

R75GI368050H6J

Aliases (75GI368050H6J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 160 VDC, 105°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | , |
|------------|------------------|
| L | 18mm +/-0.5mm |
| Н | 12mm +0.1/-0.5mm |
| Т | 13mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 490 |

| 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 | 3.8 g | |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. | |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.68 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 90 VAC |
| Voltage DC | 160 VDC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 44.1176 GOhms |
| Max dV/dt | 120 V/us |
| Resistance | 7.02 mOhms (100kHz) |
| Ripple Current | 7.96 Amps (100kHz 90C), 82 Amps (Peak) |
| Inductance | 10 nH |

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