


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

General Information

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|--------------------------|--|
| Series | SMD MIL X7R PRF32535 |
| Style | SMD Chip |
| Description | SMD, MIL-PRF-32535 |
| RoHS | No |
| Prop 65 | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/ |
| SCIP Number | d66873f5-e54d-410c-a0cf-ebf6fcf635b5 |
| Termination | Solder Plated |
| Failure Rate | N/A |
| Qualifications | MIL-PRF-32535 M-Level |
| AEC-Q200 | No |
| Typical Component Weight | 57 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Dimensions

| | |
|----------------------|--------------------|
| L | 3.2mm +0.3/-0.25mm |
| W | 1.6mm +0.3/-0.25mm |
| T | 1.8mm MAX |
| S | 1.5mm MIN |
| B | 0.51mm +/-0.36mm |
| Case Code (EIA / mm) | 1206 / 3216 |

Packaging Specifications

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|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 2500 |

Specifications

| | |
|--|---------------------|
| Capacitance | 2.2 uF |
| Tolerance | 10% |
| Voltage DC | 10 VDC |
| Dielectric Withstanding Voltage | 25 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 5% 1kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 227.3 MOhms |

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