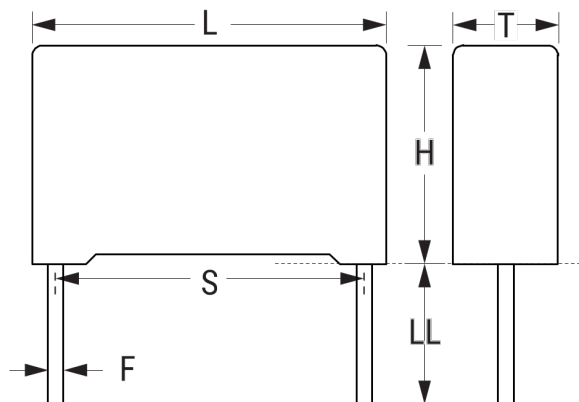


## R76TW412050H3J

Aliases (76TW412050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1.2 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 37.5mm



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

### 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

### 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	62.9 g

### Specifications

Capacitance	1.2 uF
Capacitance Tolerance	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	25 GOhms
Max dV/dt	1200 V/us
Resistance	5.31 mOhms (100kHz)
Ripple Current	13.45 Amps (100kHz 100C), 1440 Amps (Peak)
Inductance	20 nH