

## R71MI3100GY00J

Aliases (71MI3100GY00J)

R71, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 420 VDC, 105°C, Lead Spacing = 15mm



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

### 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	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	600

### General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	1.733 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Specifications

Capacitance	0.1 uF
Capacitance Tolerance	5%
Voltage AC	220 VAC
Voltage DC	420 VDC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	100 GOhms
Max dV/dt	160 V/us
Resistance	397.9 mOhms (100kHz)
Ripple Current	0.64 Amps (100kHz 85C), 16 Amps (Peak)
Inductance	10 nH