

**KEMET Part Number: M3253508E1B104JZMB-T&R**  
(C2220K104J1EML7189)

SMD MIL C0G PRF32535, Ceramic, 0.1 uF, 5%, 100 VDC, C0G, SMD, Low ESR, MIL-PRF-32535, N/A, 2220



Dimensions	
Chip Size	2220
L	5.69mm +/-0.41mm (0.224 in +/-0.016 in)
W	5mm +/-0.41mm (0.197 in +/-0.016 in)
T	2.79mm MAX (0.11 in MAX)
B	0.64mm +/-0.46mm (0.025 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:	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
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:	100 VDC
Dielectric Withstanding Voltage:	250 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