

R75QI2100AA00J

Aliases (75QI2100AA00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | , |
|------------|------------------|
| L | 18mm +0.3/-0.5mm |
| Н | 11mm +0.1/-0.5mm |
| Т | 5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.4mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 2000 | |

| General Information | |
|---------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 1.2 g |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

| Specifications | |
|-----------------------|---|
| Capacitance | 0.01 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 250 VAC |
| Voltage DC | 1000 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 2000 V/us |
| Resistance | 79.58 mOhms (100kHz) |
| Ripple Current | 1.571 Amps (100kHz 85C), 20 Amps (Peak) |
| Inductance | 10 nH |

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