

**KEMET Part Number: R71VR468050H6K**  
(71VR468050H6K)

**KEMET**

a YAGEO company

R71H, Film, Metallized Polypropylene, Automotive Grade, 6.8 uF, 10%, 520 VDC, 85°C, Lead Spacing = 27.5mm



#### 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	25mm +2/-1mm
F	0.8mm +/-0.05mm

#### Packaging Specifications

Packaging:	Tray
Packaging Quantity:	176

#### 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:	16.3 g
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

#### Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	10%
Voltage AC:	200 VAC
Voltage DC:	520 VDC
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
Resistance:	9.362 mOhms (100kHz)
Ripple Current:	9.05 Amps (100kHz 85C), 476 Amps (Peak)
Inductance:	18 nH

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