

R71PF3100AAH6K

Aliases (71PF3100AAH6K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 630 VDC, 85°C, Lead Spacing = 10mm



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

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 5mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 1300 |

General Information

| | |
|------------------|--|
| Series | R71H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | PFC and Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 1g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 0.1uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 220 VAC |
| Voltage DC | 630 VDC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.1% 25C |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 260 V/us |
| Resistance | 198.9 mOhms (100kHz) |
| Ripple Current | 1.206 Amps (100kHz 85C), 26 Amps (Peak) |
| Inductance | 9 nH |