

R75PR410050L3J

Aliases (75PR410050L3J)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC, 85°C, Lead Spacing = 27.5mm



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

Dimensions

| | |
|----|------------------|
| L | 32mm +0.3/-0.7mm |
| H | 15mm +0.1/-0.7mm |
| T | 24mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.4mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 144 |

General Information

| | |
|------------------|---|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Component Weight | 12.3 g |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C. |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 250 VAC |
| Voltage DC | 630 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 210 V/us |
| Resistance | 7.958 mOhms (100kHz) |
| Ripple Current | 9.624 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance | 18 nH |