

R74NN31005000K

Aliases (74NN31005000K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1300 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

Dimensions	
L	26.5mm +0.3/-0.5mm
Н	18.5mm +0.1/-0.5mm
Т	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	300	

General Information		
Series	R74	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Automotive Grade, Pulse	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.	
Notes	Series Replaced by R75.	

Specifications		
Capacitance	0.1 uF	
Capacitance Tolerance	10%	
Voltage AC	400 VAC	
Voltage DC	1300 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	800 V/us	
Resistance	12.7 mOhms (100kHz)	
Ripple Current	6.6 Amps (100kHz 85C), 80 Amps (Peak)	
Inductance	18 nH	

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