

CAS SMD SFTY 250, Ceramic, 68 pF, 1%, COG, Industrial Grade, Safety MLCC, X1/Y2, 1812



| Dimensions | |
|------------|-------------------|
| Chip Size | 1812 |
| L | 4.5mm +0.5/-0.3mm |
| W | 3.2mm +/-0.4mm |
| T | 1.25mm +/-0.1mm |
| 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 |
| AEC-Q200: | No |
| Halogen Free: | Yes |

| Specifications | |
|---|----------------------------|
| Capacitance: | 68 pF |
| Measurement Condition: | 1 MHz 1Vrms |
| 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 |