

R71XI410050H0K

Aliases (71XI410050H0K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 1uF, 10%, 450 VDC, 85°C, 15mm



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Dimensions	
L	18mm +/-0.5mm
H	13.5mm +0.1/-0.5mm
T	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	700

General Information	
Series	R71H
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	2.5 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications	
Capacitance	1 uF
Capacitance Tolerance	10%
Voltage DC	450 VDC
Voltage AC	160 VAC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.1% 25C
Insulation Resistance	30 GOhms
Max dV/dt	100 V/us
ESR	35.81 mOhms (100kHz)
Ripple Current	3.32 Amps (100kHz 85C), 100 Amps (Peak)
Inductance	10 nH

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