

**KEMET Part Number: R71MI4100AA30K**  
(71MI4100AA30K)

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a YAGEO company

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



General Information	
Series:	R71
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Cut
AEC-Q200:	No
Component Weight:	3.852 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions	
L	18mm +/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	750

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

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