

R76IW468050H3J

Aliases (76IW468050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 6.8 uF, 5%, 250 VDC, 105°C, Lead Spacing = 37.5mm



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

Dimensions

L	41.5mm +0.3/-0.7mm
H	40mm +0.1/-0.7mm
T	20mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	84

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	40.9 g

Specifications

Capacitance	6.8 uF
Capacitance Tolerance	5%
Voltage AC	180 VAC
Voltage DC	250 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	4.4118 GOhms
Max dV/dt	100 V/us
Resistance	2.81 mOhms (100kHz)
Ripple Current	17.09 Amps (100kHz 100C), 680 Amps (Peak)
Inductance	20 nH