

## R75MW510050H3J

Aliases (75MW510050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 10 uF, 5%, 400 VDC, 105 $^{\circ}$ C, 37.5 mm



Click here for the 3D model.

Dimensions	
L	41.5mm +0.3/-0.7mm
Н	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	

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

Specifications	
Capacitance	10 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	220 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	3 GOhms
Max dV/dt	70 V/us
ESR	4.8 mOhms (100kHz)
Ripple Current	15.59 Amps (100kHz 90C), 700 Amps (Peak)
Inductance	20 nH

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