

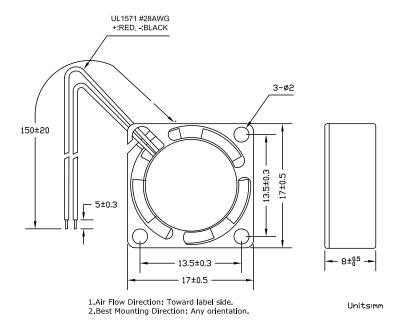
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SPC-F005.DWG

REVISIONS			DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398						
DCP #	DCP # REV DESCRIPTION		DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
1993	A Released		JN	04/25/09	JWM	04/25/09	JWM	04/25/09	

MATERIAL

2-1. Frame : Thermoplastic PBT of UL 94V-0
2-2. Impeller : Thermoplastic PBT of UL 94V-0
2-3. Bobbin : Thermoplastic PBT of UL 94V-0
2-4. Lead Wire : UL1571,28 awg, +RED, -BLACK





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

TOLERANCES:

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DAIL:
Jason Nash	04/25/09
CHECKED BY:	DATE:
Jeff McVicker	04/25/09
APPROVED BY:	DATE:
Jeff McVicker	04/25/09

	DRAW	ING TITLE:						
)9				Axial Fan; Cur	rent	Type:D	С	
	SIZE	DWG. NO.			ELEC	FRONIC FIL	E	REV
9	Α		MC3	32901	71	P8678.	dwg	Α
)9	SCALE: NTS			U.O.M.: INCHES [mm]		SHEET:	1 0	- 4

CHARACTERISTICS

1. Motor Design : Patented single-coil DC brushless 8 pole motor design.

2. Insulation Resistance : More than 500 Megohms minimum at 500 VDC.

3. Dielectric Strength : Applied AC 500V for a minute or AC 600V for 2 sec.between housing and

lead wire

4. Noise Level : Measured in a semi-anechoic chamber

with background noise level below 15

 $\mbox{\rm dB(A)}.$ The fan is running in free air with the

microphone at a distance of one meter

from the fan intake.

5. Tolerance : $\pm 15\%$ on rated power and current.

6. Air Performance : Measured by a double chamber. The values

are recorded when the fan speed has stabilized

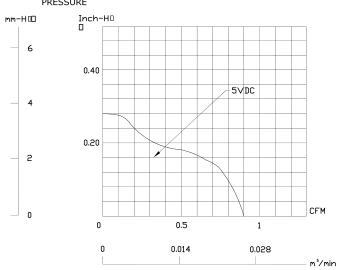
at rated voltage.



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EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY.		A	MC	32901	71P8678.dwg		Α
SPC-F005.DWG	DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398	SCALE	: NTS	U.O.M.: Millimeters	SHEET:	2 OF	- 4

PERFORMANCE CURVES

STATIC PRESSURE





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	SPC-F005.DWG	DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398	SCALE	: NTS	U.O.M.: Millimeters	S	SHEET: 3	OF	4

SPECIFICATIONS

1-1. Rated Voltage 5 VAC 1-2. Operating Voltage Range 3~6 VAC

1-3. Starting Voltage 3 VDC (25 deg. C POWER ON/OFF)

1-4. Rated Speed 20000 RPM ± 20%

1-5. Air Delivery 0.9 CFM

1-6. Static Pressure 0.28 Inch-H00

1-7. Rated Current 0.16 AMP 1-8. Rated Power 2TTAW 8.0 1–9. Noise Level 25 dB(A)

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 Vapo bearing system

4.36g 1-14. Weight

UL/CUR Approvals 1-15. Safety

1-16. Vibration

Vibration of acceleration 1.5G and frequency 5~50~5Hz is applied in all 3 directions(X,Y,Z), in cycles of 1 minute each, for a total vibration time of 30 minutes.



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SPC-F005.DWG	DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398	SCALE	E: NTS	U.O.M.: Millimeters	SHEET: 4	OF 4