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#### General Information

|                          |                              |
|--------------------------|------------------------------|
| Series                   | CAN SMD Indust 250           |
| Style                    | SMD Chip                     |
| Description              | SMD Chip, MLCC, AC Rated     |
| Features                 | Temperature Stable, Class II |
| RoHS                     | Yes                          |
| Termination              | Tin                          |
| Marking                  | No                           |
| AEC-Q200                 | No                           |
| Typical Component Weight | 6.5 mg                       |
| Shelf Life               | 78 Weeks                     |
| MSL                      | 1                            |

#### Specifications

|  |   |
|--|---|
| Capacitance  | 1,200 pF  |
| Measurement Condition  | 1 kHz 1.0Vrms                                   |
| Tolerance  | 20%   |
| Voltage AC   | 250 VAC   |
| Dielectric Withstanding Voltage                                    | 945 VDC   |
| 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% 1 kHz 1.0Vrms                              |
| Aging Rate   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance  | 8.3333 GOhms                                    |

#### 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                  |

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