



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="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> . |
| SCIP Number         | d66873f5-e54d-410c-a0cf-ebf6fc635b5  |
| 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  | 0402   |
| L          | 1.02mm +0.15/-0.1mm (0.04 in +0.006/-0.004 in) |
| W          | 0.51mm +0.13/-0.1mm (0.02 in +0.005/-0.004 in) |
| T          | 0.64mm MAX (0.025 in MAX)                      |
| B          | 0.1mm MIN (0.004 in MIN)                       |

| Packaging Specifications |        |
|--------------------------|--------|
| Packaging                | Waffle |
| Packaging Quantity       | 368    |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 1000 pF             |
| Capacitance Tolerance           | 5%                  |
| Voltage DC                      | 25 VDC              |
| Dielectric Withstanding Voltage | 62.5 VDC            |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | COG                 |
| Dissipation Factor              | 0.15% 1 MHz 25C     |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 100 GOhms           |