

## R76MN3680SE30J

Aliases (76MN3680SE30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 400 VDC, 85°C, 22.5 mm



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

### General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	9.2 g

### Dimensions

L	26.5mm +0.3/-0.5mm
H	22mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	300

### Specifications

Capacitance	0.68 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	250 VAC
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	500 V/us
ESR	4.68 mOhms (100kHz)
Ripple Current	11.7 Amps (100kHz 85C), 340 Amps (Peak)
Inductance	16 nH

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