

R76IN3820SE30J

Aliases (76IN3820SE30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.82 uF, 5%, 250 VDC, 85°C, 22.5 mm



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

General Information

| | |
|--------------------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 5.9 g |

Dimensions

| | |
|----|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 18.5mm +0.1/-0.5mm |
| T | 10mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 396 |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 0.82 uF |
| Tolerance | 5% |
| Voltage DC | 250 VDC |
| Voltage AC | 180 VAC |
| Temperature Range | -55/+110°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.03% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 36.5854 GOhms |
| Max dV/dt | 300 V/us |
| ESR | 3.88 mOhms (100kHz) |
| Ripple Current | 12 Amps (100kHz 85C), 246 Amps (Peak) |
| Inductance | 16 nH |

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