

## R74NR3680AA00J

Aliases (74NR3680AA00J)

Not for New Design

R74, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 1,300 VDC, 85°C, 27.5 mm



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

### General Information

Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	21.92 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

### Specifications

Capacitance	0.68 uF
Tolerance	5%
Voltage DC	1300 VDC
Voltage AC	400 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	380 V/us
ESR	14 mOhms (100kHz)
Ripple Current	7.4 Amps (100kHz 85C), 258 Amps (Peak)
Inductance	18 nH

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

### Packaging Specifications

Packaging	Tray
Packaging Quantity	352

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