



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

**General Information**

|                          |  |
|--------------------------|--|
| Series                   | SMD MIL X7R PRF32535   |
| Style                    | SMD Chip   |
| Description              | SMD, 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  |
| Typical Component Weight | 20 mg  |
| Shelf Life               | 78 Weeks   |
| MSL                      | 1  |

**Dimensions**

|                      |                     |
|----------------------|---------------------|
| L                    | 2.01mm +0.3/-0.25mm |
| W                    | 1.27mm +0.3/-0.25mm |
| T                    | 1.57mm MAX          |
| S                    | 0.7mm MIN           |
| B                    | 0.51mm +/-0.25mm    |
| Case Code (EIA / mm) | 0805 / 2012         |

**Packaging Specifications**

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 2500 |

**Specifications**

|  |                     |
|--|---------------------|
| Capacitance  | 1 uF                |
| Tolerance  | 10%                 |
| Voltage DC   | 10 VDC              |
| Dielectric Withstanding Voltage                                    | 25 VDC              |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms   |
| Dissipation Factor   | 5% 1 kHz 1.0Vrms    |
| Aging Rate   | 3% Loss/Decade Hour |
| Insulation Resistance  | 500 MOhms           |

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