

KEMET Part Number: M3253507E1Z104JZMB-T&R
(C1812K104J3EML7189)

SMD MIL C0G PRF32535, Ceramic, 0.1 uF, 5%, 25 VDC, C0G, SMD, Low ESR, MIL-PRF-32535, N/A, 1812



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)
T	2.79mm MAX (0.11 in MAX)
B	0.61mm +/-0.46mm (0.024 in +/-0.018 in)

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	1000

General Information	
Series:	SMD MIL C0G PRF32535
Style:	SMD Chip
Description:	SMD, Low ESR, MIL-PRF-32535
RoHS:	No
Prop 65:	⚠ WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Plated
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535 M-Level

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:	C0G
Dissipation Factor:	0.25% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	10 GOhms

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