

## R76MW468050H3J

Aliases (76MW468050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 6.8 uF, 5%, 400 VDC, 105°C, 37.5 mm



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

### General Information

Series	R76H
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	62.9 g

### Specifications

Capacitance	6.8 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	250 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	4.4118 GOhms
Max dV/dt	180 V/us
ESR	2.81 mOhms (100kHz)
Ripple Current	18.49 Amps (100kHz 100C), 1224 Amps (Peak)
Inductance	20 nH

### Dimensions

L	41.5mm +0.3/-0.7mm
H	45mm +0.1/-0.7mm
T	30mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	60

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