

## R75IR4680AA40K

Aliases (75IR4680AA40K)

R75, Film, Metallized Polypropylene, General Purpose, 6.8  $\mu$ F, 10%, 250 VDC, 85°C, Lead Spacing = 27.5mm



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

### Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	256

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	22.81 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	6.8 $\mu$ F
Capacitance Tolerance	10%
Voltage AC	160 VAC
Voltage DC	250 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	4.4118 GOhms
Max dV/dt	100 V/us
Resistance	7 mOhms (100kHz)
Ripple Current	11.14 Amps (100kHz 85C), 680 Amps (Peak)
Inductance	18 nH