



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

Dimensions

| | |
|-----------|---|
| Chip Size | 1206 |
| L | 3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in) |
| W | 1.6mm +0.3/-0.25mm (0.063 in +0.012/-0.01 in) |
| T | 1.8mm MAX (0.071 in MAX) |
| B | 0.51mm +/-0.36mm (0.02 in +/-0.014 in) |

Packaging Specifications

| | |
|--------------------|--------|
| Packaging | Waffle |
| Packaging Quantity | 80 |

General Information

| | |
|------------------|--|
| Series | SMD MIL X7R PRF32535 |
| Style | SMD Chip |
| Description | SMD, Military, Low ESR, MIL-PRF-32535 |
| RoHS | No |
| Prop 65 | ⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov . |
| SCIP Number | d66873f5-e54d-410c-a0cf-ebf6fc635b5 |
| Termination | Solder Plated |
| Failure Rate | N/A |
| Qualifications | MIL-PRF-32535 |
| AEC-Q200 | No |
| Component Weight | 57 mg |

Specifications

| | |
|---------------------------------|---------------------|
| Capacitance | 1 uF |
| Capacitance Tolerance | 10% |
| Voltage DC | 16 VDC |
| Dielectric Withstanding Voltage | 40 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Dissipation Factor | 3.5% 1 MHz 25C |
| Aging Rate | 3% Loss/Decade Hour |
| Insulation Resistance | 500 MOhms |

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