

R76QF1680DQ30K

Aliases (76QF1680DQ30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 10%, 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 Packaging Quantity Ammo, 360x340x59mm, Box 680

General Information		
Series	R76	
Dielectric	Double Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Component Weight	1.3 g	

Specifications		
Capacitance	6800 pF	
Capacitance Tolerance	10%	
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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