

# Datasheet

Item no. 1570186

V1\_0917\_01\_en

## Waterproof DC fan, 12V, 0.13A

Model: RD8025B12M

### Specifications

<b>1、 Mechanical</b>	
1-1、 External dimension	80*80*25mm
1-2、 Weight	54g
1-3、 Bearing	Two Ball bearing
<b>2、 Electrical characteristics ( in free air at rated voltage)</b>	
2-1、 Rated voltage	12V
2-2、 Rated current	0.13±10%A
2-3、 Rated input power	1.56±10%W
<b>3、 Efficiency</b>	
3-1、 Rated speed(range)	2700RPM±10%
3-2、 Maximum air flow	30.60CFM
3-3、 Maximum static air pressure	3.16mm-H2O
<b>4、 Characteristics</b>	
4-1、 Operating voltage range	7.5V~13.8V
4-2、 Starting voltage	7.5(ON/OFF)
4-3、 Locked current	0.18A(Reference)
4-4、 Operating temperature	-10℃~+70℃
4-5、 Storage temperature	-30℃~+85℃
4-6、 Water Level	IP58
4-7、 Environment humidity	10%(RH)45℃ for 24 hours & 98% (RH) 45℃ for 24 hours
4-8、 Insulation resistance	At least 10MΩ at 500 VDC between housing and both lead wires
4-9、 Dielectric strength	Withstand 500 VAC 1 minute 1mA between housing and both lead wires
4-10、 MTBF: 50,000 hours	
Life expectancy:50,000Hours continuous operation at rated voltage and normal temperature & humidity	

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