

**KEMET Part Number: R71PI410050H6K**  
(71PI410050H6K)

**KEMET**

a YAGEO company

R71H, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 10%, 630 VDC, 85°C, Lead Spacing = 15mm



#### Dimensions

L	18mm +/-0.5mm
H	19mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

#### Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	350

#### General Information

Series:	R71H
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	4.9 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

#### Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	220 VAC
Voltage DC:	630 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	30 GOhms
Max dV/dt:	170 V/us
Resistance:	35.81 mOhms (100kHz)
Ripple Current:	3.725 Amps (100kHz 85C), 170 Amps (Peak)
Inductance:	10 nH

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