

KEMET Part Number: M3253503E1B101JZMB
(C0603K101J1EML)

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SMD MIL C0G PRF32535, Ceramic, 100 pF, 5%, 100 VDC, C0G, SMD, Low ESR, MIL-PRF-32535, N/A, 0603




Dimensions

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Chip Size	0603
L	1.6mm +/-0.15mm (0.063 in +/-0.006 in)
W	0.81mm +/-0.15mm (0.032 in +/-0.006 in)
T	0.99mm MAX (0.039 in MAX)
B	0.41mm +/-0.2mm (0.016 in +/-0.008 in)

Packaging Specifications

Packaging:	Waffle
Packaging Quantity:	368

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)
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:	100 pF
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Dissipation Factor:	0.15% 1 MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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