



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

### Dimensions

|           |  |
|-----------|--|
| Chip Size | 0805                                   |
| L         | 2mm +/-0.2mm (0.079 in +/-0.008 in)    |
| W         | 1.25mm +/-0.2mm (0.049 in +/-0.008 in) |
| T         | 1.3mm (0.051 in)                       |
| B         | 0.5mm +/-0.2mm (0.02 in +/-0.008 in)   |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 178mm, Plastic Tape |
| Packaging Quantity | 2500                     |

### General Information

|                         |  |
|-------------------------|--|
| Series                  | SMD Mil PRF55681   |
| Style                   | SMD Chip   |
| 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             | 70b0afbe-8a82-4f53-82b5-8603864419d4   |
| Termination             | Tin  |
| Failure Rate            | R (0.01%/1000 Hrs)   |
| Testing and Reliability | MIL-PRF-55681  |
| Qualifications          | MIL-PRF-55681  |
| AEC-Q200                | No   |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Specifications

|                         |            |
|-------------------------|------------|
| Capacitance             | 100 pF     |
| Capacitance Tolerance   | 1%         |
| Voltage DC              | 100 VDC    |
| Temperature Range       | -55/+125°C |
| Temperature Coefficient | BP         |

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