

## R71MI31005000K

Aliases (71MI31005000K)

R71, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 420 VDC, 105°C, 15 mm



Click [here](#) for the 3D model.

### General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	1.16 g
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
Tolerance	10%
Voltage DC	420 VDC
Voltage AC	220 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	100 GOhms
Max dV/dt	160 V/us
ESR	397.9 mOhms (100kHz)
Ripple Current	0.64 Amps (100kHz 85C), 16 Amps (Peak)
Inductance	10 nH

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