

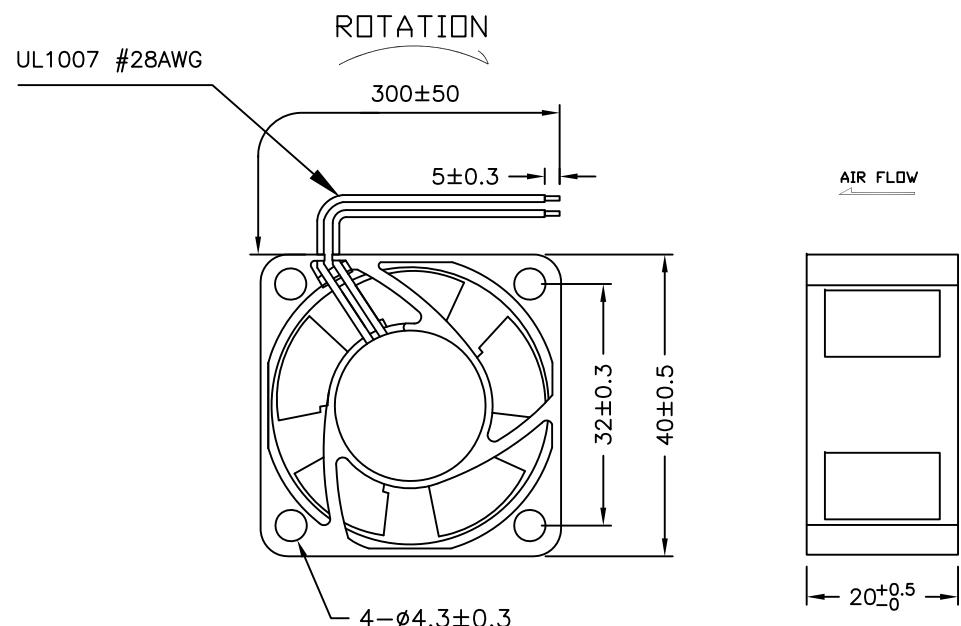
REVISIONS

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

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



1. Air Flow Direction: Toward label side.
2. Best Mounting Direction: Any orientation.

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

DRAWING TITLE: DC Brushless Fan
SIZE DWG. NO. ELECTRONIC FILE REV
A MC32906 71P8684.dwg A
SCALE: NTS U.O.M.: INCHES [mm] SHEET: 1 OF 4

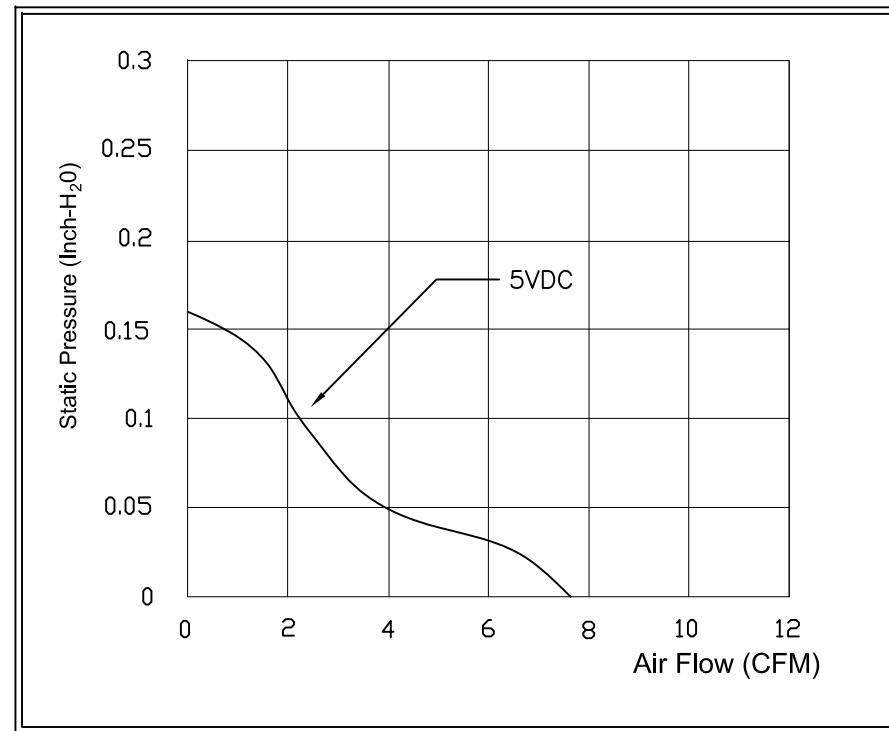
CHARACTERISTICS

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. Input power, Current & Speed : Measured after continuous 10 minute operation at rated voltage in clean air, and at ambient temperature of 25°C
5. Noise Level : Measured in a semi-anechoic chamber with background noise level below 15 dB(A). The fan is running in free air with the microphone at a distance of one meter from the fan intake.
6. Tolerance : $\pm 15\%$ on rated power and current.
7. Air Performance : Measured by a double chamber. The values are recorded when the fan speed has stabilized at rated voltage.



RoHS
Compliant

PERFORMANCE CURVES



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SIZE DWG. NO. ELECTRONIC FILE REV
A MC32906 71P8684.dwg A

SPECIFICATIONS

1-1. Rated Voltage	:	5 VAC
1-4. Rated Speed	:	6200 RPM \pm 20%
1-5. Air Delivery	:	7.7 CFM
1-6. Static Pressure	:	0.16 Inch-H ₂ O
1-7. Rated Current	:	0.142 Amp
1-8. Rated Power	:	0.7 WATTS
1-9. Noise Level	:	22.0 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	:	2 Ball bearing system
1-14. Weight	:	30g
1-15. Safety	:	UL/CUR Approvals



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SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	MC32906	71P8684.dwg	A
SCALE: NTS	U.O.M.: Millimeters	SHEET: 4 OF 4	