

## R75PC2180AA40K

Aliases (75PC2180AA40K)

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



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Dimensions	
L	7.2mm +0.3/-0.5mm
Н	13mm +0.1/-0.5mm
Т	7.2mm +0.1/-0.5mm
S	5mm +/-0.4mm
LL	4mm +1.5mm
F	0.5mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk	
Packaging Quantity	1500	

General Information	
Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	1.861 g
Miscellaneous	Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C .

Specifications		
Capacitance	0.018 uF	
Capacitance Tolerance	10%	
Voltage AC	220 VAC	
Voltage DC	630 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Insulation Resistance	100 GOhms	
Max dV/dt	600 V/us	
Resistance	265.3 mOhms (100kHz)	
Ripple Current	1.019 Amps (100kHz 85C), 11 Amps (Peak)	
Inductance	7 nH	

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