

R75IW5100AA40K

Aliases (75IW5100AA40K)

R75, Film, Metallized Polypropylene, General Purpose, 10 uF, 10%, 250 VDC, 85°C, Lead Spacing = 37.5mm



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

Dimensions

| | |
|----|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| H | 32mm +0.1/-0.7mm |
| T | 19mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 1mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 192 |

General Information

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|------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Lead | Cut |
| AEC-Q200 | No |
| Component Weight | 30.28 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

| | |
|-----------------------|--|
| Capacitance | 10 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 160 VAC |
| Voltage DC | 250 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.1% 1kHz |
| Insulation Resistance | 3 GOhms |
| Max dV/dt | 40 V/us |
| Resistance | 4.8 mOhms (100kHz) |
| Ripple Current | 14.23 Amps (100kHz 85C), 400 Amps (Peak) |
| Inductance | 20 nH |