

R82EC4100JB70J

Aliases (82EC4100JB70J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



Click [here](#) for the 3D model.

Dimensions

| | |
|----|-----------------|
| L | 7.2mm +0.3mm |
| H | 11mm +0.1mm |
| T | 6mm +0.1mm |
| S | 5mm +/-0.4mm |
| LL | 3.5mm +0.5mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 2000 |

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 |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

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 |