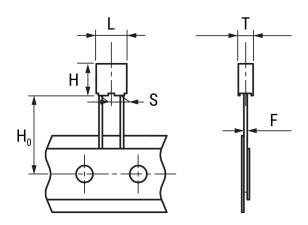


R82MC2470DQ50J

Aliases (82MC2470DQ50J)

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



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| L | 7.2mm +0.3mm |
| Н | 11mm +0.1mm |
| Т | 6mm +0.1mm |
| S | 5mm +0.6/-0.1mm |
| НО | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-------------------------|--|
| Packaging | Ammo, 360x340x59mm, Box | |
| Packaging Quantity | 1400 | |

| 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 |
| Component Weight | 0.95 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications | | | |
|-----------------------|------------------------------------|--|--|
| Capacitance | 0.047 uF | | |
| Capacitance Tolerance | 5% | | |
| Voltage AC | 200 VAC | | |
| Voltage DC | 400 VDC | | |
| 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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