

R75QI2470DQ00J

Aliases (75QI2470DQ00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 18mm +/-0.5mm |
| Н | 13.5mm +0.1/-0.5mm |
| Т | 7.5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| НО | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 500 |

| General Information | | |
|---------------------|--|--|
| Series | R75 | |
| Dielectric | Metallized Polypropylene | |
| Style | Radial | |
| Features | Automotive Grade, Pulse | |
| RoHS | Yes | |
| Lead | Wire Leads | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Component Weight | 2.4 g | |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. | |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.047 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 250 VAC |
| Voltage DC | 1000 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 2000 V/us |
| Resistance | 23.7 mOhms (100kHz) |
| Ripple Current | 4.08 Amps (100kHz 85C), 94 Amps (Peak) |
| Inductance | 10 nH |

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