



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

### Dimensions

|           |   |
|-----------|---|
| Chip Size | 0805  |
| L         | 2.03mm +0.89/-0.38mm (0.08 in +0.035/-0.015 in) |
| W         | 1.27mm +0.76/-0.38mm (0.05 in +0.03/-0.015 in)  |
| T         | 0.98mm +0.8/-0.42mm (0.039 in +0.031/-0.017 in) |
| B         | 0.51mm +0.63/-0.25mm (0.02 in +0.025/-0.01 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             | de44f0ec-7e7c-4120-b42e-f63f667919b6   |
| Termination             | Lead (SnPb)  |
| Failure Rate            | M (1%/1000 Hrs)  |
| Testing and Reliability | MIL-PRF-55681  |
| Qualifications          | MIL-PRF-55681  |
| AEC-Q200                | No   |
| Miscellaneous           | Termination Description: SolderCoat 60-40.   |
| Shelf Life              | 78 Weeks   |
| MSL                     | 1  |

### Specifications

|                         |            |
|-------------------------|------------|
| Capacitance             | 47 pF      |
| Capacitance Tolerance   | 10%        |
| Voltage DC              | 100 VDC    |
| Temperature Range       | -55/+125°C |
| Temperature Coefficient | BP         |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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