

**KEMET Part Number: R76QI2470CK40K**  
(76QI2470CK40K)

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a YAGEO company

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 15mm



General Information	
Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	3.42 g

Dimensions	
L	18mm +/-0.5mm
H	14.5mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.047 uF
Capacitance Tolerance:	10%
Voltage AC:	600 VAC
Voltage DC:	1000 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:	3500 V/us
Resistance:	13.55 mOhms (100kHz)
Ripple Current:	5.6 Amps (100kHz 85C), 165 Amps (Peak)
Inductance:	10 nH

Packaging Specifications	
Packaging:	T&R, Large
Packaging Quantity:	700

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