

KEMET Part Number: M3253507E1C102JZMB-T&R
(C1812K102J2EML7189)



SMD MIL C0G PRF32535, Ceramic, Military/High Reliability, 1000 pF, 5%, 200 V, C0G, SMD, Low ESR, MIL-PRF-32535, N/A, 1812



Dimensions	
L (Imperial)	0.178 Inches +/-0.012 Inches
L	4.52mm +/-0.3mm
W (Imperial)	0.126 Inches +/-0.012 Inches
W	3.2mm +/-0.3mm
T (Imperial)	0.110 Inches MAX
T	2.79mm MAX
B (Imperial)	0.024 Inches +/-0.018 Inches
B	0.61mm +/-0.46mm

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	1000

General Information	
Supplier:	KEMET
Series:	SMD MIL C0G PRF32535
Style:	SMD Chip
Description:	SMD, Low ESR, MIL-PRF-32535
RoHS:	No
Termination:	Solder Plated
Failure Rate:	N/A
Qualifications:	MIL-PRF-32535 M-Level
Chip Size:	1812
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	5%
Voltage DC:	200 VDC
Dielectric Withstanding Voltage:	500 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.15% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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