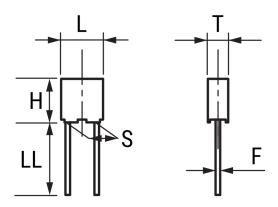


R82DC3100AA50K

Aliases (82DC3100AA50K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 63 VDC, 85°C, Lead Spacing = 5mm



Click here for the 3D model.

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

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

| 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 |
| Component Weight | 0.183 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications | | |
|-----------------------|------------------------------------|--|
| Capacitance | 0.1 uF | |
| Capacitance Tolerance | 10% | |
| Voltage AC | 40 VAC | |
| Voltage DC | 63 VDC | |
| Temperature Range | -55/+105°C | |
| Rated Temperature | 85°C | |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz | |
| Insulation Resistance | 15 GOhms | |
| Max dV/dt | 160 V/us | |
| Inductance | 7 nH | |

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