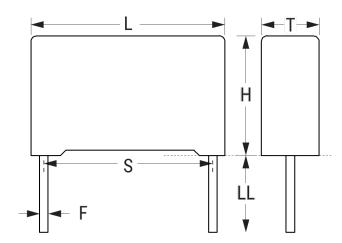


## R75TW382050H3J

Aliases (75TW382050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.82 uF, 5%, 1600 VDC, 105°C, 37.5mm



Click here for the 3D model.

Dimensions	
L	41.5mm +0.3/-0.7mm
Н	40mm +0.1/-0.7mm
Т	20mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	84	

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

Specifications	
Capacitance	0.82 uF
Capacitance Tolerance	5%
Voltage DC	1600 VDC
Voltage AC	650 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	36.5854 GOhms
Max dV/dt	750 V/us
ESR	1 mOhms (100kHz)
Ripple Current	16.57 Amps (100kHz 90C), 615 Amps (Peak)
Inductance	20 nH

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