

R75II3820JH40J

Aliases (75II3820JH40J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.82 uF, 5%, 250 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | , |
|------------|-------------------|
| L | 18mm +/-0.5mm |
| Н | 16mm +0.1/-0.5mm |
| Т | 10mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 3.2mm +0.3/-0.2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 750 |

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

| Specifications | |
|-----------------------|---|
| Capacitance | 0.82 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 160 VAC |
| Voltage DC | 250 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 36.5854 GOhms |
| Max dV/dt | 300 V/us |
| Resistance | 5.8 mOhms (100kHz) |
| Ripple Current | 8.83 Amps (100kHz 85C), 254 Amps (Peak) |
| Inductance | 10 nH |

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