



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

## General Information

|                |                               |
|----------------|-------------------------------|
| Series         | CAS SMD SFTY 250              |
| Style          | SMD Chip                      |
| Description    | Industrial Grade, Safety MLCC |
| RoHS           | Yes                           |
| Termination    | Tin                           |
| Qualifications | TUV, UL, cUL                  |
| AEC-Q200       | No                            |
| Halogen Free   | Yes                           |
| Shelf Life     | 52 Weeks                      |

## Dimensions

|           |                |
|-----------|----------------|
| Chip Size | 2211           |
| L         | 5.7mm +/-0.4mm |
| W         | 2.8mm +/-0.3mm |
| T         | 2mm +/-0.2mm   |
| S         | 4mm MIN        |
| B         | 0.6mm +/-0.3mm |

## Packaging Specifications

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

## Specifications

|  |                            |
|--|----------------------------|
| Capacitance  | 820 pF                     |
| Measurement Condition  | 1 kHz 1.0Vrms              |
| Tolerance  | 20%                        |
| Voltage AC   | 250 VAC (X1), 250 VAC (Y2) |
| 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%                       |
| Insulation Resistance  | 10 GOhms                   |
| Safety Class   | X1/Y2                      |

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