

R71PI2470DQ00K

Aliases (71PI2470DQ00K)

R71, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 10%, 630 VDC, 105°C, Lead Spacing = 15mm



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

Dimensions

| | |
|----------------|------------------|
| L | 18mm +0.3/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 800 |

General Information

| | |
|------------------|--|
| Series | R71 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | PFC and Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Component Weight | 1.597 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 0.047 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 275 VAC |
| Voltage DC | 630 VDC |
| Temperature Range | -40/+110°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.1% 25C |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 250 V/us |
| Resistance | 846.6 mOhms (100kHz) |
| Ripple Current | 0.44 Amps (100kHz 85C), 11.75 Amps (Peak) |
| Inductance | 10 nH |

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