

## R71MI4100JH30K

## Aliases (71MI4100JH30K)

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



Click here for the 3D model.

Dimensions	
L	18mm +/-0.5mm
н	16mm +0.1/-0.5mm
т	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	750	

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.	

Capacitance1 uFCapacitance Tolerance10%Voltage AC220 VACVoltage DC420 VDCTemperature Range-40/+110°CRated Temperature105°CDissipation Factor0.1% 25CInsulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Specifications	
Voltage AC220 VACVoltage DC420 VDCTemperature Range-40/+110°CRated Temperature105°CDissipation Factor0.1% 25CInsulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Capacitance	1uF
Voltage DC420 VDCTemperature Range-40/+110°CRated Temperature105°CDissipation Factor0.1% 25CInsulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Capacitance Tolerance	10%
Temperature Range-40/+110°CRated Temperature105°CDissipation Factor0.1% 25CInsulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Voltage AC	220 VAC
Rated Temperature105°CDissipation Factor0.1% 25CInsulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Voltage DC	420 VDC
Dissipation Factor0.1% 25CInsulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Temperature Range	-40/+110°C
Insulation Resistance30 GOhmsMax dV/dt160 V/usResistance71.6 mOhms (100kHz)	Rated Temperature	105°C
Max dV/dt160 V/usResistance71.6 mOhms (100kHz)	Dissipation Factor	0.1% 25C
Resistance 71.6 mOhms (100kHz)	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)	Ripple Current	1.6 Amps (100kHz 85C), 160 Amps (Peak)
Inductance 10 nH	Inductance	10 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.