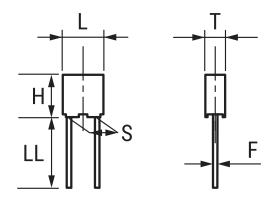


R82DC4100AA60J

Aliases (82DC4100AA60J) R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 5%, 63 VDC, 85°C, 5 mm



Click here for the 3D model.

| 7.2mm +0.3/-0.5mm |
|-------------------|
| 10mm +0.1/-0.5mm  |
| 5mm +0.1/-0.5mm   |
| 5mm +/-0.4mm      |
| 4mm +1.5mm        |
| 0.5mm +/-0.05mm   |
|                   |

## **Packaging Specifications**

| Packaging          | Bulk |
|--------------------|------|
| Packaging Quantity | 1000 |

| General Information      |   |
|--------------------------|---|
| Series                   | R82   |
| Dielectric               | Metallized Polyester Stacked                        |
| Style                    | Radial  |
| Features                 | Automotive Grade, DC<br>Multipurpose Applications   |
| RoHS                     | Yes   |
| Termination              | Cut (Tinned Wire)                                   |
| Lead                     | Cut   |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 0.539 g   |
| Miscellaneous            | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C. |

| Specifications        |                       |
|-----------------------|-----------------------|
| Capacitance           | 1uF                   |
| Tolerance             | 5%                    |
| Voltage DC            | 63 VDC                |
| Voltage AC            | 40 VAC                |
| Temperature Range     | -55/+105°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 5 GOhms               |
| Max dV/dt             | 160 V/us              |
| Inductance            | 7 nH                  |

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