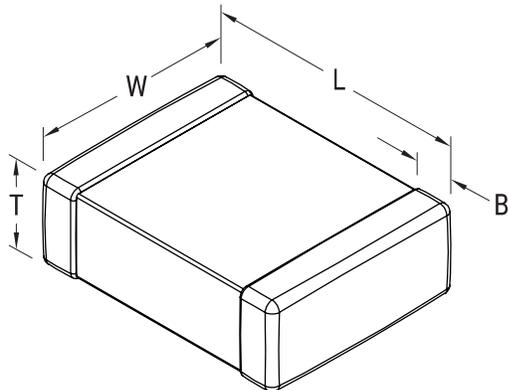


KEMET Part Number: M3253502E1B101JZMB-T&R
(C0402K101J1EML7189)

SMD MIL C0G PRF32535, Ceramic, 100 pF, 5%, 100 VDC, C0G, 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) |
| T | 0.61mm MAX (0.024 in MAX) |
| B | 0.1mm MIN (0.004 in MIN) |

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

| 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) |
| 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: | C0G |
| Dissipation Factor: | 0.15% 1MHz 25C |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |