

R75RN282050H3J

Aliases (75RN282050H3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.082 uF, 5%, 1250 VDC, 105°C, Lead Spacing = 22.5mm



Click here for the 3D model.

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	25mm +2/-1mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Bag	
Packaging Quantity	300	

General Information	
Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	5.6 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

Specifications		
Capacitance	0.082 uF	
Capacitance Tolerance	5%	
Voltage AC	600 VAC	
Voltage DC	1250 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	2100 V/us	
Resistance	33 mOhms (100kHz)	
Ripple Current	6.41 Amps (100kHz 90C), 172 Amps (Peak)	
Inductance	16 nH	

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