

R60DF4100506AJ

Aliases (60DF4100506AJ)

R60, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 5%, 63 VDC, 85°C, 10 mm



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

General Information

| | |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Series | R60 |
| 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 | 0.889 g |
| Miscellaneous | Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 9mm +0.1/-0.5mm |
| T | 4mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 1800 |

Specifications

| | |
|-----------------------|------------|
| Capacitance | 1 uF |
| Tolerance | 5% |
| Voltage DC | 63 VDC |
| Voltage AC | 40 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 1% 1kHz |
| Insulation Resistance | 1.25 GOhms |
| Max dV/dt | 50 V/us |
| Inductance | 9 nH |

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