

R76MR4180SEH3K

Aliases (76MR4180SEH3K)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1.8 uF, 10%, 400 VDC, 105°C, Lead Spacing = 27.5mm



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

Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	256

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	23.5 g

Specifications

Capacitance	1.8 uF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	400 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz
Insulation Resistance	16.667 GOhms
Max dV/dt	300 V/us
Resistance	5.31 mOhms (100kHz)
Ripple Current	11.24 Amps (100kHz 100C), 540 Amps (Peak)
Inductance	18 nH