

R60PN3680AA40K

Aliases (60PN3680AA40K)

R60, Film, Metallized Polyester, Automotive Grade, 0.68 uF, 10%, 630 VDC, 85°C, 22.5 mm



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

General Information

| | |
|--------------------------|---|
| Series | R60 |
| Dielectric | Metallized Polyester |
| Style | Radial |
| Features | Automotive Grade, DC Multipurpose Applications |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 7.8 g |
| Miscellaneous | Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C. |

Dimensions

| | |
|----|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 20mm +0.1/-0.5mm |
| T | 11mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 4mm +1.5mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 360 |

Specifications

| | |
|-----------------------|------------|
| Capacitance | 0.68 uF |
| Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 220 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 1% 1kHz |
| Insulation Resistance | 10 GOhms |
| Max dV/dt | 12 V/us |
| Inductance | 18 nH |

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