

## R75RW412050H4J

Aliases (75RW412050H4J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1.2 uF, 5%, 1250 VDC, 105°C, 37.5mm



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

Dimensions	
L	41.5mm +0.3/-0.7mm
H	40mm +0.1/-0.7mm
T	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	40.5 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	1.2 uF
Capacitance Tolerance	5%
Voltage DC	1250 VDC
Voltage AC	600 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	25 GOhms
Max dV/dt	550 V/us
ESR	0.7 mOhms (100kHz)
Ripple Current	16.37 Amps (100kHz 90C), 660 Amps (Peak)
Inductance	20 nH