

R75TI227050H3J

Aliases (75TI227050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.027 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 15mm



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| Dimensions | |
|------------|------------------|
| L | 18mm +/-0.5mm |
| Н | 16mm +0.1/-0.5mm |
| Т | 10mm +0.2/-0.5mm |
| S | 15mm +/-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 |
| Component Weight | 4.1 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications | |
|-----------------------|---|
| <u> </u> | 0.027 uF |
| Capacitance | |
| Capacitance Tolerance | 5% |
| Voltage AC | 650 VAC |
| Voltage DC | 1600 VDC |
| 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 | 6000 V/us |
| Resistance | 41.3 mOhms (100kHz) |
| Ripple Current | 3.92 Amps (100kHz 90C), 162 Amps (Peak) |
| Inductance | 10 nH |

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