

**KEMET Part Number: R747I2180GYH0K**  
(747I2180GYH0K)

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R74 125C, Film, Metallized Polypropylene, Automotive Grade, 0.018 uF, 10%, 2000 VDC, 85°C, Lead Spacing = 15mm



General Information	
Series:	R74 125C
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	18mm +/-0.5mm
H	19mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.018 uF
Capacitance Tolerance:	10%
Voltage AC:	700 VAC
Voltage DC:	2000 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	9500 V/us
Inductance:	10 nH

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	270

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