

R75UI18050H4J

Aliases (75UI18050H4J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1,800 pF, 5%, 2,000 VDC, 105°C, 15 mm



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General Information

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|--------------------------|---|
| Series | R75H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| Typical Component Weight | 1.2 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|----|------------------|
| L | 18mm +0.3/-0.5mm |
| H | 10mm +0.1/-0.5mm |
| T | 4mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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

Specifications

| | |
|-----------------------|--|
| Capacitance | 1,800 pF |
| Tolerance | 5% |
| Voltage DC | 2000 VDC |
| Voltage AC | 700 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 9,500 V/us |
| ESR | 442.1 mOhms (100kHz) |
| Ripple Current | 0.79 Amps (100kHz 90C), 17 Amps (Peak) |
| Inductance | 10 nH |

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