

R71VF31004030K

Aliases (71VF31004030K)

R71, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 520 VDC, 105°C, 10 mm



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

General Information

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|--------------------------|--|
| Series | R71 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | PFC and Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Typical Component Weight | 1 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

Dimensions

| | |
|----|------------------|
| L | 13mm +0.2/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 5mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 30mm +5mm |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

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|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 1500 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.1 uF |
| Tolerance | 10% |
| Voltage DC | 520 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -40/+110°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.1% 25C |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 300 V/us |
| ESR | 397.9 mOhms (100kHz) |
| Ripple Current | 0.56 Amps (100kHz 85C), 30 Amps (Peak) |
| Inductance | 9 nH |

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