

R76PF2180SE30J

Aliases (76PF2180SE30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.018 uF, 5%, 630 VDC, 85° C, 10 mm



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

Click here for the 3D model.

13mm +0.2/-0.5mm
12mm +0.1/-0.5mm
6mm +0.2/-0.5mm
10mm +/-0.4mm
4mm +2mm
0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1000

Specifications	
Capacitance	0.018 uF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	400 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	4,000 V/us
ESR	35.37 mOhms (100kHz)
Ripple Current	3 Amps (100kHz 85C), 72 Amps (Peak)
Inductance	9 nH

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