



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

**General Information**

|                          |                             |
|--------------------------|-----------------------------|
| Series                   | CAN SMD Indust 250          |
| Style                    | SMD Chip                    |
| Description              | SMD Chip, MLCC, AC Rated    |
| Features                 | Temperature Stable, Class I |
| RoHS                     | Yes                         |
| Termination              | Tin                         |
| Marking                  | No                          |
| AEC-Q200                 | No                          |
| Typical Component Weight | 87 mg                       |
| Shelf Life               | 78 Weeks                    |
| MSL                      | 1                           |

**Dimensions**

|           |                 |
|-----------|-----------------|
| Chip Size | 1812            |
| L         | 4.5mm +/-0.3mm  |
| W         | 3.2mm +/-0.3mm  |
| T         | 2.5mm +/-0.20mm |
| S         | 2.3mm MIN       |
| B         | 0.6mm +/-0.35mm |

**Packaging Specifications**

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 330mm, Plastic Tape |
| Packaging Quantity | 2000                     |

**Specifications**

|  |                     |
|--|---------------------|
| Capacitance  | 0.039 uF            |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 20%                 |
| Voltage AC   | 250 VAC             |
| Dielectric Withstanding Voltage                                    | 945 VDC             |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | COG                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms   |
| Dissipation Factor   | 0.1% 1 kHz 1.0Vrms  |
| Aging Rate   | 0% Loss/Decade Hour |
| Insulation Resistance  | 10 GOhms            |

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