

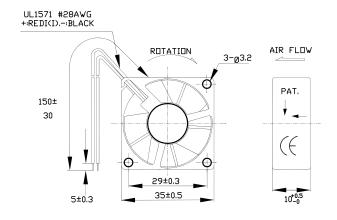
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SPC-F005.DWG

REVISIONS				DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 13								
DCP #	DCP # REV DESCRIPTION		DRAWN	DRAWN DATE		DATE	APPRVD	DATE				
XX	Α	A RELEASED		28-7-08	JN	28-7-08	JN	28-7-08				
2067	2067 B Listing Info Updated		JN	08-19-09	JN	08-19-09	JN	08-19-09				

# MATERIAL

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



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

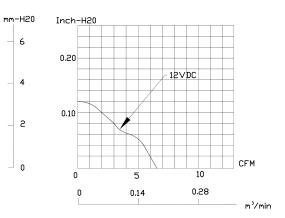
RoHS Compliant

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.

Ī	TOLERANCES:	DRAWN BY:	DATE:	DRAW	ING TITLE:					
ı	UNLESS OTHERWISE SPECIFIED,	LG	28-7-08	DC BRUSHLESS				ESS	FAN	
		CHECKED BY:	DATE:	SIZE DWG. NO.				ELEC	REV	
I	DIMENSIONS ARE FOR REFERENCE	JN	28-7-08	Α		MC1	9663	70	OK8546.dwg	
ı	PURPOSES ONLY.	APPROVED BY:	DATE:							
		JN	28-7-08	SCALE	E: NTS		U.O.M.: INCHES [mm]		SHEET: 1 C	)F 4

# PERFORMANCE CURVES

#### STATIC PRESSURE





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İ	SPC-F005.DWG	DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398	SCALE	: NTS	U.O.M.: Millimeters		SHEET: 2 0	DF 4

### **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)

7500 RPM ± 30% 1-4 Rated Speed

1-5. Air Delivery 6.5 CFM 1-6. Static Pressure 0.12 Inch-H<sub>00</sub>

1-7. Rated Current 43 mA 0.5 WATTS 1-8. Rated Power 22 dB(A) 1–9. Noise Level

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

1-14. Weight 10.59

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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### **CHARACTERISTICS**

1. Motor Design Patented single-coil DC brushless 8 pole motor design. 2. Insulation Resistance

More than 500M ohm between internal stator and lead wire(+) measured at DC 500V.

Applied AC 500V for one minute or AC 600V for 2 seconds between housing and lead wire(+)  $\,$ 3. Dielectric Strength

4. 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.

5. Input Power, Current & Speed Measured after continuous 10 minute

operation at rated voltage in clean air, and

at ambient temperature of 25 degree C.

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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