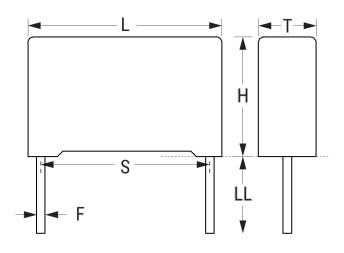


R76QI31005050J

Aliases (76QI31005050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 1000 VDC, 85°C, 15mm



Click here for the 3D model.

Dimensions	
L	18mm +0.5/-0.5mm
н	19mm +0.1/-0.5mm
Т	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	350	

General Information	
Series	R76
Dielectric	Double 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	5.2 g

Specifications	
Capacitance	0.1 uF
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	600 VAC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	3500 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	6.7 Amps (100kHz 85C), 350 Amps (Peak)
Inductance	10 nH

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