

KEMET Part Number: R82EC1100CK50K
(82EC1100CK50K)

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R82, Film, Metallized Polyester Stacked, Automotive Grade, 1000 pF, 10%, 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 +0.2mm |
| H | 6.5mm +0.1mm |
| T | 2.5mm +0.1mm |
| S | 5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |

| Specifications | |
|------------------------|------------------------------------|
| Capacitance: | 1000 pF |
| Capacitance Tolerance: | 10% |
| 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, 2.5% 100kHz |
| Insulation Resistance: | 15 GOhms |
| Max dV/dt: | 200 V/us |
| Inductance: | 7 nH |

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

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