

KEMET Part Number: R71PI31005030K
(71PI31005030K)

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R71, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 630 VDC, 105°C, Lead Spacing = 15mm



General Information	
Series:	R71
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	PFC and Pulse
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Above 105C DC And AC Voltage Derating Is 4%/C.

Dimensions	
L	18mm +0.3/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	25mm +2/-1mm
F	0.6mm +/-0.05mm

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	1000

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	10%
Voltage AC:	275 VAC
Voltage DC:	630 VDC
Temperature Range:	-40/+110°C
Rated Temperature:	105°C
Dissipation Factor:	0.1% 25C
Insulation Resistance:	100 GOhms
Max dV/dt:	250 V/us
Resistance:	397.9 mOhms (100kHz)
Ripple Current:	0.64 Amps (100kHz 85C), 25 Amps (Peak)
Inductance:	10 nH

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