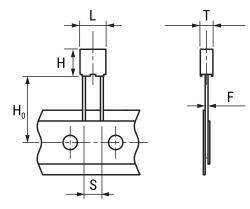
KEMET Part Number: R82DC3100DQ50K



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



| Dimensions | |
|------------|-----------------|
| L | 7.2mm +0.2mm |
| Н | 6.5mm +0.1mm |
| Т | 2.5mm +0.1mm |
| S | 5mm +0.6/-0.1mm |
| HO | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-------------------------|--|
| Packaging: | Ammo, 360x340x59mm, Box | |
| Packaging Quantity: | 3500 | |

| General Information | | |
|---------------------|--|--|
| Series: | R82 | |
| Dielectric: | Metallized Polyester Stacked | |
| Style: | Radial | |
| Features: | Automotive Grade, DC Multipurpose Applications | |
| RoHS: | Yes | |
| Lead: | Wire Leads | |
| Qualifications: | AEC-Q200 | |
| AEC-Q200: | Yes | |
| 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/+105C | |
| Rated Temperature: | 85°C | |
| Dissipation Factor: | 0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz | |
| Insulation Resistance: | 15 GOhms | |
| Max dV/dt: | 160 V/us | |
| Inductance: | 7 nH | |

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