KEMET Part Number: M3253502E1B101JZMB-T&R

(C0402K101J1EML7189)



SMD MIL COG PRF32535, Ceramic, 100 pF, 5%, 100 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 0402



| Dimensions | | |
|------------|---------------------------|--|
| Chip Size | 0402 | |
| L | 1.02mm +/-0.1mm | |
| | (0.04 in +/-0.004 in) | |
| w | 0.51mm +/-0.1mm | |
| | (0.02 in +/-0.004 in) | |
| Т | 0.61mm MAX (0.024 in MAX) | |
| В | 0.1mm MIN (0.004 in MIN) | |

| Packaging Specifications | | |
|--------------------------|-------|--|
| Packaging: | T&R | |
| Packaging Quantity: | 10000 | |

| General Information | |
|---------------------|---|
| Series: | SMD MIL COG 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: | 100 pF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 100 VDC | |
| Dielectric Withstanding Voltage: | 250 VDC | |
| Temperature Range: | -55/+125°C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.15% 1MHz 25C | |
| 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.



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1812J1K00473KXT 1812J2K00680JCT 1812J4K00102MXT 1812J5000102JCT 1812J5000103JCT 1812J5000682JCT NIN-FB391JTRF

NIN-FC2R7JTRF NPIS27H102MTRF C1206C101J1GAC C1608C0G1E472JT000N C2012C0G2A472J 2220J2K00101JCT

KHC201E225M76N0T00 LRC-LRF1206LF-01R025FTR1K 1812J1K00222JCT 1812J2K00102KXT 1812J2K00222KXT

1812J2K00472KXT 2-1622820-7-CUT-TAPE 2220J3K00102KXT 2225J2500824KXT CCR07CG103KM CGA2B2C0G1H010C

CGA2B2C0G1H040C CGA2B2C0G1H050C CGA2B2C0G1H060D CGA2B2C0G1H070D CGA2B2C0G1H151J CGA2B2C0G1H1R5C

CGA2B2C0G1H2R2C CGA2B2C0G1H3R3C CGA2B2C0G1H680J CGA2B2C0G1H6R8D CGA2B2X8R1H221K CGA2B2X8R1H472K

CGA3E1X7R1C474K