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| 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  | 1206  |
| L          | 3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in) |
| W          | 1.6mm +0.3/-0.25mm (0.063 in +0.012/-0.01 in) |
| T          | 1.8mm MAX (0.071 in MAX)                      |
| B          | 0.51mm +/-0.36mm (0.02 in +/-0.014 in)        |

| Packaging Specifications |        |
|--------------------------|--------|
| Packaging                | Waffle |
| Packaging Quantity       | 126    |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 0.01 uF             |
| Capacitance Tolerance           | 5%                  |
| Voltage DC                      | 100 VDC             |
| Dielectric Withstanding Voltage | 250 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           |

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