

R71MI3680AA40J

Aliases (71MI3680AA40J)

R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 420 VDC, 105°C, Lead Spacing = 15mm



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

Dimensions

L	18mm +0.3/-0.5mm
H	17.5mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1000

General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	2.5 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	0.68 uF
Capacitance Tolerance	5%
Voltage AC	220 VAC
Voltage DC	420 VDC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	44.1176 GOhms
Max dV/dt	160 V/us
Resistance	105.3 mOhms (100kHz)
Ripple Current	1.34 Amps (100kHz 85C), 108.8 Amps (Peak)
Inductance	10 nH