

R71MI4100JH30K

Aliases (71MI4100JH30K)

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



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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

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