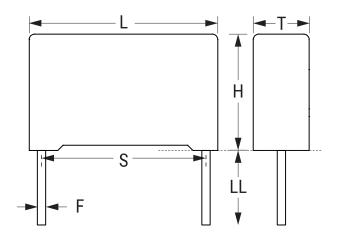


## R76MI31004030J

Aliases (76MI31004030J) R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 400 VDC, 85°C, 15 mm



Click here for the 3D model.

18mm +/-0.5mm
13.5mm +0.1/-0.5mm
7.5mm +0.2/-0.5mm
15mm +/-0.4mm
30mm +5mm
0.8mm +/-0.05mm

## **Packaging Specifications**

Packaging Quantity 700

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	2.3 g

Specifications	
Capacitance	0.1 uF
Tolerance	5%
Voltage DC	400 VDC
Voltage AC	250 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	900 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	6 Amps (100kHz 85C), 90 Amps (Peak)
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.