

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 400 VDC, 85C, Lead Spacing = 7.5mm



**Dimensions**

L	10mm +0.2mm
H	9mm +0.1mm
T	4mm +0.1mm
S	7.5mm +/-0.4mm
LL	17mm +1/-2mm
F	0.6mm +/-0.05mm

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	1500

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	R76
<b>Dielectric:</b>	Double Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	Automotive Grade, Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Miscellaneous:</b>	Voltage Derating: 1.35%/C Above 75C (AC), 1.25%/C Above 85C (DC)

**Specifications**

<b>Capacitance:</b>	0.01 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	250 VAC
<b>Voltage DC:</b>	400 VDC
<b>Temperature Range:</b>	-55/+105C
<b>Rated Temperature:</b>	85C
<b>Dissipation Factor:</b>	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	1700 V/us
<b>Inductance:</b>	8 nH