

R60GF3680AA6AM

Aliases (60GF3680AA6AM)

R60, Film, Metallized Polyester Stacked, Automotive Grade, 0.68 uF, 20%, 160 VDC, 85°C, Lead Spacing = 10mm



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

| Dimensions | |
|------------|-----------------|
| L | 13mm +0.2mm |
| H | 12mm +0.1mm |
| T | 6mm +0.2mm |
| S | 10mm +/-0.4mm |
| LL | 4mm +1.5mm |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 1000 |

| General Information | |
|---------------------|---|
| Series | R60 |
| Dielectric | Metallized Polyester Stacked |
| Style | Radial |
| Features | Automotive Grade, DC Multipurpose Applications |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 1.708 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. |

| Specifications | |
|-----------------------|------------|
| Capacitance | 0.68 uF |
| Capacitance Tolerance | 20% |
| Voltage AC | 90 VAC |
| Voltage DC | 160 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 1% 1kHz |
| Insulation Resistance | 10 GOhms |
| Max dV/dt | 100 V/us |
| Inductance | 9 nH |

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