

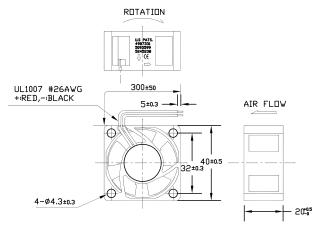
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SPC-F005.DWG

REVISIONS			DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398								
DCP # REV DESCRIPTION		DRAWN	DATE	CHECKD	DATE	APPRVD	DATE				
XX	A RELEASED		LG	18-08-08	LG	18-08-08	LG	18-08-08			
2067	В	Listing Info Updated	JN	08-25-09	JN	08-25-09	JN	08-25-09			

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 UL1007, 26awg, +RED, -BLACK



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



ELECTRONIC FILE

75M2178

SHEET:

REV

Α

1 OF 4

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:		DRAWN BY:	DATE:	DRAWING TITLE:						
	UNLESS OTHERWISE	LG	18-08-08				DC	BRUSHL	ESS	FAN
SPI DIN FO	SPECIFIED,	CHECKED BY:	DATE: SIZE DWG.		DWG. NO.	G. NO.			ELECTRONIC	
	DIMENSIONS ARE FOR REFERENCE	LG	18-08-08	A		MC23289			75M2	
	PURPOSES ONLY.	APPROVED BY:	DATE:							
		LG	18-08-08	SCALE	E: NTS		U.O.M.: INCHES [mm			SHEET

CHARACTERISTICS

1. Motor Design : Patented single-coil DC brushless 4 pole motor design.

2. Insulation Resistance : More than 500M ohms between internal stator and

lead wire(+)measured at DC 500V.

3. Dielectric Strength : Applied AC 500V for one minute or AC 600V for

2 seconds between housing and lead wire(+)

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 clear air, and at ambient temperature of 25 degrees C.

6. Tolerance : ±15% on rated power and current.

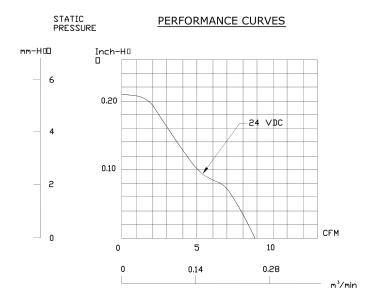
7. Air Performance : Measured by a double chamber. The values

are recorded when the fan speed has stabilized

at rated voltage.



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EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY.		A	MC	23289		75M2178		
SPC-F005.DWG	DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398	SCALE	E: NTS	U.O.M.: Millimeters		SHEET: 2	OF	4





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EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY	·	A	MC:	23289	75M2178		
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SPECIFICATIONS

1-1. Rated Voltage 24 VDC

1-2. Operating Voltage Range 8~27.6 VDC

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

1-4. Rated Speed 7200 RPM ± 15%

1-5. Air Delivery 8.9 CFM

1-6. Static Pressure 0.21 Inch-HO

1-7. Rated Current 50 mA 1-8. Rated Power 1.2 WATTS 25.5 dB(A) 1-9. Noise Level

1-10. Direction of Rotation Counter-clockwise viewed from front of fan blade

1-11. □perating 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

1-15. Safety UL/CUR Approvals

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.

1-17. Locked Rotor Protection:

Automatic Restart Capability
Note: In a situation where the fan is locked by an external
force while the electricity is on, an increase in coil
temperature will be prevented by temporarily. The fan will
automatically restart when the locked rotor condition is

released.



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