



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        | X2                            |
| Qualifications      | ENEC, UL, IEC                 |
| AEC-Q200            | No                            |
| Halogen Free        | Yes                           |

| Specifications                                                     |                        |
|--------------------------------------------------------------------|------------------------|
| Capacitance                                                        | 270 pF                 |
| Measurement Condition                                              | 1 MHz 1.0Vrms          |
| Capacitance Tolerance                                              | 2%                     |
| Voltage AC                                                         | 250 VAC (X2)           |
| 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                   |