

## R71VI4100JBH6K

Aliases (71VI4100JBH6K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 1 $\mu$ F, 10%, 520 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

L	18mm +/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	3.5mm +0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	750

### General Information

Series	R71H
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	3.9 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Specifications

Capacitance	1 $\mu$ F
Capacitance Tolerance	10%
Voltage AC	200 VAC
Voltage DC	520 VDC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.1% 25C
Insulation Resistance	30 GOhms
Max dV/dt	140 V/us
Resistance	35.81 mOhms (100kHz)
Ripple Current	3.56 Amps (100kHz 85C), 140 Amps (Peak)
Inductance	10 nH