

R71PR510050H6K

Aliases (71PR510050H6K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 10 uF, 10%, 630 VDC, 85°C, Lead Spacing = 27.5mm



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

Dimensions

L	32mm +0.3/-0.7mm
H	37mm +0.1/-0.7mm
T	22mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	112

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	31.8 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	10 uF
Capacitance Tolerance	10%
Voltage AC	220 VAC
Voltage DC	630 VDC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.15% 25C
Insulation Resistance	3 GOhms
Max dV/dt	80 V/us
Resistance	10.19 mOhms (100kHz)
Ripple Current	9.725 Amps (100kHz 85C), 800 Amps (Peak)
Inductance	18 nH