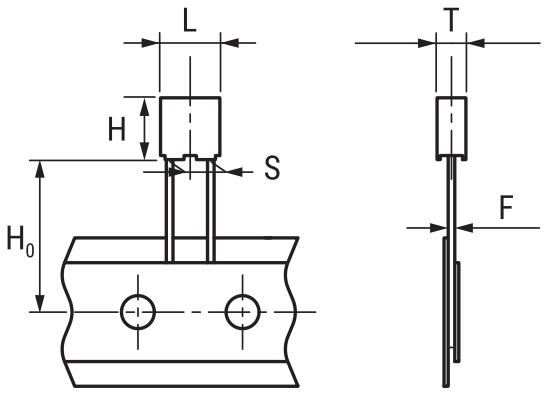
# R82DC4100DQ60J

Aliases (82DC4100DQ60J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 5%, 63 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 |
| Typical Component Weight | 0.53 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions | |
|---|---|
| L | 7.2mm +0.3/-0.5mm |
| H | 10mm +0.1/-0.5mm |
| T | 5mm +0.1/-0.5mm |
| S | 5mm +/-0.4mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |

| Packaging Specifications | |
|---|---|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1700 |

| 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 | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 5 GOhms |
| Max dV/dt | 160 V/us |
| Inductance | 7 nH |

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