

R76PF1680JB00J

Aliases (76PF1680JB00J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 630 VDC, 85°C, Lead Spacing = 10mm



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Dimensions	
L	13mm +0.2/-0.5mm
н	9mm +0.1/-0.5mm
т	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	3.5mm +0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	2000	

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	0.7 g

Specifications		
Capacitance	6800 pF	
Capacitance Tolerance	5%	
Voltage AC	400 VAC	
Voltage DC	630 VDC	
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	4000 V/us	
Resistance	93.62 mOhms (100kHz)	
Ripple Current	1.6 Amps (100kHz 85C), 27 Amps (Peak)	
Inductance	9 nH	

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