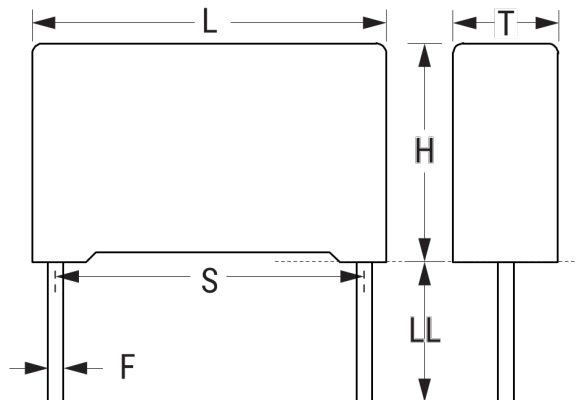


## R76TR327050H3J

Aliases (76TR327050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.27  $\mu$ F, 5%, 1600 VDC, 105°C, Lead Spacing = 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
Component Weight	23.5 g

### Specifications

Capacitance	0.27 $\mu$ F
Capacitance Tolerance	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	2000 V/us
Resistance	8.84 mOhms (100kHz)
Ripple Current	8.71 Amps (100kHz 100C), 540 Amps (Peak)
Inductance	18 nH