

R76PF1680GY00K

Aliases (76PF1680GY00K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 6800 pF, 10%, 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
НО	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	T&R
Packaging Quantity	750

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	

Specifications		
Capacitance	6800 pF	
Capacitance Tolerance	10%	
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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