

R71XR468050H0K

Aliases (71XR468050H0K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 6.8 uF, 10%, 450 VDC, 85°C, 27.5 mm



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General Information

Series	R71H
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	11.6 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions

L	32mm +0.3/-0.7mm
H	22mm +0.1/-0.7mm
T	13mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	288

Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	450 VDC
Voltage AC	160 VAC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.15% 25C
Insulation Resistance	4.4118 GOhms
Max dV/dt	50 V/us
ESR	9.362 mOhms (100kHz)
Ripple Current	8.571 Amps (100kHz 85C), 340 Amps (Peak)
Inductance	18 nH

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