



ALL RIGHTS RESERVED. NO PORTION OF THIS PUBLICATION, WHETHER IN WHOLE OR IN PART, CAN BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY.

SPC-F005.DWG

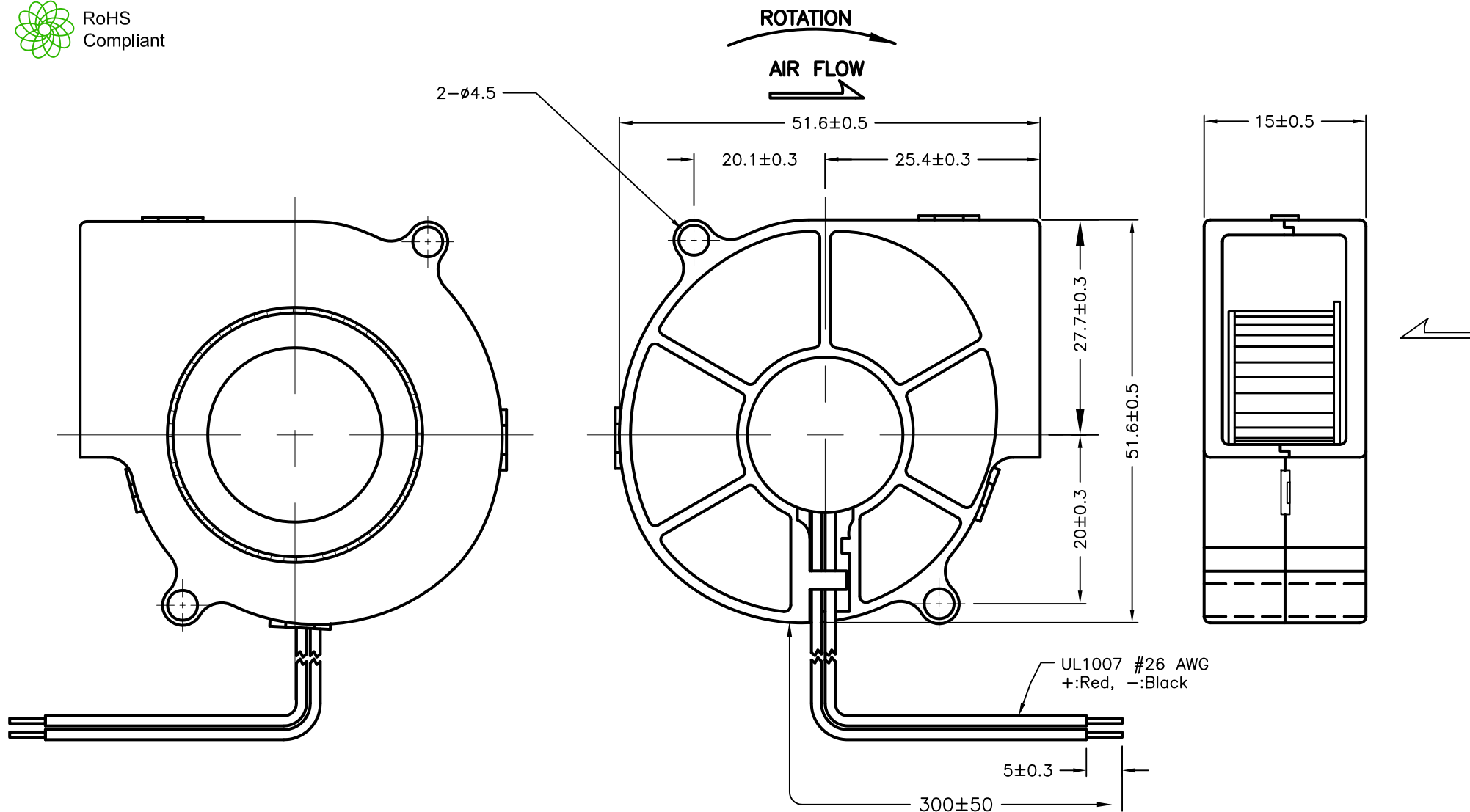
REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1993	A	RELEASED	JN	04/25/09	TL	JWM	JWM	04/25/09



RoHS
Compliant



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

DATE:

04/25/09

CHECKED BY:

Jeff McVicker

DATE:

04/25/09

APPROVED BY:

Jeff McVicker

DATE:

04/25/09

DRAWING TITLE:

DC Brushless Blower

SIZE DWG. NO.

A

MC32897

ELECTRONIC FILE

71P8674.DWG

REV

A

SCALE: NTS

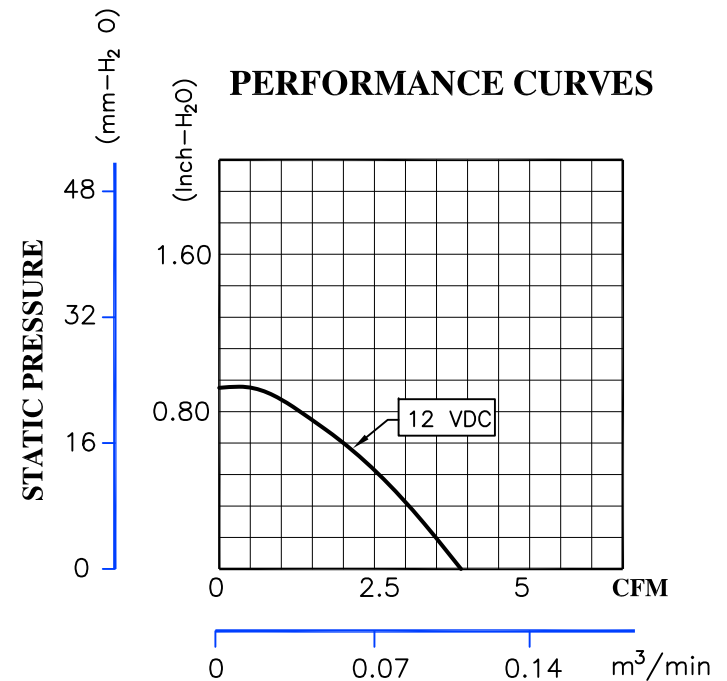
U.O.M.: Millimeters

SHEET: 1 OF 2

- Frame, Impeller, and Bobbin: Thermoplastic PBT of UL94V-0
- Lead Wire : UL1007, 24AWG, +RED, -BLACK
- One directional exhaust
- The Best Mounting Direction: Fan blade face up or shaft horizontal direction.

SPECIFICATIONS:

- Rated Voltage: 12 VAC
- Operating Voltage Range: 6 ~ 13.8 VAC
- Starting Voltage: 6 VAC (25°C Power ON/OFF)
- Rated Speed: 6000 RPM $\pm$ 10%
- Air Delivery: 4.7 CFM
- Static Pressure: 0.97 Inch-H₂O
- Rated Current: 170 mA
- Rated Power: 2.0 Watts
- Noise Level: 42.2 dBA
- Operating Temperature: -10°C ~ +50°C
- Storage Temperature: -40°C ~ +50°C
- Weight: 30g
- Insulation Resistance : More than 10M ohm between internal stator and lead wire(+) measured at DC 500V.
- Safety: UL/CUR
- Direction of Rotation: Counter-clockwise viewed from front of the fan blade
- 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 30 minutes.



Safety Notes:

- There is no thermo-protector installed in this product, such as thermo-fuse, or current-fuse or thermo-protector. There may be smoking, ignition or electric shock by insulation degradation in cases of motor lock, motor lead short circuit, over load, over voltage or other failure. Please add the protection circuit on your machine.
- There is no reverse-connection prevention diode of VDC(+) and GND (-) installed in this product. Therefore, if VDC(+) and GND (-) are connected reversely, it may start smoking and destruction, moreover there is danger of the ignition. Although these condition may not manifest immediately. We recommend that a protection device be installed on your product when there is a possibility of reverse-connection.
- Please avoid operating our product in poisonous material (such as organic silicon, cyanogens, formalin, phenol, etc.) or corrosive gas environments.(as H2S, SO2, NO2, Cl2, etc.) Please check carefully if there is any above substances.