

## R76QF1180JH00K

Aliases (76QF1180JH00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 1,800 pF, 10%, 1,000 VDC, 85°C, 10 mm



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

### General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes

### Dimensions

L	13mm +0.2/-0.5mm
H	9mm +0.1/-0.5mm
T	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	2000

### Specifications

Capacitance	1,800 pF
Tolerance	10%
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	6,500 V/us
ESR	353.68 mOhms (100kHz)
Ripple Current	0.7 Amps (100kHz 85°C), 12 Amps (Peak)
Inductance	9 nH

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