

**KEMET Part Number: R71MI41004030K**  
(71MI41004030K)

**KEMET**

a YAGEO company

R71, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 420 VDC, 105°C, Lead Spacing = 15mm



### General Information

<b>Series:</b>	R71
<b>Dielectric:</b>	Metallized Polypropylene
<b>Style:</b>	Radial
<b>Features:</b>	PFC and Pulse
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>AEC-Q200:</b>	No
<b>Component Weight:</b>	3.95 g
<b>Miscellaneous:</b>	Above 105C DC And AC Voltage Derating Is 4%/C.

### Dimensions

<b>L</b>	18mm +/-0.5mm
<b>H</b>	16mm +0.1/-0.5mm
<b>T</b>	10mm +0.2/-0.5mm
<b>S</b>	15mm +/-0.4mm
<b>LL</b>	30mm +5mm
<b>F</b>	0.8mm +/-0.05mm

### Packaging Specifications

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

### Specifications

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	220 VAC
<b>Voltage DC:</b>	420 VDC
<b>Temperature Range:</b>	-40/+110°C
<b>Rated Temperature:</b>	105°C
<b>Dissipation Factor:</b>	0.1% 25C
<b>Insulation Resistance:</b>	30 GOhms
<b>Max dV/dt:</b>	160 V/us
<b>Resistance:</b>	71.6 mOhms (100kHz)
<b>Ripple Current:</b>	1.6 Amps (100kHz 85C), 160 Amps (Peak)
<b>Inductance:</b>	10 nH

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