



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

### Dimensions

|           |   |
|-----------|---|
| Chip Size | 0603  |
| L         | 1.6mm +0.2/-0.15mm (0.063 in +0.008/-0.006 in)  |
| W         | 0.81mm +0.2/-0.15mm (0.032 in +0.008/-0.006 in) |
| T         | 1.02mm MAX (0.04 in MAX)                        |
| B         | 0.41mm +/-0.2mm (0.016 in +/-0.008 in)          |

### Packaging Specifications

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

### General Information

|                  |  |
|------------------|--|
| Series           | SMD MIL X7R PRF32535   |
| Style            | SMD Chip   |
| Description      | SMD, Military, 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> . |
| Termination      | Solder Plated  |
| Failure Rate     | N/A  |
| Qualifications   | MIL-PRF-32535  |
| AEC-Q200         | No   |
| Component Weight | 6300 ug  |

### Specifications

|                                 |                     |
|---------------------------------|---------------------|
| Capacitance                     | 1000 pF             |
| Capacitance Tolerance           | 5%                  |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | X7R                 |
| Dissipation Factor              | 2.5% 1MHz 25C       |
| Aging Rate                      | 3% Loss/Decade Hour |
| Insulation Resistance           | 100 GOhms           |

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