



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

| Dimensions | |
|------------|-------------------|
| Chip Size | 1808 |
| L | 4.5mm +0.5/-0.3mm |
| W | 2mm +/-0.25mm |
| T | 2mm +/-0.2mm |
| S | 3.5mm MIN |
| B | 0.5mm +/-0.25mm |

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

| General Information | |
|---------------------|-------------------------------|
| Series | CAS SMD SFTY 250 |
| Style | SMD Chip |
| Description | Industrial Grade, Safety MLCC |
| RoHS | Yes |
| Termination | Tin |
| Safety Class | X1/Y2 |
| Qualifications | ENEC, UL, IEC |
| AEC-Q200 | No |
| Halogen Free | Yes |

| Specifications | |
|--------------------------------------------------------------------|----------------------------|
| Capacitance | 120 pF |
| Measurement Condition | 1 MHz 1.0Vrms |
| Capacitance Tolerance | 1% |
| Voltage AC | 250 VAC (X1), 250 VAC (Y2) |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | COG |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz 1.0Vrms |
| Insulation Resistance | 100 GOhms |
| Quality Factor | 1000 |