

## R75GI368050H6J

Aliases (75GI368050H6J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 160 VDC, 105°C, 15mm



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

Dimensions	
L	18mm +/-0.5mm
H	12mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	490

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

Specifications	
Capacitance	0.68 uF
Capacitance Tolerance	5%
Voltage DC	160 VDC
Voltage AC	90 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	44.1176 GOhms
Max dV/dt	120 V/us
ESR	7.02 mOhms (100kHz)
Ripple Current	7.96 Amps (100kHz 90C), 82 Amps (Peak)
Inductance	10 nH