

R747I1820JM60J

Aliases (74711820JM60J) Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 8200 pF, 5%, 2000 VDC, 85°C, Lead Spacing = 15mm



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Dimensions	
L	18mm +/-0.5mm
н	12.5mm +0.1/-0.5mm
т	9mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	18mm +/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	520	

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.	

Capacitance 8200 pF Capacitance Tolerance 5% Voltage AC 700 VAC Voltage DC 2000 VDC Temperature Range -55/+105°C Rated Temperature 85°C Insulation Resistance 100 GOhms Max dV/dt 9500 V/us Resistance 7.6 mOhms (100 kHz)	Specifications	
Yoltage AC700 VACVoltage DC2000 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHzInsulation Resistance100 GOhmsMax dV/dt9500 V/us	Capacitance	8200 pF
Voltage DC2000 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHzInsulation Resistance100 GOhmsMax dV/dt9500 V/us	Capacitance Tolerance	5%
Temperature Range-55/+105°CRated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHzInsulation Resistance100 GOhmsMax dV/dt9500 V/us	Voltage AC	700 VAC
Rated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHzInsulation Resistance100 GOhmsMax dV/dt9500 V/us	Voltage DC	2000 VDC
Dissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHzInsulation Resistance100 GOhmsMax dV/dt9500 V/us	Temperature Range	-55/+105°C
Insulation Resistance100 GOhmsMax dV/dt9500 V/us	Rated Temperature	85°C
Max dV/dt 9500 V/us	Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
	Insulation Resistance	100 GOhms
Resistance 77.6 mOhms (100kHz)	Max dV/dt	9500 V/us
	Resistance	77.6 mOhms (100kHz)
Ripple Current 2.3 Amps (100kHz 85C), 78 Amps (Peak)	Ripple Current	2.3 Amps (100kHz 85C), 78 Amps (Peak)
Inductance 10 nH	Inductance	10 nH

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