MAX (0.04 in MAX)
В	0.41mm +/-0.2mm (0.016 in +/-0.008 in)

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

Specifications			
Capacitance	10 pF		
Capacitance Tolerance	1%		
Voltage DC	50 VDC		
Dielectric Withstanding Voltage	125 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.

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