

R71XN447050H0K

Aliases (71XN447050H0K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 4.7 uF, 10%, 450 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| Н | 22mm +0.1/-0.5mm |
| Т | 13mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 200 |

| General Information | |
|---------------------|--|
| Series | R71H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | PFC and Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 9.2 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

| Specifications | |
|--------------------------|---|
| Capacitance | 4.7 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 160 VAC |
| Voltage DC | 450 VDC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.15% 25C |
| Insulation Resistance | 6.383 GOhms |
| Max dV/dt | 70 V/us |
| Resistance | 10.84 mOhms (100kHz) |
| Ripple Current | 7.669 Amps (100kHz 85C), 329 Amps (Peak) |
| Inductance | 16 nH |

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