



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

General Information

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|-------------------------|--|
| Series | SMD Mil PRF55681 |
| Style | SMD Chip |
| Description | Ceramic Chips, MIL PRF 55681 Established Reliability |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | de44f0ec-7e7c-4120-b42e-f63 f667919b6 |
| Termination | Lead (SnPb) |
| 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 |

Dimensions

| | |
|-----------|------------------|
| Chip Size | 1805 |
| L | 4.57mm +/-0.38mm |
| W | 1.27mm +/-0.38mm |
| T | 1.4mm MAX |
| B | 0.51mm +/-0.25mm |

Packaging Specifications

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|--------------------|--------------------------|
| Packaging | T&R, 178mm, Plastic Tape |
| Packaging Quantity | 4000 |

Specifications

| | |
|---------------------------------|------------|
| Capacitance | 0.01 uF |
| Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | BX |
| Dissipation Factor | 2.5% |
| Insulation Resistance | 100 GOhms |

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