

## R71MR4680AA00K

Aliases (71MR4680AA00K)

R71, Film, Metallized Polypropylene, General Purpose, 6.8 uF, 10%, 420 VDC, 105°C, 27.5 mm



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

### General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	10.98 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### 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	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	168

### Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	420 VDC
Voltage AC	220 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	4.4118 GOhms
Max dV/dt	80 V/us
ESR	17.6 mOhms (100kHz)
Ripple Current	4.58 Amps (100kHz 85C), 544 Amps (Peak)
Inductance	18 nH

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