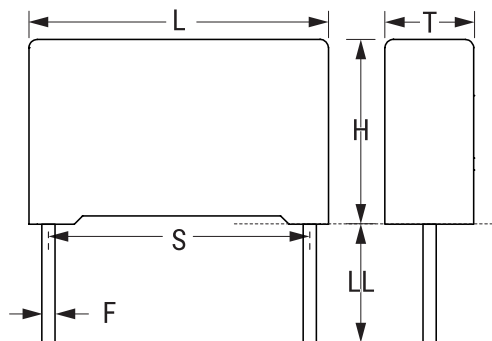


**KEMET Part Number: R76QD0470SE00K**  
(76QD0470SE00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 470 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



**Dimensions**

Dimension	Value
L	10mm +0.2/-0.5mm
H	8mm +0.1/-0.5mm
T	3mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm

**Packaging Specifications**

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

**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>	470 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	400 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>	6000 V/us
<b>Resistance:</b>	1355 mOhms (100kHz)
<b>Ripple Current:</b>	0.12 Amps (100kHz 85C), 3 Amps (Peak)
<b>Inductance:</b>	8 nH