

R75IN4180AA40K

Aliases (75IN4180AA40K)

R75, Film, Metallized Polypropylene, Automotive Grade, 1.8 uF, 10%, 250 VDC, 85°C, Lead Spacing = 22.5mm



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Dimensions	
L	26.5mm +0.3/-0.5mm
Н	18.5mm +0.1/-0.5mm
т	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	396	

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

Specifications		
Capacitance	1.8 uF	
Capacitance Tolerance	10%	
Voltage AC	160 VAC	
Voltage DC	250 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Dissipation Factor	0.06% 1kHz	
Insulation Resistance	16.6667 GOhms	
Max dV/dt	125 V/us	
Resistance	8.84 mOhms (100kHz)	
Ripple Current	7.95 Amps (100kHz 85C), 234 Amps (Peak)	
Inductance	18 nH	

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