

## R75RW4180AA20K

Aliases (75RW4180AA20K)

R75, Film, Metallized Polypropylene, General Purpose, 1.8 uF, 10%, 1250 VDC, 85°C, Lead Spacing = 37.5mm



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

### Dimensions

L	41.5mm
H	45mm +0.1/-0.7mm
T	30mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

### Packaging Specifications

Packaging	Tray
Packaging Quantity	90

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	68.69 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	1.8 uF
Capacitance Tolerance	10%
Voltage AC	600 VAC
Voltage DC	1250 VDC, 750 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% 1kHz
Insulation Resistance	16.6667 GOhms
Max dV/dt	550 V/us
Resistance	2.653 mOhms (100kHz)
Ripple Current	21.69 Amps (100kHz 85C), 990 Amps (Peak)
Inductance	20 nH