



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

General Information

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|--------------------------|--|
| Series | R74 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| AEC-Q200 | No |
| Typical Component Weight | 13.7 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

Specifications

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|-----------------------|--|
| Capacitance | 0.47 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 1300 VDC |
| Voltage AC | 400 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 63.8298 GOhms |
| Max dV/dt | 380 V/us |
| ESR | 20.3 mOhms (100kHz) |
| Ripple Current | 6.1 Amps (100kHz 85C), 179 Amps (Peak) |
| Inductance | 18 nH |

Dimensions

| | |
|----|------------------|
| L | 32mm +0.3/-0.7mm |
| H | 28mm +0.1/-0.7mm |
| T | 14mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 352 |