

R76PI2270JE30K

Aliases (76PI2270JE30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.027 μ F, 10%, 630 VDC, 85°C, 15 mm



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

General Information

| | |
|----------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |

Dimensions

| | |
|----|------------------|
| L | 18mm +0.3/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 4mm +0.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.027 μ F |
| Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 400 VAC |
| Temperature Range | -55/+110°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 3,000 V/us |
| ESR | 23.58 mOhms (100kHz) |
| Ripple Current | 3.8 Amps (100kHz 85°C), 81 Amps (Peak) |
| Inductance | 10 nH |

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