

Micro DC Blower  
25×25×10mm

Aluminum

0.7 ~ 0.9 CFM

5 VDC

0.65 ~ 0.9 WATTS



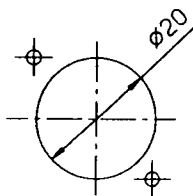
SPECIFICATIONS

Model	Rated Voltage (VDC)	Starting Voltage (VDC)	Operating Voltage (VDC)	Rated Current (AMP)	Power Consumption (WATTS)	Speed (Reference) (RPM)	Air Flow (CFM)	Static Pressure (Inch-H <sub>2</sub> O)	Noise (dBA)
B0502AFB1-8	5	4	4-6	0.18	0.9	12000	0.9	0.36	25
B0502AFB2-8	5	4	4-6	0.125	0.65	10000	0.7	0.23	24

Specifications subject to change without notice

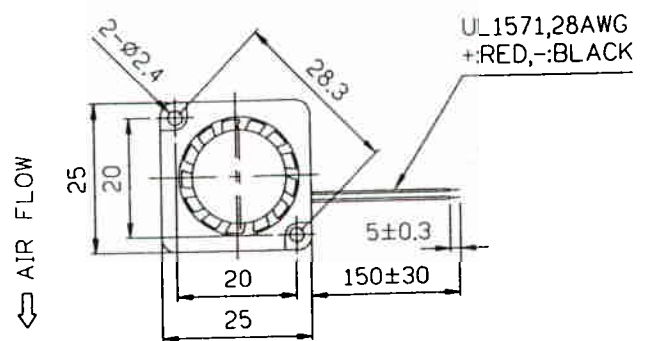
- Direction of Rotation :Counter-Clockwise Viewed from Fan Blade
- Air Flow Direction :One Directional Exhaust
- The Best Mounting Direction :Fan Blade Face Up or Shaft Horizontal Direction.
- Operating Temperature :-10 to +70 Deg.C
- Storage Temperature :-40 to +70 Deg.C
- Bearing System :Precise Ball Bearing System
- Weight :9g
- Tolerances :15% on Rated Power & Current
- Special Design Is Available on Request

PANEL CUT-OUTS

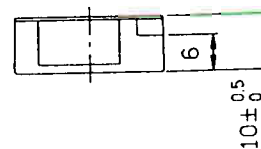


INLET

DIMENSIONS



UNITS:mm



UL1571,28AWG  
+:RED,-:BLACK

INTRODUCTION

ENGINEERING INFO.

EXTRA-MINI DC FAN

ULTRA-THIN DC FAN

MICRO COOLING DEVICE

SUPER-THIN COOLER

SAFETY

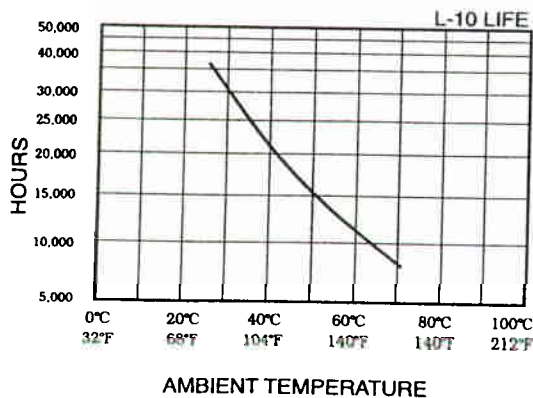


## CHARACTERISTICS

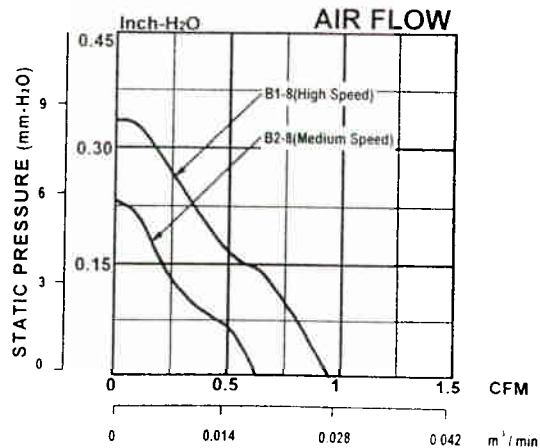
<b>Motor Design</b>	:Patented single-coil DC brushless 8 poles motor
<b>Bobbin</b>	:High temperature resistance non-flammable thermoplastic PBT UL 94V-0 rating
<b>Frame</b>	:Die-cast aluminum
<b>Impeller</b>	:High temperature resistance non-flammable thermoplastic PBT UL 94V-0 rating
<b>Insulation Resistance</b>	:More than 500M ohm between internal stator and lead wire(+) measured by DC 500V
<b>Dielectric Strength</b> (withstand voltage)	:Applied AC 500V for one minute or AC 600V for two seconds between housing and lead wire(+)
<b>Safety Protection</b>	:Electronic locked rotor protected
<b>Vibration</b>	:Vibration of acceleration 1.5G and frequency 5~50~5Hz is applied in the 3 directions(X,Y,Z) for 30 minutes, each direction at the cycle of 1 minute.

## LIFE EXPECTANCY

The curve represents the continuous duty life of Micro DC Blowers at a given temperature, after which 90% of the units will still be operating.



## PERFORMANCE CURVE



INTRODUCTION  
 ENGINEERING INFO.  
 EXTRA MINI DC FAN  
 ULTRA-THIN DC FAN  
 SUPER-THIN COOLER  
 SAFETY