

## R75PD1820AA40K

Aliases (75PD1820AA40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 8200 pF, 10%, 630 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
LL	4mm +2mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	2000	

General Information		
Series	R75	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Cut	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Component Weight	0.49 g	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	

Constitutions	
Specifications	
Capacitance	8200 pF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	630 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2400 V/us
Resistance	97 mOhms (100kHz)
Ripple Current	1.29 Amps (100kHz 85C), 20 Amps (Peak)
Inductance	8 nH

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