

**KEMET Part Number: R76QI24705040J**  
(76QI24705040J)

**KEMET**  
a YAGEO company

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 15mm



#### Dimensions

Dimension	Value
L	18mm +/-0.5mm
H	14.5mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

#### Packaging Specifications

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	500

#### General Information

<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

#### Specifications

<b>Capacitance:</b>	0.047 uF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage AC:</b>	600 VAC
<b>Voltage DC:</b>	1000 VDC
<b>Temperature Range:</b>	-55/+110°C
<b>Rated Temperature:</b>	85°C
<b>Dissipation Factor:</b>	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
<b>Insulation Resistance:</b>	100 GOhms
<b>Max dV/dt:</b>	3500 V/us
<b>Resistance:</b>	13.5 mOhms (100kHz)
<b>Ripple Current:</b>	5.56 Amps (100kHz 85C), 155 Amps (Peak)
<b>Inductance:</b>	10 nH

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