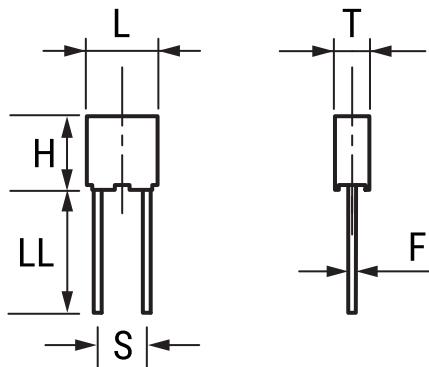


R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.01 uF, 5%, 250 VDC, 85°C, Lead Spacing = 5mm



| General Information | |
|---------------------|---|
| Series: | R82 |
| Dielectric: | Metallized Polyester Stacked |
| Style: | Radial |
| Features: | Automotive Grade, DC Multipurpose Applications |
| RoHS: | Yes |
| Lead: | Cut |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C |

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

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 3000 |

| Specifications | |
|------------------------|---------------------------------------|
| Capacitance: | 0.01 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 160 VAC |
| Voltage DC: | 250 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz |
| Insulation Resistance: | 30 GOhms |
| Max dV/dt: | 250 V/us |
| Inductance: | 7 nH |

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