

## R71XN410050H0K

Aliases (71XN410050H0K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 1uF, 10%, 450 VDC, 85°C, Lead Spacing = 22.5mm



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

### Dimensions

L	26.5mm +0.3/-0.5mm
H	15mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

### General Information

Series	R71H
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.7 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Specifications

Capacitance	1uF
Capacitance Tolerance	10%
Voltage AC	160 VAC
Voltage DC	450 VDC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.1% 25C
Insulation Resistance	30 GOhms
Max dV/dt	70 V/us
Resistance	50.93 mOhms (100kHz)
Ripple Current	3,007 Amps (100kHz 85C), 70 Amps (Peak)
Inductance	16 nH