

R75II3680AA80J

Aliases (75II3680AA80J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 250 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | , |
|------------|------------------|
| L | 18mm +/-0.5mm |
| Н | 12mm +0.1/-0.5mm |
| Т | 13mm +0.1/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 4mm +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 | 0.68 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 | 44.1176 GOhms |
| Max dV/dt | 300 V/us |
| Resistance | 7 mOhms (100kHz) |
| Ripple Current | 7.96 Amps (100kHz 85C), 211 Amps (Peak) |
| Inductance | 10 nH |

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