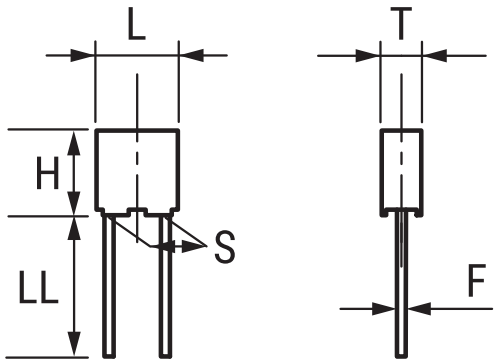
# R82MC2470Z350K

Aliases (82MC2470Z350K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.047 uF, 10%, 400 VDC, 85°C, 5 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | R82 |
| Dielectric | Metallized Polyester Stacked |
| Style | Radial |
| Features | Automotive Grade, DC Multipurpose Applications |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 0.95 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

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

| Packaging Specifications | |
|---|---|
| Packaging | Bulk |
| Packaging Quantity | 1000 |

| Specifications | |
|---|---|
| Capacitance | 0.047 uF |
| Tolerance | 10% |
| Voltage DC | 400 VDC |
| Voltage AC | 200 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 400 V/us |
| Inductance | 7 nH |

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