

## R75PI3330AA30K

Aliases (75PI3330AA30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.33 uF, 10%, 630 VDC, 85°C, Lead Spacing = 15mm



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

Dimensions	
L	18mm +/-0.5mm
H	19mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	450

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	5.166 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.33 uF
Capacitance Tolerance	10%
Voltage AC	250 VAC
Voltage DC	630 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	100 GOhms
Max dV/dt	1000 V/us
Resistance	14.5 mOhms (100kHz)
Ripple Current	5.86 Amps (100kHz 85C), 330 Amps (Peak)
Inductance	10 nH