

## R71QW4820AA10J

Aliases (71QW4820AA10J)

R71, Film, Metallized Polypropylene, General Purpose, 8.2 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



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

### Dimensions

L	41.5mm +0.3/-0.7mm
H	44mm +0.1/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	108

### General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	52.59 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Specifications

Capacitance	8.2 uF
Capacitance Tolerance	5%
Voltage AC	275 VAC
Voltage DC	1000 VDC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	3.6585 GOhms
Max dV/dt	80 V/us
Resistance	52.4 mOhms (100kHz)
Ripple Current	3.01 Amps (100kHz 85C), 656 Amps (Peak)
Inductance	20 nH