



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-ebf6 fcf635b5  |
| Termination    | Solder Plated  |
| Failure Rate   | N/A  |
| Qualifications | MIL-PRF-32535 T-Level  |
| Shelf Life     | 78 Weeks   |
| MSL            | 1  |

**Specifications**

|  |                        |
|--|------------------------|
| Capacitance  | 0.01 uF                |
| Tolerance  | 1%                     |
| Voltage DC   | 25 VDC                 |
| Dielectric Withstanding Voltage                                    | 62.5 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              |

| Dimensions           |                     |
|----------------------|---------------------|
| L                    | 2.01mm +0.3/-0.25mm |
| W                    | 1.27mm +0.3/-0.25mm |
| T                    | 1.57mm MAX          |
| B                    | 0.51mm +/-0.25mm    |
| Case Code (EIA / mm) | 0805 / 2012         |

| Packaging Specifications |        |
|--------------------------|--------|
| Packaging                | Waffle |
| Packaging Quantity       | 100    |

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