

## R75PW456050H3J

Aliases (75PW456050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 5.6 uF, 5%, 630 VDC, 105°C, 37.5 mm



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

### 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	51.1 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	5.6 uF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	250 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	5.3571 GOhms
Max dV/dt	90 V/us
ESR	4.3 mOhms (100kHz)
Ripple Current	16.5 Amps (100kHz 90C), 504 Amps (Peak)
Inductance	20 nH

### Dimensions

L	41.5mm +0.3/-0.7mm
H	44mm +0.1/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	72

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