

## R71VR4100AA30K

Aliases (71VR4100AA30K)

R71, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 520 VDC, 105°C, 27.5 mm



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

### 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	5.88 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Dimensions

L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	816

### Specifications

Capacitance	1 uF
Tolerance	10%
Voltage DC	520 VDC
Voltage AC	250 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	30 GOhms
Max dV/dt	100 V/us
ESR	119.4 mOhms (100kHz)
Ripple Current	1.55 Amps (100kHz 85C), 100 Amps (Peak)
Inductance	18 nH

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