

## R76QF1680CK30J

Aliases (76QF1680CK30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 10mm



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Dimensions		
L	13mm +0.2/-0.5mm	
Н	12mm +0.1/-0.5mm	
Т	6mm +0.2/-0.5mm	
S	10mm +/-0.4mm	
НО	18.5mm +/-0.5mm	
F	0.6mm +/-0.05mm	

Packaging Specifications		
Packaging	T&R, Large	
Packaging Quantity	1000	

General Information		
R76		
Double Metallized Polypropylene		
Radial		
Automotive Grade, Pulse		
Yes		
Wire Leads		
AEC-Q200		
Yes		

Specifications			
Capacitance	6800 pF		
Capacitance Tolerance	5%		
Voltage AC	600 VAC		
Voltage DC	1000 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	6500 V/us		
Resistance	93.62 mOhms (100kHz)		
Ripple Current	1.8 Amps (100kHz 85C), 44 Amps (Peak)		
Inductance	9 nH		

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