

**KEMET Part Number: R75QI3100GY30K**  
(75QI3100GY30K)

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R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 15mm



General Information	
Series:	R75
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Dimensions	
L	18mm +0.5/-0.5mm
H	16mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18mm +/-0.5mm
F	0.8mm +/-0.4mm

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	250 VAC
Voltage DC:	1000 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	2000 V/us
Resistance:	15.92 mOhms (100kHz)
Ripple Current:	5.339 Amps (100kHz 85C), 200 Amps (Peak)
Inductance:	10 nH

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	270

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