

## R71QR4180AA10K

Aliases (71QR4180AA10K)

R71, Film, Metallized Polypropylene, General Purpose, 1.8 uF, 10%, 1,000 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	14.33 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Dimensions

L	32mm +0.3/-0.7mm
H	28mm +0.1/-0.7mm
T	14mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	352

### Specifications

Capacitance	1.8 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	275 VAC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	16.6667 GOhms
Max dV/dt	180 V/us
ESR	66.3 mOhms (100kHz)
Ripple Current	2.24 Amps (100kHz 85C), 324 Amps (Peak)
Inductance	18 nH

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