



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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 7.2mm +0.2mm      |
| H  | 6.5mm +0.1mm      |
| T  | 2.5mm +0.2mm      |
| S  | 5mm +/-0.4mm      |
| LL | 3.2mm +0.3/-0.2mm |
| F  | 0.5mm +/-0.05mm   |

### Packaging Specifications

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

### General Information

|                  |  |
|------------------|--|
| Series           | RSB  |
| Dielectric       | Metallized Polyester Stacked                     |
| Style            | Radial   |
| Features         | Automotive Grade, DC Multipurpose Applications   |
| RoHS             | Yes  |
| Lead             | Cut  |
| Qualifications   | AEC-Q200   |
| AEC-Q200         | Yes  |
| Component Weight | 0.23 g   |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.047 uF                           |
| Capacitance Tolerance | 10%                                |
| Voltage AC            | 63 VAC                             |
| Voltage DC            | 100 VDC                            |
| Temperature Range     | -55/+125°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 15 GOhms                           |
| Max dV/dt             | 300 V/us                           |
| Inductance            | 7 nH                               |