

## R76PD2100JH30K

## Aliases (76PD2100JH30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.01 uF, 10%, 630 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

Dimensions		
L	10.5mm +0.2/-0.5mm	
н	12mm +0.1/-0.5mm	
т	6mm +0.1/-0.5mm	
S	7.5mm +/-0.4mm	
LL	3.2mm +0.3/-0.2mm	
F	0.6mm +/-0.05mm	

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	1000	

General Information	
Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	0.837 g

Specifications		
Capacitance	0.01 uF	
Capacitance Tolerance	10%	
Voltage AC	250 VAC	
Voltage DC	630 VDC	
Temperature Range	-55/+110°C	
Rated Temperature	85°C	
<b>Dissipation Factor</b>	0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz	
Insulation Resistance	100 GOhms	
Max dV/dt	2800 V/us	
Resistance	63.66 mOhms (100kHz)	
Ripple Current	1.6 Amps (100kHz 85C), 28 Amps (Peak)	
Inductance	8 nH	

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