

R75TN239050H3J

Aliases (75TN239050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.039 uF, 5%, 1600 VDC, 105°C, 22.5mm



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

Dimensions

| | |
|----|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 16mm +0.1/-0.5mm |
| T | 7mm +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 | 500 |

General Information

| | |
|--------------------------|---|
| Series | R75H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 3.7 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 0.039 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 1600 VDC |
| Voltage AC | 650 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 | 3000 V/us |
| ESR | 81.6 mOhms (100kHz) |
| Ripple Current | 4.89 Amps (100kHz 90C), 117 Amps (Peak) |
| Inductance | 16 nH |