

## R75PF2180AA30J

Aliases (75PF2180AA30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.018 uF, 5%, 630 VDC, 85°C, Lead Spacing = 10mm



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

### Dimensions

L	13mm +0.2/-0.5mm
H	11mm +0.1/-0.5mm
T	5mm +0.2/-0.5mm
S	10mm +/-0.4mm
LL	4mm +2mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1300

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.22 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	0.018 uF
Capacitance Tolerance	5%
Voltage AC	250 VAC
Voltage DC	630 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2000 V/us
Resistance	61.9 mOhms (100kHz)
Ripple Current	2.16 Amps (100kHz 85C), 36 Amps (Peak)
Inductance	9 nH