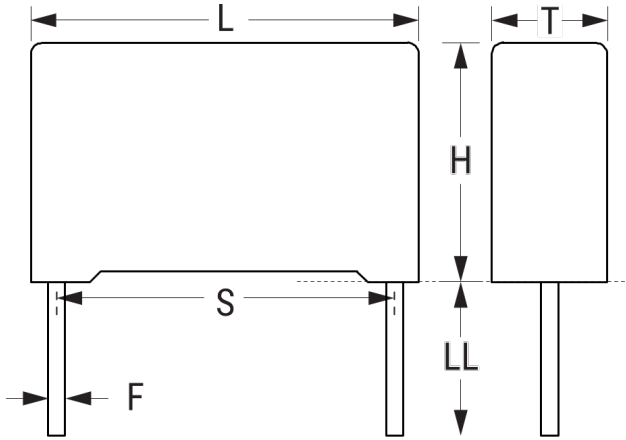


R76PI31004030J

Aliases (76PI31004030J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 630 VDC, 85°C, 15mm



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

Dimensions

L	18mm +/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

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	3.26 g

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	5%
Voltage DC	630 VDC
Voltage AC	400 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	3000 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	6.4 Amps (100kHz 85C), 300 Amps (Peak)
Inductance	10 nH