

## R76TR318050HLJ

Aliases (76TR318050HLJ)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 27.5mm



Click here for the 3D model.

Dimensions	
L	32mm +0.3/-0.7mm
н	15mm +0.1/-0.7mm
т	24mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Tray	
Packaging Quantity	144	

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	14.2 g

Specifications	
Capacitance	0.18 uF
Capacitance Tolerance	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
<b>Dissipation Factor</b>	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	2000 V/us
Resistance	13.26 mOhms (100kHz)
Ripple Current	6.54 Amps (100kHz 100C), 360 Amps (Peak)
Inductance	18 nH

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