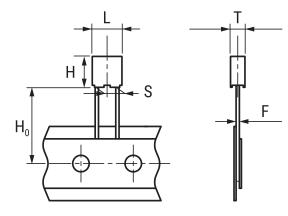


## R82DC3150CK60K

Aliases (82DC3150CK60K) R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.15 uF, 10%, 63 VDC, 85°C, 5 mm



Click here for the 3D model.

| Dimensions |                   |
|------------|-------------------|
| L          | 7.2mm +0.2/-0.5mm |
| н          | 6.5mm +0.1/-0.5mm |
| т          | 2.5mm +0.1/-0.5mm |
| S          | 5mm +/-0.4mm      |
| НО         | 18.5mm +/-0.5mm   |
| F          | 0.5mm +/-0.05mm   |
|            |                   |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 2500 |

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

| Specifications        |                       |
|-----------------------|-----------------------|
| Capacitance           | 0.15 uF               |
| Tolerance             | 10%                   |
| 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 | 15 GOhms              |
| Max dV/dt             | 160 V/us              |
| Inductance            | 7 nH                  |

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