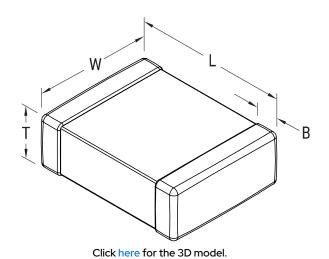


M3253502BPZ101JZMB

General Information

Aliases (C0402K101J3GML) SMD MIL BP PRF32535, Ceramic, 100 pF, 5%, 25 VDC, BP, SMD, Low ESR, MIL-PRF-32535, N/A, 0402



Series SMD MIL BP PRF32535 Style SMD Chip Description SMD, Low ESR, MIL-PRF-32535 RoHS No WARNING: Cancer and Prop 65 reproductive harm https://www.p65warnings.ca.gov Termination Solder Plated Failure Rate N/A Qualifications MIL-PRF-32535 M-Level AEC-Q200 No 78 Weeks Shelf Life MSL 1

Dimensions	
Chip Size	0402
L	1.02mm +0.15/-0.1mm
W	0.51mm +0.13/-0.1mm
т	0.64mm MAX
В	0.1mm MIN

Packaging Specifications	
Packaging	Waffle
Packaging Quantity	368

Specifications	
Capacitance	100 pF
Tolerance	5%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	BP
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.15% 1 MHz 1.0Vrms
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.