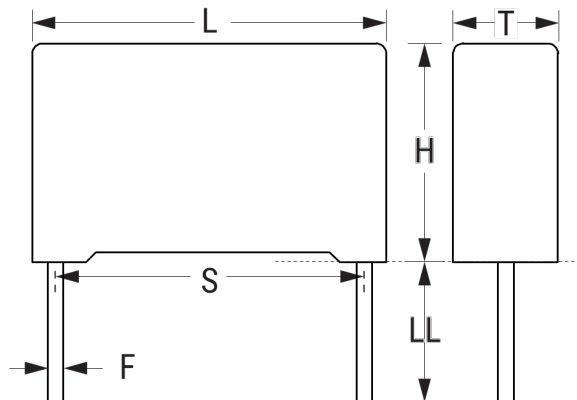


## R76MR415050H3J

Aliases (76MR415050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1.5  $\mu$ F, 5%, 400 VDC, 105°C, 27.5mm



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

### Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	128

### 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
Typical Component Weight	23.5 g

### Specifications

Capacitance	1.5 $\mu$ F
Capacitance Tolerance	5%
Voltage AC	250 VAC
Voltage DC	400 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	20 GOhms
Max dV/dt	300 V/us
ESR	4.24 mOhms (100kHz)
Ripple Current	12.57 Amps (100kHz 100C), 450 Amps (Peak)
Inductance	18 nH