

R75QR4100AA00K

Aliases (75QR4100AA00K)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 1,000 VDC, 85°C, 27.5 mm



Click [here](#) for the 3D model.

General Information

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|--------------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| AEC-Q200 | No |
| Typical Component Weight | 22.81 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|----|------------------|
| L | 32mm +0.3/-0.7mm |
| H | 33mm +0.1/-0.7mm |
| T | 18mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 256 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1 uF |
| Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Voltage AC | 300 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 350 V/us |
| ESR | 8 mOhms (100kHz) |
| Ripple Current | 10.47 Amps (100kHz 85C), 350 Amps (Peak) |
| Inductance | 18 nH |

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