

## R745I16805000K

Aliases (745116805000K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 10%, 1600 VDC, 85°C, Lead Spacing = 15mm



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 +/-0.4mm
LL	25mm +2/-1mm
F	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
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.051 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications			
Capacitance	6800 pF		
Capacitance Tolerance	10%		
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, 0.08% 100kHz		
Insulation Resistance	100 GOhms		
Max dV/dt	4500 V/us		
Resistance	93.6 mOhms (100kHz)		
Ripple Current	2 Amps (100kHz 85C), 31 Amps (Peak)		
Inductance	10 nH		

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