

KEMET Part Number: R76QI28205050J
(76QI28205050J)

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R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.082 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 15mm



Dimensions

| Dimension | Value |
|-----------|------------------|
| L | 18mm +0.5/-0.5mm |
| H | 16mm +0.1/-0.5mm |
| T | 10mm +0.2/-0.5mm |
| S | 15mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 500 |

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 |

Specifications

| | |
|-------------------------------|--|
| Capacitance: | 0.082 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 600 VAC |
| Voltage DC: | 1000 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: | 3500 V/us |
| Resistance: | 13.59 mOhms (100kHz) |
| Ripple Current: | 5.779 Amps (100kHz 85C), 287 Amps (Peak) |
| Inductance: | 10 nH |

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