



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 | 6d5c4aea-4874-4964-b195-433620b8c028 |
| Termination | Lead (SnPb) |
| Failure Rate | P (0.1%/1000 Hrs) |
| Testing and Reliability | MIL-PRF-55681 |
| Qualifications | MIL-PRF-55681 |
| AEC-Q200 | No |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 1825 |
| L | 4.5mm +/-0.30mm |
| W | 6.4mm +/-0.3mm |
| T | 1.5mm MAX |
| B | 0.5mm +/-0.30mm |

Packaging Specifications

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

Specifications

| | |
|---------------------------------|------------|
| Capacitance | 0.33 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | BP |
| Dissipation Factor | 0.15% |
| Insulation Resistance | 100 GOhms |

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