

R76PF1680Z300J

Aliases (76PF1680Z300J)

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



Click here for the 3D model.

Dimensions	
L	13mm +0.2/-0.5mm
Н	9mm +0.1/-0.5mm
т	4mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	17mm +1/-2mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging Quantity

2200

General Information	ı
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Voltage Derating: 1.25%/C Above 85C (DC).

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	1.649 Amps (100kHz 85C), 27 Amps (Peak)		
Inductance	9 nH		

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