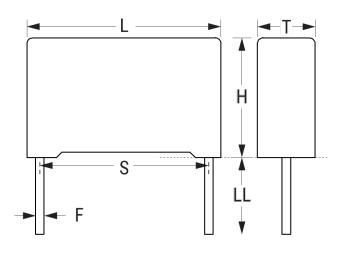


R747I1820JM00J

Aliases (747I1820JM00J)

Not for New Design

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



Click here for the 3D model.

Dimensions	
L	18mm +/-0.5mm
н	13.5mm +0.1/-0.5mm
т	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	18mm +/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	700	

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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.