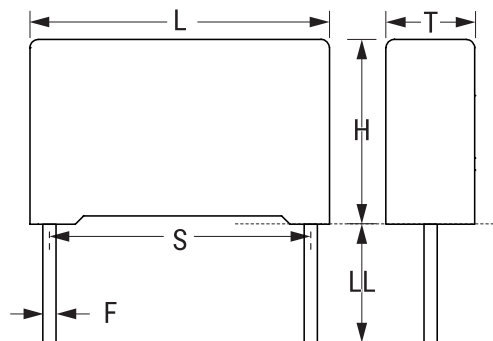


**KEMET Part Number: R76PW410050H3J**  
(76PW410050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 630 VDC, 105°C, Lead Spacing = 37.5mm



#### Dimensions

Dimension	Value
L	41.5mm +0.3/-0.7mm
H	28.5mm +0.1/-0.7mm
T	16mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

#### Packaging Specifications

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	108

#### General Information

<b>Series:</b>	R76H
<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

#### Specifications

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	400 VAC
<b>Voltage DC:</b>	630 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Rated Temperature:</b>	105°C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.06% 10kHz
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dV/dt:</b>	450 V/us
<b>Resistance:</b>	7.2 mOhms (100kHz)
<b>Ripple Current:</b>	9.76 Amps (100kHz 100C), 450 Amps (Peak)
<b>Inductance:</b>	20 nH