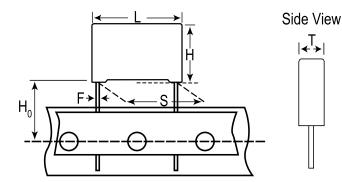


## R745I1820DQ00J

Aliases (74511820DQ00J) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 8,200 pF, 5%, 1,600 VDC, 85°C, 15 mm



Click here for the 3D model.

Dimensions	
L	18mm +0.3/-0.5mm
н	12mm +0.1/-0.5mm
Т	6mm +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 680

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	2.134 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	8,200 pF
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	77.6 mOhms (100kHz)
Ripple Current	2.1 Amps (100kHz 85C), 37 Amps (Peak)
Inductance	10 nH

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