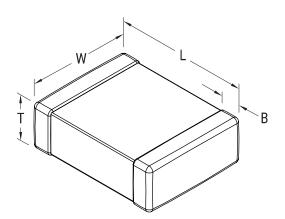
KEMET Part Number: M3253504E1Z103JZMB-T&R

(C0805K103J3EML7189)



SMD MIL COG PRF32535, Ceramic, Military/High Reliability, 0.01 uF, 5%, 25 VDC, COG, SMD, Low ESR, MIL-PRF-32535, N/A, 0805



| Dimensions | | |
|------------|--------------------------|--|
| L | 2.01mm +/-0.25mm | |
| | (0.079 in +/-0.01 in) | |
| W | 1.27mm +/-0.25mm | |
| | (0.05 in +/-0.01 in) | |
| Т | 1.52mm MAX (0.06 in MAX) | |
| В | 0.51mm +/-0.25mm | |
| | (0.02 in +/-0.01 in) | |

| 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: | 0805 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.01 uF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 25 VDC | |
| Dielectric Withstanding Voltage: | 62.5 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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