

## R71PI4100DQH6M

Aliases (71PI4100DQH6M)

R71H, Film, Metallized Polypropylene, Automotive Grade, 1uF, 20%, 630 VDC, 85°C, Lead Spacing = 15mm



Click [here](#) for the 3D model.

### Dimensions

L	18mm +/-0.5mm
H	19mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	340

### General Information

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

### Specifications

Capacitance	1 uF
Capacitance Tolerance	20%
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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