

R75UR2470AA30J

Aliases (75UR2470AA30J)

R75, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 2000 VDC, 85°C, Lead Spacing = 27.5mm



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

Dimensions

| | |
|----|------------------|
| L | 32mm +0.3/-0.7mm |
| H | 17mm +0.1/-0.7mm |
| T | 9mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | Tray |
| Packaging Quantity | 816 |

General Information

| | |
|------------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Lead | Cut |
| AEC-Q200 | No |
| Component Weight | 5.88 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.047 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 700 VAC |
| Voltage DC | 2000 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 1000 V/us |
| Resistance | 16.9 mOhms (100kHz) |
| Ripple Current | 5.81 Amps (100kHz 85C), 94 Amps (Peak) |
| Inductance | 18 nH |