

R75TW4150AA30K

Aliases (75TW4150AA30K)

R75, Film, Metallized Polypropylene, General Purpose, 1.5 uF, 10%, 1,600 VDC, 85°C, 37.5 mm



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

General Information

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|--------------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| AEC-Q200 | No |
| Typical Component Weight | 68.69 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|----|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| H | 45mm +0.1/-0.7mm |
| T | 30mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 1mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 90 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1.5 uF |
| Tolerance | 10% |
| Voltage DC | 1600 VDC |
| Voltage AC | 650 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.06% 1kHz |
| Insulation Resistance | 20 GOhms |
| Max dV/dt | 750 V/us |
| ESR | 3.2 mOhms (100kHz) |
| Ripple Current | 19.8 Amps (100kHz 85C), 1125 Amps (Peak) |
| Inductance | 20 nH |

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