

R76MD1820DQ40K

Aliases (76MD1820DQ40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 8200 pF, 10%, 400 VDC, 85°C, Lead Spacing = 7.5mm



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Dimensions	
L	10mm +0.2/-0.5mm
Н	9mm +0.1/-0.5mm
Т	4mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
НО	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications		
Packaging	Ammo, 360x340x59mm, Box	
Packaging Quantity	2100	

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	8200 pF		
Capacitance Tolerance	10%		
Voltage AC	250 VAC		
Voltage DC	400 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	1700 V/us		
Resistance	77.64 mOhms (100kHz)		
Ripple Current	1.3 Amps (100kHz 85C), 14 Amps (Peak)		
Inductance	8 nH		

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