

R71VR4680JHH6K

Aliases (71VR4680JHH6K)

R71H, Film, Metallized Polypropylene, Automotive Grade, 6.8 uF, 10%, 520 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	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	16.3 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	520 VDC
Voltage AC	200 VAC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.15% 25C
Insulation Resistance	4.4118 GOhms
Max dV/dt	70 V/us
ESR	9.362 mOhms (100kHz)
Ripple Current	9.05 Amps (100kHz 85C), 476 Amps (Peak)
Inductance	18 nH

Dimensions

L	32mm +0.3/-0.7mm
H	28mm +0.1/-0.7mm
T	14mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	352

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