

R75PI33905030J

Aliases (75PI33905030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.39 uF, 5%, 630 VDC, 85°C, 15mm



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

| Dimensions | |
|------------|------------------|
| L | 18mm +0.5/-0.5mm |
| H | 19mm +0.1/-0.5mm |
| T | 11mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.4mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 350 |

| General Information | |
|--------------------------|--|
| Series | R75 |
| 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 | 5 g |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.39 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 76.9231 GOhms |
| Max dV/dt | 1000 V/us |
| ESR | 12.24 mOhms (100kHz) |
| Ripple Current | 6.371 Amps (100kHz 85C), 390 Amps (Peak) |
| Inductance | 10 nH |

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