

## R76QN31805050J

Aliases (76QN31805050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 1,000 VDC, 85°C, 22.5 mm



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

### 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	6.84 g

### Dimensions

L	26.5mm +0.3/-0.5mm
H	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	250

### Specifications

Capacitance	0.18 uF
Tolerance	5%
Voltage DC	1000 VDC
Voltage AC	600 VAC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,100 V/us
ESR	13.26 mOhms (100kHz)
Ripple Current	6.7 Amps (100kHz 85C), 378 Amps (Peak)
Inductance	16 nH

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