

R76TF16805050J

Aliases (76TF16805050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions | , |
|------------|------------------|
| L | 13mm +0.2/-0.5mm |
| Н | 12mm +0.1/-0.5mm |
| Т | 6mm +0.2/-0.5mm |
| S | 10mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |
| Packaging Quantity | 1200 | |

| General Information | | |
|---------------------|---------------------------------|--|
| Series | R76 | |
| Dielectric | Double Metallized Polypropylene | |
| Style | Radial | |
| Features | Automotive Grade, Pulse | |
| RoHS | Yes | |
| Lead | Wire Leads | |
| Qualifications | AEC-Q200 | |
| AEC-Q200 | Yes | |
| Component Weight | 1.4 g | |

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 6800 pF |
| Capacitance Tolerance | 5% |
| Voltage AC | 650 VAC |
| Voltage DC | 1600 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 | 8000 V/us |
| Resistance | 93.62 mOhms (100kHz) |
| Ripple Current | 1.8 Amps (100kHz 85C), 54 Amps (Peak) |
| Inductance | 9 nH |

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