

R76QN2680JH30J

Aliases (76QN2680JH30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.068 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| Н | 17mm +0.1/-0.5mm |
| Т | 8.5mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 3.2mm +0.3/-0.2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 468 | |

| General Information | |
|---------------------|---------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 4.5 g |

| Specifications | | |
|-----------------------|--|--|
| Capacitance | 0.068 uF | |
| Capacitance Tolerance | 5% | |
| Voltage AC | 600 VAC | |
| Voltage DC | 1000 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 | 2100 V/us | |
| Resistance | 16.38 mOhms (100kHz) | |
| Ripple Current | 5.6 Amps (100kHz 85C), 143 Amps (Peak) | |
| Inductance | 16 nH | |

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