

R75PI318050H7J

Aliases (75PI318050H7J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 630 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	0.18 uF
Capacitance Tolerance	5%
Voltage DC	630 VDC
Voltage AC	250 VAC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	1000 V/us
ESR	22.1 mOhms (100kHz)
Ripple Current	5.8 Amps (100kHz 90C), 180 Amps (Peak)
Inductance	10 nH