



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

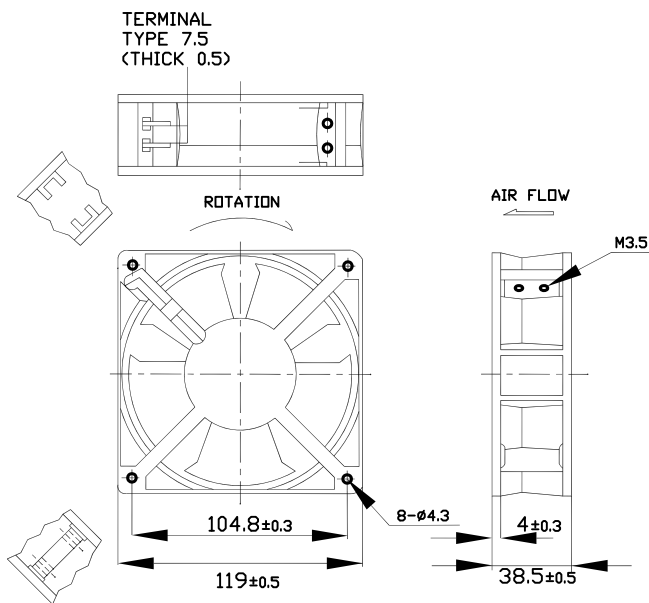
DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
XX	A	RELEASED	LG	05-08-08	JN	05-08-08	JN	05-08-08
2067	B	Listing Info Updated	JN	08-21-09	JN	08-21-09	JN	08-21-09

2. Material

2-1. Frame : DIE-CAST ALUMINUM

2-2. Impeller : Thermoplastic PBT of UL 94V-0



1. Air Flow Direction: Toward label side.



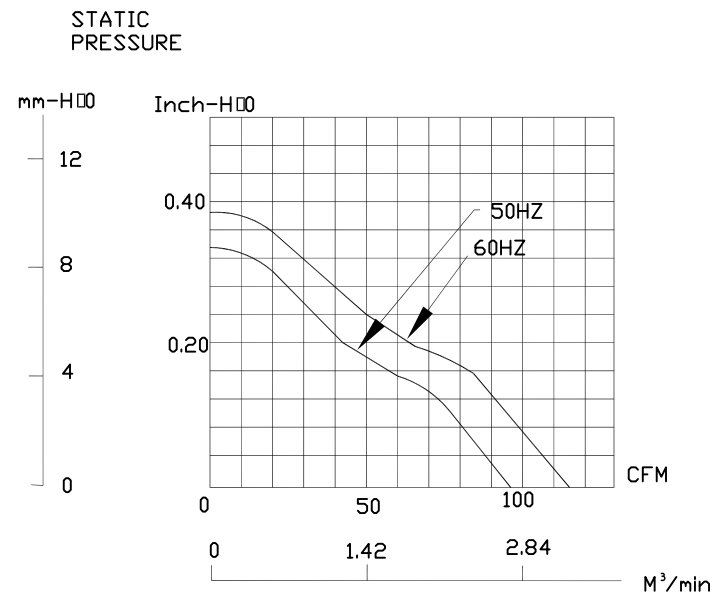
DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
LG	05-08-08
CHECKED BY:	DATE:
JN	05-08-08
APPROVED BY:	DATE:
JN	05-08-08

DRAWING TITLE:			
Axial AC Fan			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	MC19684	70K8567.dwg	B
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 4

PERFORMANCE CURVES



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

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

SIZE DWG. NO.

A

MC19684

ELECTRONIC FILE

70K8567

REV

SCALE: NTS

U.O.M.: Millimeters

SHEET: 2 OF 4

SPECIFICATIONS

1-1. Rated Voltage	:	115 VAC 50/60 Hz
1-2. Operating Voltage Range	:	85~125 VAC
1-3. Starting Voltage	:	85 VAC
1-4. Rated Speed	:	2700/3100 RPM $\pm$ 10%
1-5. Air Delivery	:	95/115 CFM
1-6. Static Pressure	:	0.33/0.38 Inch-H ₂ O
1-7. Rated Current	:	0.26/0.24 AMP
1-8. Input Power	:	22/20 WATTS
1-9. Noise Level	:	44/49 dB(A)
1-10. Direction of Rotation	:	Counter-clockwise viewed 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	:	Lubricated sleeve bearing system
1-14. Weight	:	550g
1-15. Safety	:	UL/CUR Approvals
1-16. Vibration	:	Vibration of acceleration 1.5G and frequency 5~50~5Hz is applied in the 3 directions(X,Y,Z), in cycles of 1 minute each, for a total vibration time of 30 minutes.



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.

SIZE A	DWG. NO. MC19684	ELECTRONIC FILE 70K8567	REV
SCALE: NTS	U.O.M.: Millimeters	SHEET: 3 OF 4	

CHARACTERISTIC

- | | | |
|--------------------------|---|---|
| 1. Motor Design | : | Reliable shaded-Pole Motor Construction. |
| 2. Insulation Resistance | : | 500 Megohms minimum at 500 VDC. |
| 3. Dielectric Strength | : | 1800 VAC for one second. |
| 4. Motor Protection | : | Impedance Protected. |
| 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
microphone at a distance of one meter
from the fan intake. |
| 6. Tolerances | : | ±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. |

