



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

General Information

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|----------------|-------------------------------|
| Series | CAS SMD SFTY 250 |
| Style | SMD Chip |
| Description | Industrial Grade, Safety MLCC |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | TUV, UL, cUL |
| Halogen Free | Yes |
| Shelf Life | 52 Weeks |

Dimensions

| | |
|----------------------|-------------------|
| L | 4.5mm +0.5/-0.3mm |
| W | 2mm +/-0.25mm |
| T | 1.6mm +/-0.2mm |
| S | 3.5mm MIN |
| B | 0.5mm +/-0.25mm |
| Case Code (EIA / mm) | 1808 / 4520 |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 2000 |

Specifications

| | |
|--|-------------------|
| Capacitance | 220 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage AC | 250 VAC (X2) |
| 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 | 2.5% 1kHz 1.0Vrms |
| Insulation Resistance | 10 GOhms |
| Safety Class | X2 |

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