

**KEMET Part Number: R75MI3100CK30K**  
(75MI3100CK30K)

**KEMET**

a YAGEO company

R75, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 400 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
Component Weight:	1.837 g
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Dimensions	
L	18mm +0.3/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	220 VAC
Voltage DC:	400 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	900 V/us
Resistance:	15.92 mOhms (100kHz)
Ripple Current:	4.57 Amps (100kHz 85C), 90 Amps (Peak)
Inductance:	10 nH

Packaging Specifications	
Packaging:	T&R, Large
Packaging Quantity:	1250

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