

## R75RW3680AA30J

Aliases (75RW3680AA30J)

R75, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 1,250 VDC, 85°C, 37.5 mm



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

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	39.84 g

### Dimensions

L	41.5mm +0.3/-0.7mm
H	32mm +0.1/-0.7mm
T	19mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	192

### Specifications

Capacitance	0.68 uF
Tolerance	5%
Voltage DC	1250 VDC
Voltage AC	600 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	44.1176 GOhms
Max dV/dt	550 V/us
ESR	4.7 mOhms (100kHz)
Ripple Current	14.38 Amps (100kHz 85C), 374 Amps (Peak)
Inductance	20 nH

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