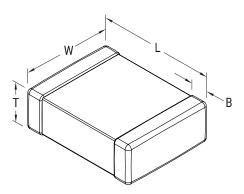
KEMET Part Number: M3253503E1B102JZMB-T&R

(C0603K102J1EML7189)



SMD MIL COG PRF32535, Ceramic, Military/High Reliability, 1000 pF, 5%, 100 V, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 0603



| Dimensions | | |
|--------------|------------------------------|--|
| L (Imperial) | 0.063 Inches +/-0.006 Inches | |
| L | 1.6mm +/-0.15mm | |
| W (Imperial) | 0.032 Inches +/-0.006 Inches | |
| W | 0.81mm +/-0.15mm | |
| T (Imperial) | 0.039 Inches MAX | |
| Т | 0.99mm MAX | |
| B (Imperial) | 0.016 Inches +/-0.008 Inches | |
| В | 0.41mm +/-0.2mm | |

| Packaging Specifications | | |
|--------------------------|------|--|
| Packaging: | T&R | |
| Packaging Quantity: | 4000 | |

| General Information | |
|---------------------|-----------------------------|
| Supplier: | KEMET |
| Series: | SMD MIL COG PRF32535 |
| Style: | SMD Chip |
| Description: | SMD, Low ESR, MIL-PRF-32535 |
| RoHS: | No |
| Termination: | Solder Plated |
| Failure Rate: | N/A |
| Qualifications: | MIL-PRF-32535 M-Level |
| Chip Size: | 0603 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 1000 pF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 100 VDC | |
| Dielectric Withstanding Voltage: | 250 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.15% 1MHz 25C | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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