



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  | 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 |

| Specifications   |                        |
|--|------------------------|
| Capacitance  | 12 pF                  |
| Measurement Condition  | 1 MHz 1.0Vrms          |
| Tolerance  | 5%                     |
| Voltage AC   | 250 VAC (X2)           |
| Temperature Range  | -55/+125°C             |
| Temp. 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   | 640                    |
| Safety Class   | X2                     |

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