

R75II347050H4J

Aliases (75II347050H4J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.47 uF, 5%, 250 VDC, 105°C, 15mm



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

Dimensions

| | |
|----|--------------------|
| L | 18mm +/-0.5mm |
| H | 13.5mm +0.1/-0.5mm |
| T | 7.5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 700 |

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 | 2.5 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 0.47 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 250 VDC |
| Voltage AC | 160 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 63.8298 GOhms |
| Max dV/dt | 310 V/us |
| ESR | 10.16 mOhms (100kHz) |
| Ripple Current | 6.23 Amps (100kHz 90C), 146 Amps (Peak) |
| Inductance | 10 nH |