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SPC-F005.DWG

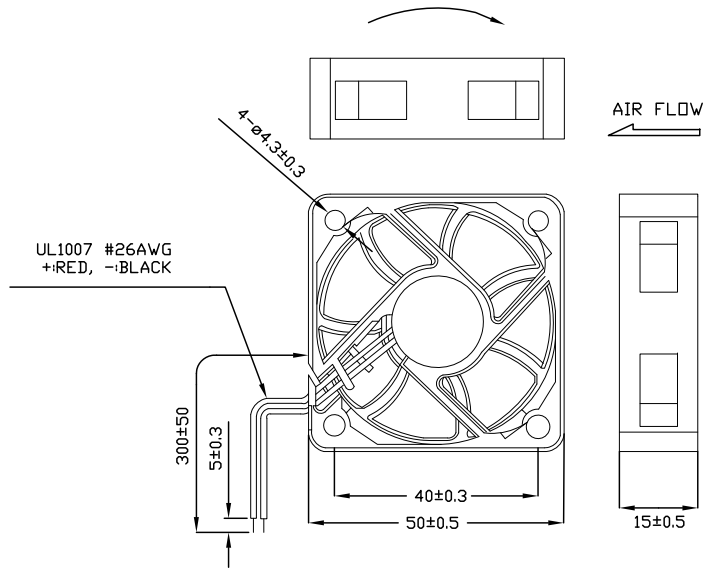
REVISIONS

DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No. 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1993	A	Released	JYC	5/27/10	JYC	5/27/10	JYC	5/27/10

MATERIAL

- 2-1. Frame : Thermoplastic PBT of UL 94V-0
- 2-2. Impeller : Thermoplastic PBT of UL 94V-0



Units:mm

DISCLAIMER:  
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

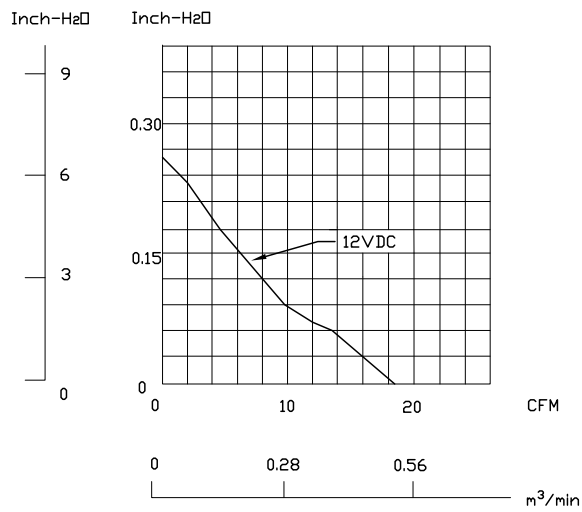
TOLERANCES:  
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

DRAWN BY:	DATE:
Jerrold Chen	5/27/2010
CHECKED BY:	DATE:
Jerrold Chen	5/27/2010
APPROVED BY:	DATE:
Jerrold Chen	5/27/2010

DRAWING TITLE:			
<b>Brushless DC Motor</b>			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	MC35357	75R9908	A
SCALE: NTS		U.O.M.: mm	SHEET: 1 OF 3

### PERFORMANCE CURVES

STATIC  
PRESSURE



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MC35357

ELECTRONIC FILE

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SCALE: NTS

U.O.M.: Millimeters

SHEET: 2 OF 3

### SPECIFICATIONS

1-1. Rated Voltage	:	12 VDC
1-2. Operating Voltage Range	:	4.5-13.8 VDC
1-3. Starting Voltage	:	4.5 VDC (25 deg. C POWER ON/OFF)
1-4. Rated Speed	:	7000 RPM $\pm$ 15% at rated voltage
1-5. Acoustic Noise	:	40.1 dB(A)
1-6. Static Pressure	:	0.26 Inch-H <sub>2</sub> O
1-7. Rated Current	:	145 mA / Max 167 mA
1-8. Rated Power	:	1.74 W / Max 2.01 W
1-9. Weight	:	27.6g
1-10. Direction of Rotation	:	Counter-clockwise viewed from front of fan blade
1-11. Operating Temperature	:	-10 to +70 deg. C
1-12. Storage Temperature	:	-40 to +70 deg. C
1-13. Bearing System	:	VAPD bearing system
1-14. Air Flow	:	18.6 CFM
1-15. Locked Rotor Protection	:	Automatic Restart Capacity Note: In a situation where the fan is locked by a external force while the electricity is on, an increase in coil temperature will be prevented by temporarily turning off the electrical power to the motor. The fan will automatically restart when the locked rotor condition is released.

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SHEET: 3 OF 3