

## R76QR3680JE30J

Aliases (76QR3680JE30J)

R76, Film, Double Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 27.5mm



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

### 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 +0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	168

### General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	36.26 g

### Specifications

Capacitance	0.68 uF
Capacitance Tolerance	5%
Voltage AC	600 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	44.1176 GOhms
Max dV/dt	1000 V/us
Resistance	7.02 mOhms (100kHz)
Ripple Current	11.7 Amps (100kHz 85C), 680 Amps (Peak)
Inductance	18 nH