

KEMET Part Number: R76PD2100SE30J
(76PD2100SE30J)

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R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 630 VDC, 85°C, Lead Spacing = 7.5mm



| General Information | |
|---------------------|---------------------------------|
| Series: | R76 |
| Dielectric: | Double Metallized Polypropylene |
| Style: | Radial |
| Features: | Automotive Grade, Pulse |
| RoHS: | Yes |
| Lead: | Cut |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Component Weight: | 1.13 g |

| Dimensions | |
|------------|--------------------|
| L | 10.5mm +0.2/-0.5mm |
| H | 12mm +0.1/-0.5mm |
| T | 6mm +0.1/-0.5mm |
| S | 7.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.6mm +/-0.05mm |

| Specifications | |
|------------------------|---------------------------------------|
| Capacitance: | 0.01 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 250 VAC |
| Voltage DC: | 630 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: | 2800 V/us |
| Resistance: | 63.66 mOhms (100kHz) |
| Ripple Current: | 1.6 Amps (100kHz 85C), 28 Amps (Peak) |
| Inductance: | 8 nH |

| Packaging Specifications | |
|--------------------------|------|
| Packaging: | Bulk |
| Packaging Quantity: | 1000 |

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