

R71MF2470AA00J

Aliases (71MF2470AA00J)

R71, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 420 VDC, 105°C, 10mm



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

Dimensions

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

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 2000 |

General Information

| | |
|--------------------------|------------------------------------------------|
| Series | R71 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | PFC and Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| AEC-Q200 | No |
| Typical Component Weight | 0.61 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

Specifications

| | |
|-----------------------|-------------------------------------------|
| Capacitance | 0.047 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 420 VDC |
| Voltage AC | 220 VAC |
| Temperature Range | -40/+110°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.1% 25C |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 250 V/us |
| ESR | 846.6 mOhms (100kHz) |
| Ripple Current | 0.37 Amps (100kHz 85C), 11.75 Amps (Peak) |
| Inductance | 9 nH |