Multicomp

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	JWM	04/25/09	JWM	04/25/09

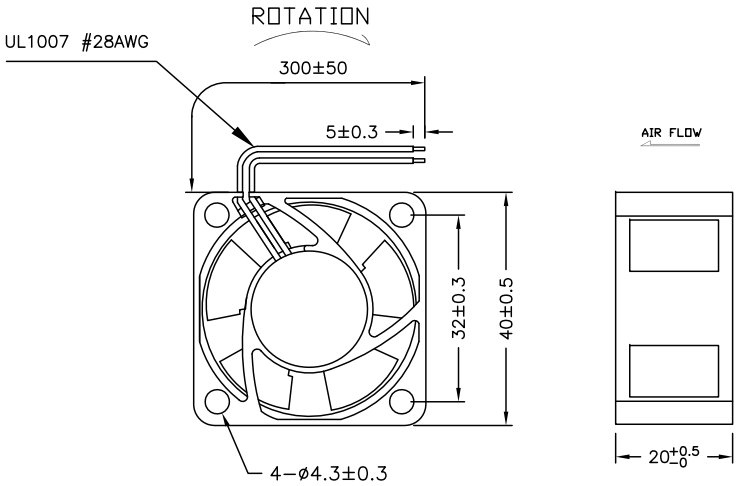
MATERIAL

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

RoHS Compliant

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

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

DRAWING TITLE: DC Brushless Fan

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	MC32907	71P8685.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	:	±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.

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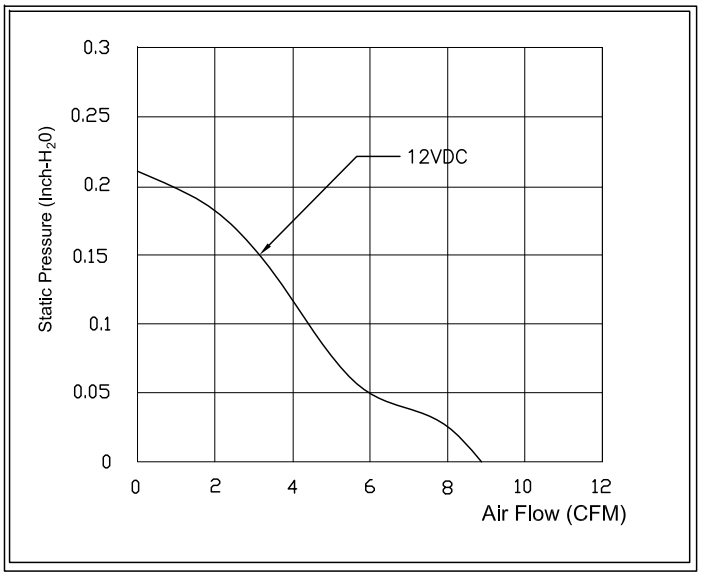
PERFORMANCE CURVES



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SPECIFICATIONS

1-1. Rated Voltage	:	12 VAC
1-2. Operating Voltage Range	:	4.5~13.8 VAC
1-3. Starting Voltage	:	4.5 VDC (25 deg. C POWER ON/OFF)
1-4. Rated Speed	:	7200 RPM ± 20%
1-5. Air Delivery	:	8.9 CFM
1-6. Static Pressure	:	0.21 Inch-H2O
1-7. Rated Current	:	80 mA
1-8. Rated Power	:	1.0 WATTS
1-9. Noise Level	:	26.5 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	:	Precision Ball bearing system
1-14. Weight	:	31g
1-15. Safety	:	UL/CUR Approvals

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