

R75PR415050H3J

Aliases (75PR415050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 630 VDC, 105°C, 27.5 mm



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

General Information

| | |
|--------------------------|---|
| Series | R75H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 15.4 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

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|-----------------------|--|
| Capacitance | 1.5 uF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.06% 1kHz |
| Insulation Resistance | 20 GOhms |
| Max dV/dt | 180 V/us |
| ESR | 10.6 mOhms (100kHz) |
| Ripple Current | 8.5 Amps (100kHz 90C), 270 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 | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 176 |

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