

R75TN31005030J

Aliases (75TN31005030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| н | 22mm +0.1/-0.5mm |
| т | 13mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 200 |

| General Information | | |
|---------------------|--|--|
| Series | R75 | |
| Dielectric | Metallized Polypropylene | |
| Style | Radial | |
| Features | Automotive Grade, Pulse | |
| RoHS | Yes | |
| Lead | Wire Leads | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. | |

| Specifications | |
|-----------------------|---|
| Capacitance | 0.1 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 650 VAC |
| Voltage DC | 1600 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 3000 V/us |
| Resistance | 11.1 mOhms (100kHz) |
| Ripple Current | 7.56 Amps (100kHz 85C), 300 Amps (Peak) |
| Inductance | 18 nH |

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