

R745I21804000J

General Information

Series

Style

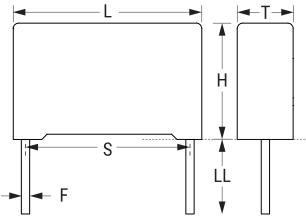
Dielectric

Aliases (745121804000J) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 0.018 uF, 5%, 1,600 VDC, 85°C, 15 mm

R74

Radial

Metallized Polypropylene



Click here for the 3D model.

		Features	Automotive Grade, Pulse
		RoHS	Yes
		Termination	Tinned Wire
	• 	Lead	Wire Leads
		Qualifications	AEC-Q200
		AEC-Q200	Yes
		Typical Component Weight	3.272 g
		Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
		Notes	Series Replaced by R75.
		Constituent and	

Dimensions		
18mm +/-0.5mm		
14.5mm +0.1/-0.5mm		
8.5mm +0.2/-0.5mm		
15mm +/-0.4mm		
30mm +5mm		
0.8mm +/-0.05mm		

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

Specifications				
Capacitance	0.018 uF			
Tolerance	5%			
Voltage DC	1600 VDC			
Voltage AC	500 VAC			
Temperature Range	-55/+105°C			
Rated Temperature	85°C			
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz			
Insulation Resistance	100 GOhms			
Max dV/dt	4,500 V/us			
ESR	35.4 mOhms (100kHz)			
Ripple Current	3.4 Amps (100kHz 85C), 81 Amps (Peak)			
Inductance	10 nH			

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