

## R75RI227050H3J

Aliases (75RI227050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.027 uF, 5%, 1250 VDC, 105°C, 15mm



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

### Dimensions

L	18mm +/-0.5mm
H	14.5mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

### General Information

Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	3 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	0.027 uF
Capacitance Tolerance	5%
Voltage DC	1250 VDC
Voltage AC	600 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	3300 V/us
ESR	41.3 mOhms (100kHz)
Ripple Current	3.77 Amps (100kHz 90C), 89 Amps (Peak)
Inductance	10 nH