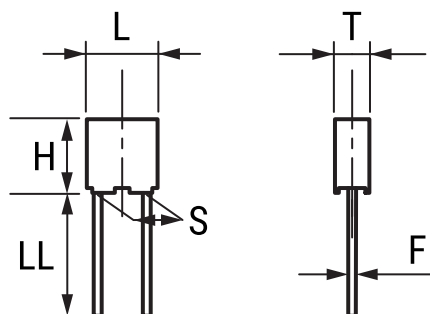


KEMET Part Number: R82EC4100Z370J
(82EC4100Z370J)



R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 5%, 100 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: | Wire Leads |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|-----------|-----------------|
| L | 7.2mm +0.3mm |
| H | 11mm +0.1mm |
| T | 6mm +0.1mm |
| S | 5mm +/-0.4mm |
| LL | 17mm +1/-2mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

| | |
|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 1000 |

Specifications

| | |
|-------------------------------|-----------------------|
| Capacitance: | 1 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 63 VAC |
| Voltage DC: | 100 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance: | 5 GOhms |
| Max dV/dt: | 200 V/us |
| Inductance: | 7 nH |

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