

R75PD2100AA40M

Aliases (75PD2100AA40M)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.01 uF, 20%, 630 VDC, 85°C, Lead Spacing = 7.5mm



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Dimensions	
L	10mm +0.2/-0.5mm
н	10.5mm +0.1/-0.5mm
т	5mm +0.1/-0.5mm
S	7.5mm +/-0.4mm
LL	4mm +2mm
F	0.5mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk
Packaging Quantity	1500

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	0.98 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications			
Capacitance	0.01 uF		
Capacitance Tolerance	20%		
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	79.6 mOhms (100kHz)		
Ripple Current	1.57 Amps (100kHz 85C), 24 Amps (Peak)		
Inductance	8 nH		

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