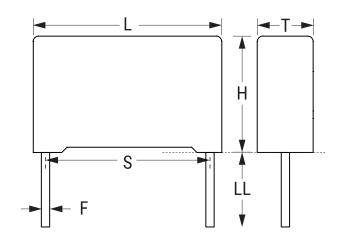


R76PI28205050J

Aliases (76PI28205050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.082 uF, 5%, 630 VDC, 85°C , $15\,\text{mm}$



| Click here | for the | 3D model. |
|------------|---------|-----------|

| General Information | |
|--------------------------|------------------------------------|
| Series | R76 |
| Dielectric | Double Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 2.5 g |

| Dimensions | |
|------------|--------------------|
| L | 18mm +0.5/-0.5mm |
| Н | 13.5mm +0.1/-0.5mm |
| Т | 7.5mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |
| | |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 700 |

| Specifications | |
|-----------------------|---|
| Capacitance | 0.082 uF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 400 VAC |
| 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 | 3,000 V/us |
| ESR | 13.59 mOhms (100kHz) |
| Ripple Current | 5.4 Amps (100kHz 85C), 246 Amps (Peak) |
| Inductance | 10 nH |

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