

## R76MN3680GYH3J

Aliases (76MN3680GYH3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 400 VDC, 105°C, Lead Spacing = 22.5mm



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

### 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
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	130

### General Information

Series	R76H
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
THB Performance	Yes
Component Weight	9.2 g

### Specifications

Capacitance	0.68 uF
Capacitance Tolerance	5%
Voltage AC	250 VAC
Voltage DC	400 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	44.118 GOhms
Max dV/dt	500 V/us
Resistance	4.68 mOhms (100kHz)
Ripple Current	10.23 Amps (100kHz 100C), 340 Amps (Peak)
Inductance	16 nH

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