

## R76QI22705040J

Aliases (76QI22705040J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.027  $\mu$ F, 5%, 1,000 VDC, 85°C, 15 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	1.429 g

### Dimensions

L	18mm $\pm$ 0.5mm
H	13.5mm $\pm$ 0.1/-0.5mm
T	7.5mm $\pm$ 0.2/-0.5mm
S	15mm $\pm$ 0.4mm
LL	25mm $\pm$ 2/-1mm
F	0.8mm $\pm$ 0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	700

### Specifications

Capacitance	0.027 $\mu$ F
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	3,500 V/us
ESR	23.58 mOhms (100kHz)
Ripple Current	4.1 Amps (100kHz 85C), 95 Amps (Peak)
Inductance	10 nH

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