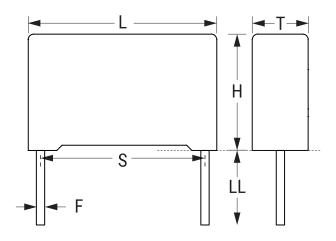


## R745I18204000K

Aliases (745118204000K) Not for New Design R74, Film, Metallized Polypropylene, Automotive Grade, 8,200 pF, 10%, 1,600 VDC, 85°C, 15 mm



Click here for the 3D model.

18mm +0.3/-0.5mm
12mm +0.1/-0.5mm
6mm +0.2/-0.5mm
15mm +/-0.4mm
30mm +5mm
0.8mm +/-0.05mm

## **Packaging Specifications**

Packaging	Bulk, Bag
Packaging Quantity	900

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	1.98 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	8,200 pF
Tolerance	10%
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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