

## R76TI16805030J

## Aliases (76TI16805030J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



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Dimensions		
L	18mm +0.3/-0.5mm	
н	11mm +0.1/-0.5mm	
т	5mm +0.2/-0.5mm	
S	15mm +/-0.4mm	
LL	25mm +2/-1mm	
F	0.8mm +/-0.05mm	

## Packaging Specifications

Packaging Quantity 1000	

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.25 g

Specifications	
Capacitance	6800 pF
Capacitance Tolerance	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC
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	6000 V/us
Resistance	93.62 mOhms (100kHz)
Ripple Current	1.9 Amps (100kHz 85C), 41 Amps (Peak)
Inductance	10 nH

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