

R74LF2180JM00K

Aliases (74LF2180JM00K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 0.018 uF, 10%, 630 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

Dimensions	,
L	13mm +0.2/-0.5mm
Н	11mm +0.1/-0.5mm
Т	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	18mm +/-1mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1500

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	0.018 uF	
Capacitance Tolerance	10%	
Voltage AC	250 VAC	
Voltage DC	630 VDC	
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	300 V/us	
Resistance	35.4 mOhms (100kHz)	
Ripple Current	2.8 Amps (100kHz 85C), 5 Amps (Peak)	
Inductance	9 nH	

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