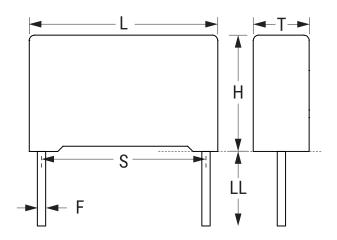


## R75PI315050H3J

Aliases (75PI315050H3J) R75H, Film, Metallized Polypropylene, Automotive Grade, 0.15 uF, 5%, 630 VDC, 105°C, 15 mm



Click here for the 3D model.

Dimensions	
L	18mm +/-0.5mm
н	14.5mm +0.1/-0.5mm
Т	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

## **Packaging Specifications**

Packaging QuantityBulk, Bag500

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

Capacitance0.15 uFTolerance5%Voltage DC630 VDCVoltage AC250 VACTemperature Range-55/+125°CRated Temperature005°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1.000 V/usESR0.6 mOhms(100 kHz) 000 MSRipple Current6.28 Amps(100 kHz 90C), 150 MS	Specifications	
NotationAndVoltage DC630 VDCVoltage AC250 VACTemperature Range-55/+125°CRated Temperature105°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1,000 V/usESR10.6 mOhms (100kHz)Ripple Current6.28 Amps (100kHz 90C), 150	Capacitance	0.15 uF
Voltage AC250 VACTemperature Range-55/+125°CRated Temperature105°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1,000 V/usESR10.6 mOhms (100kHz)Ripple Current6.28 Amps (100kHz 90C), 150	Tolerance	5%
Temperature Range-55/+125°CRated Temperature105°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1,000 V/usESR10.6 mOhms (100kHz)Ripple Current6.28 Amps (100kHz 90C), 150	Voltage DC	630 VDC
Rated Temperature105°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1,000 V/usESR10.6 mOhms (100kHz)Ripple Current6.28 Amps (100kHz 90C), 150	Voltage AC	250 VAC
Dissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1,000 V/usESR10.6 mOhms (100kHz)Ripple Current6.28 Amps (100kHz 90C), 150	Temperature Range	-55/+125°C
Insulation Resistance100 GOhmsMax dV/dt1,000 V/usESR10.6 mOhms (100kHz)Ripple Current6.28 Amps (100kHz 90C), 150	Rated Temperature	105°C
Max dV/dt 1,000 V/us   ESR 10.6 mOhms (100kHz)   Ripple Current 6.28 Amps (100kHz 90C), 150	Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
ESR 10.6 mOhms (100kHz)   Ripple Current 6.28 Amps (100kHz 90C), 150	Insulation Resistance	100 GOhms
Ripple Current6.28 Amps (100kHz 90C), 150	Max dV/dt	1,000 V/us
	ESR	10.6 mOhms (100kHz)
	Ripple Current	
Inductance 10 nH	Inductance	10 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.