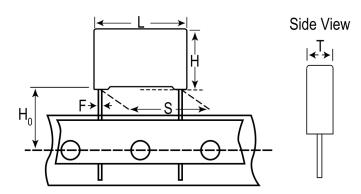


R745I1220DQ30J

Aliases (74511220DQ30J) Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 2200 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

Dimensions	
L	18mm +0.3/-0.5mm
н	10mm +0.1/-0.5mm
т	4mm +0.2/-0.5mm
S	15mm +0.6/-0.1mm
НО	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging Packaging Quantity

Ammo, 360x340x59mm, Box 1000

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.344 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Capacitance 2200 pF Capacitance Tolerance 5% Voltage AC 500 VAC Voltage DC 1600 VDC Temperature Range -55/+105°C Rated Temperature 85°C Dissipation Factor 0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz Insulation Resistance 100 GOhms Max dV/dt 4500 V/us Resistance 289.4 mOhms (100kHz) Inpue Current 0.7 Amps (100kHz SC), 10 Amps (Peak)	Specifications		
Voltage AC 500 VAC Voltage DC 1600 VDC Temperature Range -55/+105°C Rated Temperature 85°C Dissipation Factor 0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz Insulation Resistance 100 GOhms Max dV/dt 4500 V/us Resistance 289.4 mOhms (100kHz) Ripple Current 0.7 Amps (100kHz 85C), 10 Amps (Peak)	Capacitance	2200 pF	
Voltage DC1600 VDCTemperature Range-55/+105°CRated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHzInsulation Resistance100 GOhmsMax dV/dt4500 V/usResistance289.4 mOhms (100kHz)Ripple Current7 Amps (100kHz 85C), 10 Amps (Peak)	Capacitance Tolerance	5%	
Temperature Range-55/+105°CRated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHzInsulation Resistance100 GOhmsMax dV/dt4500 V/usResistance289.4 mOhms (100kHz)Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Voltage AC	500 VAC	
Rated Temperature85°CDissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHzInsulation Resistance100 GOhmsMax dV/dt4500 V/usResistance289.4 mOhms (100kHz)Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Voltage DC	1600 VDC	
Dissipation Factor0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHzInsulation Resistance100 GOhmsMax dV/dt4500 V/usResistance289.4 mOhms (100kHz)Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Temperature Range	-55/+105°C	
Insulation Resistance100 GOhmsMax dV/dt4500 V/usResistance289.4 mOhms (100kHz)Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Rated Temperature	85°C	
Max dV/dt4500 V/usResistance289.4 mOhms (100kHz)Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz	
Resistance289.4 mOhms (100kHz)Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Insulation Resistance	100 GOhms	
Ripple Current0.7 Amps (100kHz 85C), 10 Amps (Peak)	Max dV/dt	4500 V/us	
	Resistance	289.4 mOhms (100kHz)	
Inductor as 10 ml l	Ripple Current	0.7 Amps (100kHz 85C), 10 Amps (Peak)	
	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.