

## R71QR4100AA00M

Aliases (71QR4100AA00M)

R71, Film, Metallized Polypropylene, General Purpose, 1uF, 20%, 1000 VDC, 105°C, 27.5mm



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

### Dimensions

L	32mm +0.3/-0.7mm
H	33mm +0.1/-0.7mm
T	18mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	256

### General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Typical Component Weight	19.6 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Specifications

Capacitance	1uF
Capacitance Tolerance	20%
Voltage DC	1000 VDC
Voltage AC	275 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	30 GOhms
Max dV/dt	180 V/us
ESR	119.4 mOhms (100kHz)
Ripple Current	1.72 Amps (100kHz 85C), 180 Amps (Peak)
Inductance	18 nH