

R76TR3100SE30K

Aliases (76TR3100SE30K)

R76, Film, Double Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 27.5mm



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

| Dimensions | |
|------------|------------------|
| L | 32mm +0.3/-0.7mm |
| H | 20mm +0.1/-0.7mm |
| T | 11mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Tray |
| Packaging Quantity | 560 |

| General Information | |
|---------------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Pulse |
| RoHS | Yes |
| Lead | Cut |
| AEC-Q200 | No |
| Component Weight | 9.4 g |

| Specifications | |
|-----------------------|--|
| Capacitance | 0.1 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 650 VAC |
| Voltage DC | 1600 VDC |
| Temperature Range | -55/+110°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 2000 V/us |
| Resistance | 11.14 mOhms (100kHz) |
| Ripple Current | 7.6 Amps (100kHz 85C), 200 Amps (Peak) |
| Inductance | 18 nH |