



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

Dimensions

| | |
|-----------|------------------|
| Chip Size | 2220 |
| L | 5.69mm +/-0.41mm |
| W | 5mm +/-0.41mm |
| T | 2.79mm MAX |
| B | 0.64mm +/-0.46mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 1000 |

General Information

| | |
|--------------------------|--|
| Series | SMD MIL X7R PRF32535 |
| Style | SMD Chip |
| Description | SMD, MIL-PRF-32535 |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://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 | 430 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

| | |
|--|---------------------|
| Capacitance | 3.3 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 3.5% 1kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 303 MOhms |