

## R76QW3180SEH3K

Aliases (76QW3180SEH3K)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.18 uF, 10%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



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

### Dimensions

L	41.5mm +0.3/-0.7mm
H	22mm +0.1/-0.7mm
T	11mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	420

### General Information

Series	R76H
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
THB Performance	Yes
Component Weight	10.4 g

### Specifications

Capacitance	0.18 uF
Capacitance Tolerance	10%
Voltage AC	600 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	500 V/us
Resistance	13.26 mOhms (100kHz)
Ripple Current	6.54 Amps (100kHz 100C), 90 Amps (Peak)
Inductance	20 nH

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