



Click [here](#) for the 3D model.

#### General Information

|                |  |
|----------------|--|
| Series         | SMD MIL COG PRF32535   |
| Style          | SMD Chip   |
| Description    | SMD, Low ESR, MIL-PRF-32535  |
| RoHS           | No   |
| Prop 65        | <b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a> |
| SCIP Number    | d66873f5-e54d-410c-a0cf-ebf6fcf635b5   |
| Termination    | Solder Plated  |
| Failure Rate   | N/A  |
| Qualifications | MIL-PRF-32535 M-Level  |
| AEC-Q200       | No   |
| Shelf Life     | 78 Weeks   |
| MSL            | 1  |

#### Dimensions

|           |                    |
|-----------|--------------------|
| Chip Size | 1206               |
| L         | 3.2mm +0.3/-0.25mm |
| W         | 1.6mm +0.3/-0.25mm |
| T         | 1.8mm MAX          |
| B         | 0.51mm +/-0.36mm   |

#### Packaging Specifications

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

#### Specifications

|  |                        |
|--|------------------------|
| Capacitance  | 0.01 uF                |
| Tolerance  | 5%                     |
| Voltage DC   | 100 VDC                |
| Dielectric Withstanding Voltage                                    | 250 VDC                |
| Temperature Range  | -55/+125°C             |
| Temp. Coefficient  | COG                    |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Dissipation Factor   | 0.15% 1 kHz 1.0Vrms    |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 100 GOhms              |

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