

R75PI3100AAH3K

Aliases (75PI3100AAH3K)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 630 VDC, 105°C, Lead Spacing = 15mm



Click here for the 3D model.

Dimensions	
L	18mm +/-0.5mm
н	13.5mm +0.1/-0.5mm
т	7.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	1000	

General Information	
Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.4 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications			
Capacitance	0.1 uF		
Capacitance Tolerance	10%		
Voltage AC	250 VAC		
Voltage DC	630 VDC		
Temperature Range	-55/+125°C		
Rated Temperature	105°C		
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz		
Insulation Resistance	100 GOhms		
Max dV/dt	1000 V/us		
Resistance	31.8 mOhms (100kHz)		
Ripple Current	4.98 Amps (100kHz 90C), 100 Amps (Peak)		
Inductance	10 nH		

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