

R76MI3180SE70J

Aliases (76MI3180SE70J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.18 uF, 5%, 400 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +/-0.5mm
H	12mm +0.1/-0.5mm
T	13mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	750

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	3.8 g

Specifications	
Capacitance	0.18 uF
Capacitance Tolerance	5%
Voltage AC	250 VAC
Voltage DC	400 VDC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	900 V/us
Resistance	8.84 mOhms (100kHz)
Ripple Current	7.1 Amps (100kHz 85C), 162 Amps (Peak)
Inductance	10 nH