

R75MW427050L3J

Aliases (75MW427050L3J)

R75, Film, Metallized Polypropylene, General Purpose, 2.7 uF, 5%, 400 VDC, 85°C, 37.5 mm



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

General Information

| | |
|--------------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Typical Component Weight | 15.4 g |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

Dimensions

| | |
|----|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| H | 15mm +0.1/-0.7mm |
| T | 24mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 1mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 108 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 2.7 uF |
| Tolerance | 5% |
| Voltage DC | 400 VDC |
| Voltage AC | 220 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.06% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 11.1111 GOhms |
| Max dV/dt | 70 V/us |
| ESR | 8.8 mOhms (100kHz) |
| Ripple Current | 9.632 Amps (100kHz 85C), 189 Amps (Peak) |
| Inductance | 20 nH |

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