

CAS SMD SFTY 250, Ceramic, 3900 pF, 10%, X7R, Industrial Grade, Safety MLCC, X2, 1812



**Dimensions**

| Dimensions |                   |
|------------|-------------------|
| Chip Size  | 1812              |
| L          | 4.5mm +0.5/-0.3mm |
| W          | 3.2mm +/-0.4mm    |
| T          | 2.5mm +/-0.3mm    |
| S          | 3.5mm MIN         |
| B          | 0.5mm +/-0.25mm   |

**Packaging Specifications**

|                     |     |
|---------------------|-----|
| Packaging:          | T&R |
| Packaging Quantity: | 500 |

**General Information**

|               |                               |
|---------------|-------------------------------|
| Series:       | CAS SMD SFTY 250              |
| Style:        | SMD Chip                      |
| Description:  | Industrial Grade, Safety MLCC |
| RoHS:         | Yes                           |
| Termination:  | Tin                           |
| Safety Class: | X2                            |
| AEC-Q200:     | No                            |
| Halogen Free: | Yes                           |

**Specifications**

|   |                    |
|---|--------------------|
| Capacitance:  | 3900 pF            |
| Measurement Condition:  | 1 kHz 1Vrms        |
| Capacitance Tolerance:  | 10%                |
| Voltage AC:   | 250 VAC (X2)       |
| Temperature Range:  | -55/+125°C         |
| Temperature Coefficient:  | X7R                |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 15%, 1kHz 1.0Vrms  |
| Dissipation Factor:   | 2.5% 1 kHz 1.0Vrms |
| Insulation Resistance:  | 10 GOhms           |