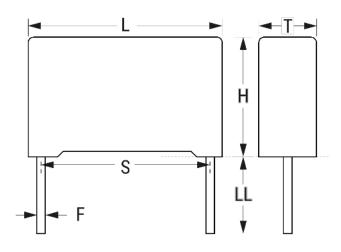


## R75TR315050L3J

Aliases (75TR315050L3J)

R75, Film, Metallized Polypropylene, General Purpose, 0.15 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

Dimensions	
L	32mm +0.3/-0.7mm
н	15mm +0.1/-0.7mm
Т	24mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.4mm

Packaging Specifications	
Packaging	Tray
Packaging Quantity	144

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	11.9 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Capacitance0.15 uFCapacitance Tolerance5%Voltage AC650 VACVoltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Specifications	
Tolerance5%Voltage AC650 VACVoltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Capacitance	0.15 uF
Voltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)		5%
Temperature Range-55/+105°CRated Temperature85°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Voltage AC	650 VAC
Rated Temperature85°CDissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Voltage DC	1600 VDC
Dissipation Factor0.05% 1kHz, 0.08% 10kHzInsulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Temperature Range	-55/+105°C
Insulation Resistance100 GOhmsMax dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Rated Temperature	85°C
Max dV/dt1500 V/usResistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	<b>Dissipation Factor</b>	0.05% 1kHz, 0.08% 10kHz
Resistance7.427 mOhms (100kHz)Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Insulation Resistance	100 GOhms
Ripple Current9.962 Amps (100kHz 85C), 225 Amps (Peak)	Max dV/dt	1500 V/us
(Peak)	Resistance	7.427 mOhms (100kHz)
	Ripple Current	
Inductance 18 nH	Inductance	18 nH

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