

R66PD1680AA10J

Aliases (66PD1680AA10J)

R66, Film, Metallized Polyester, Automotive Grade, 6800 pF, 5%, 630 VDC, 85°C, 7.5mm



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

| General Information | |
|--------------------------|--|
| Series | R66 |
| 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 | 0.64 g |
| Miscellaneous | Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions | |
|------------|-----------------|
| L | 10mm +0.2mm |
| H | 9mm +0.1mm |
| T | 4mm +0.1mm |
| S | 7.5mm +/-0.4mm |
| LL | 4mm +1.5mm |
| F | 0.6mm +/-0.05mm |

| Specifications | |
|-----------------------|---------------------|
| Capacitance | 6800 pF |
| Capacitance Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 220 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 40 V/us |
| Inductance | 8 nH |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 2000 |

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