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**General Information**

|                |                               |
|----------------|-------------------------------|
| Series         | CAS SMD SFTY 250              |
| Style          | SMD Chip                      |
| Description    | Industrial Grade, Safety MLCC |
| RoHS           | Yes                           |
| Termination    | Tin                           |
| Qualifications | TUV, UL, cUL                  |
| Halogen Free   | Yes                           |
| Shelf Life     | 52 Weeks                      |

**Dimensions**

|                      |                |
|----------------------|----------------|
| L                    | 5.7mm +/-0.4mm |
| W                    | 5mm +/-0.4mm   |
| T                    | 2mm +/-0.2mm   |
| S                    | 4mm MIN        |
| B                    | 0.6mm +/-0.3mm |
| Case Code (EIA / mm) | 2220 / 5651    |

**Packaging Specifications**

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

**Specifications**

|                                                                    |                            |
|--------------------------------------------------------------------|----------------------------|
| Capacitance                                                        | 390 pF                     |
| Measurement Condition                                              | 1 kHz 1.0Vrms              |
| Tolerance                                                          | 10%                        |
| 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% 1kHz 1.0Vrms          |
| Insulation Resistance                                              | 10 GOhms                   |
| Safety Class                                                       | X1/Y2                      |

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