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#### 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 | 4.6 mg                      |
| Shelf Life               | 78 Weeks                    |
| MSL                      | 1                           |

#### Dimensions

|           |                  |
|-----------|------------------|
| Chip Size | 0603             |
| L         | 1.6mm +/-0.15mm  |
| W         | 0.8mm +/-0.15mm  |
| T         | 0.8mm +/-0.10mm  |
| S         | 0.5mm MIN        |
| B         | 0.35mm +/-0.15mm |

#### Packaging Specifications

|                    |                        |
|--------------------|------------------------|
| Packaging          | T&R, 330mm, Paper Tape |
| Packaging Quantity | 15000                  |

#### Specifications

|  |                      |
|--|----------------------|
| Capacitance  | 180 pF               |
| Measurement Condition  | 1 MHz 1.0Vrms        |
| Tolerance  | 5%                   |
| 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%, 1MegaHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms   |
| Aging Rate   | 0% Loss/Decade Hour  |
| Insulation Resistance  | 10 GOhms             |

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