



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

#### General Information

|                |  |
|----------------|--|
| Series         | RSB  |
| Dielectric     | Metallized Polyester Stacked                     |
| Style          | Radial   |
| Features       | Automotive Grade, DC Multipurpose Applications   |
| RoHS           | Yes  |
| Termination    | Cut (Tinned Wire)                                |
| Lead           | Cut  |
| Qualifications | AEC-Q200   |
| AEC-Q200       | Yes  |
| Miscellaneous  | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

#### Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 1,000 pF                           |
| Tolerance             | 5%                                 |
| Voltage DC            | 500 VDC                            |
| Voltage AC            | 220 VAC                            |
| Temperature Range     | -55/ +125°C                        |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 30 GOhms                           |
| Max dV/dt             | 700 V/us                           |
| Inductance            | 7 nH                               |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 7.2mm +0.2mm    |
| H  | 6.5mm +0.1mm    |
| T  | 2.5mm +0.2mm    |
| S  | 5mm +/-0.4mm    |
| LL | 4mm +1.5mm      |
| F  | 0.5mm +/-0.05mm |

#### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 3000 |

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