SPECIFICATION FOR APPROVAL

Customer. _____

Description. DC FAN

Part No. _____ REV. _____

Delta Model No. ASB0305MA-C REV. 02

Sample Issue No. _____

Sample Issue Date. JAN.19 2016

PLEASE SEND ONE COPY OF THIS SPECIFICATION BACK AFTER YOU SIGNED APPROVAL FOR PRODUCTION PRE-ARRANGMENT.

APPROVED BY:

DATE :

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SPECIFICATION FOR APPROVAL
****

Customer:

Description: DC FAN

Customer P/N: REV:

Delta Model NO.: ASB0305MA-C Delta Safety Model No.:ASB0305MA-C

Sample Rev: 02 Issue NO:

Sample Issue Date: Quantity:

1. SCOPE:

THIS SPECIFICATION DEFINES THE ELECTRICAL AND MECHANICAL CHARACTERISTICS OF THE DC BRUSHLESS AXIAL FLOW FAN.

2. CHARACTERS:

(CONDITION: 25°C, 5.0VDC, 1 ATM)

ITEM	DESCRIPTION
RATED VOLTAGE	5 VDC
OPERATION VOLTAGE	4.5 - 5.5 VDC
MINIMUN START VOLTAGE	4.0 VDC
INPUT CURRENT	0.11 (MAX. 0.19) A SAFETY CURRENT ON LABEL: 0.19A
INPUT POWER	0.55 (MAX. 0.95) W
SPEED	9000±15% R.P.M.
MAX. AIR FLOW (AT ZERO STATIC PRESSURE)	0.105 (MIN. 0.086) M^3 / MIN. 3.72 (MIN. 3.05) CFM
MAX. AIR PRESSURE (AT ZERO AIRFLOW)	4.25 (MIN. 2.86) mmH_2O 0.167 (MIN. 0.112) $inchH_2O$
ACOUSTICAL NOISE (AVG.) AT 1.0M	23.0 (MAX.27.5) dB-A
INSULATION TYPE	UL: CLASS A

(continued)

PART NO:

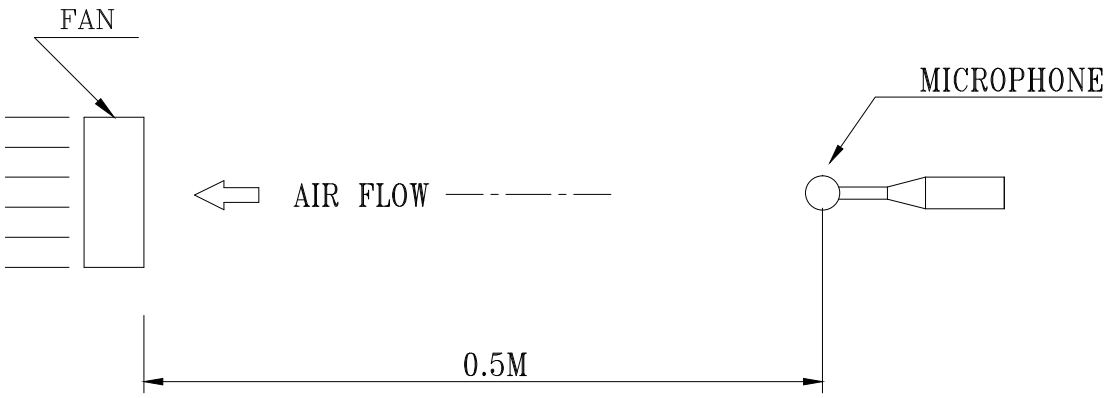
DELTA MODEL: ASB0305MA-C

INSULATION STRENGTH	10 MEG OHM MIN. AT 500 VDC (BETWEEN FRAME AND (+) TERMINAL)
DIELECTRIC STRENGTH	5 mA MAX. AT 500 VAC 50/60 Hz ONE MINUTE, (BETWEEN FRAME AND (+) TERMINAL)
EXTERNAL COVER	OPEN TYPE
LIFE EXPECTANCE **AT LABEL VOLTAGE**	20,000 HOURS CONTINUOUS OPERATION AT 40°C WITH 65 %RH.
ROTATION	COUNTERCLOCKWISE DIRECTION FROM FRONT VIEW OF AIR FLOW INLET
INSULATION TYPE	UL: CLASS A
LEAD WIRE	UL 1061 AWG #26 BLACK WIRE NEGATIVE(-) RED WIRE POSITIVE(+)

NOTES: 1. ALL READINGS ARE MEASURED AFTER STABLY WARMING UP THROUGH 10 MINUTES.

2. STANDARD AIR PROPERTY IS AIR AT (Td) 25°C TEMPERATURE, (RH) 65% RELATIVE HUMIDITY, AND (Pb) 760 mmHg BAROMETRIC PRESSURE.

3. THE VALUES WRITTEN IN PARENS , ( ), ARE LIMITED SPEC.
4. ACOUSTICAL NOISE MEASURING CONDITION:



NOISE IS MEASURED AT RATED VOLTAGE IN FREE AIR IN SEMI-ANECHOIC CHAMBER WITH B & K SOUND LEVEL METER WITH MICROPHONE AT A DISTANCE OF 0.5M FROM THE FAN INTAKE. THE NOISE AT 1M SHOULD CALCULATED FROM THE VALUE MEASURED AT 0.5M.

A00

PART NO:

DELTA MODEL: ASB0305MA-C

3. MECHANICAL:

3-1. DIMENSIONS ---------- SEE DIMENSIONS DRAWING

3-2. FRAME ---------- PLASTIC UL: 94V-0

3-3. IMPELLER ---------- PLASTIC UL: 94V-0

3-4. BEARING SYSTEM ---------- SLEEVE BEARING

3-5. WEIGHT ---------- 7.4(REF.) GRAMS

4. ENVIRONMENTAL:

4-1. OPERATING TEMPERATURE ---------- -10 TO +70 DEGREE C

4-2. STORAGE TEMPERATURE ---------- -40 TO +75 DEGREE C

4-3. OPERATING HUMIDITY ---------- 5 TO 90 % RH

4-4. STORAGE HUMIDITY ---------- 5 TO 95 % RH

5. PROTECTION:

5-1. LOCKED ROTOR PROTECTION

IMPEDANCE OF MOTOR WINDING PROTECTS MOTOR FROM FIRE IN 96 HOURS OF LOCKED ROTOR CONDITION AT THE RATED VOLTAGE.

5-2. POLARITY PROTECTION

BE CAPABLE OF WITHSTANDING IF REVERSE CONNECTION FOR POSITIVE AND NEGATIVE LEADS.

6. RE OZONE DEPLETING SUBSTANCES:

6-1. NO CONTAINING PBBs, PBBOs, CFCs, PBBEs, PBDPEs AND HCFCs.

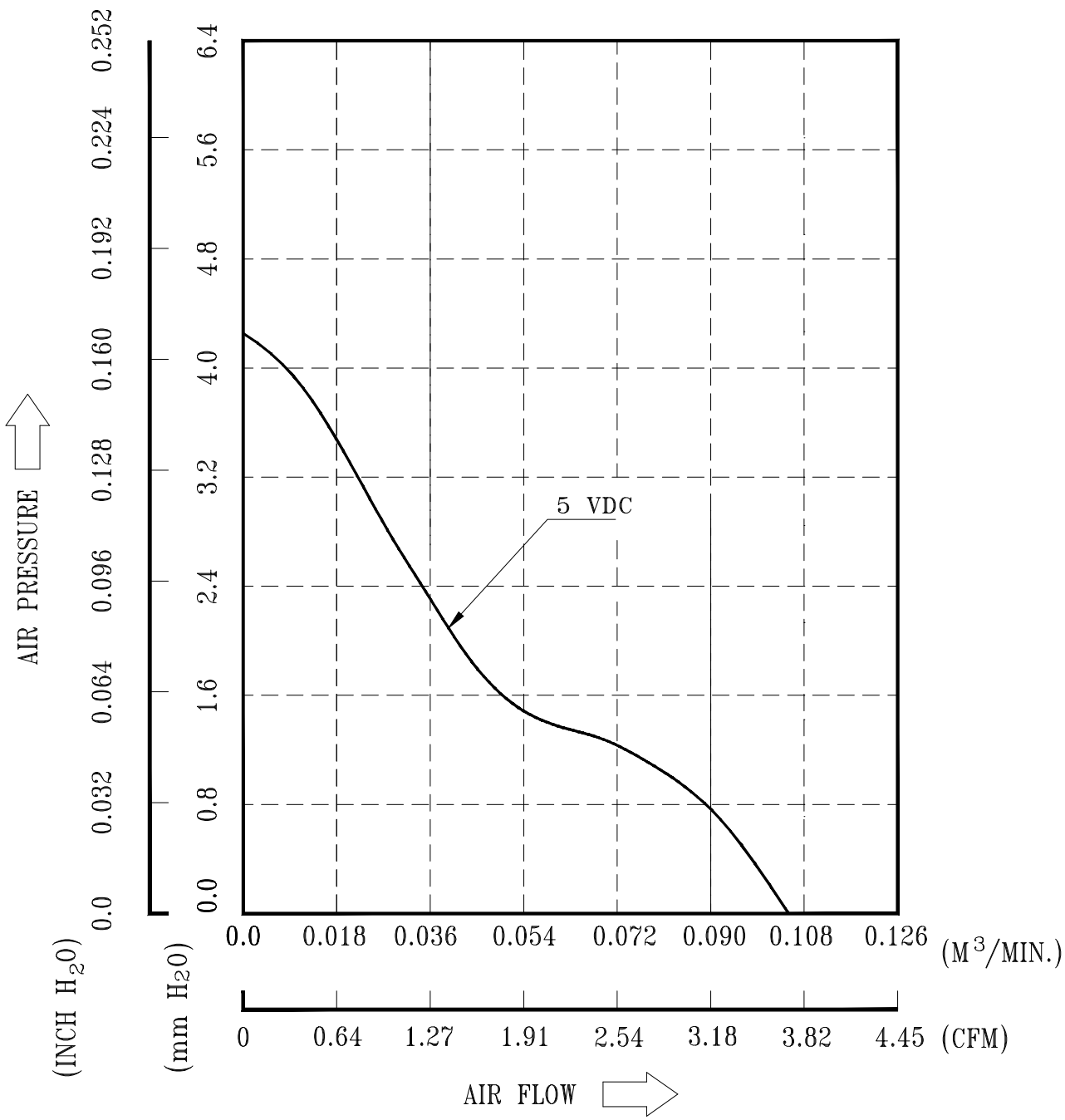
7. PRODUCTION LOCATION

7-1. PRODUCTS WILL BE PRODUCED IN CHINA OR THAILAND.

PART NO:

DELTA MODEL: ASB0305MA-C

8. P & Q CURVE: 9000 R.P.M. , FREE AIR

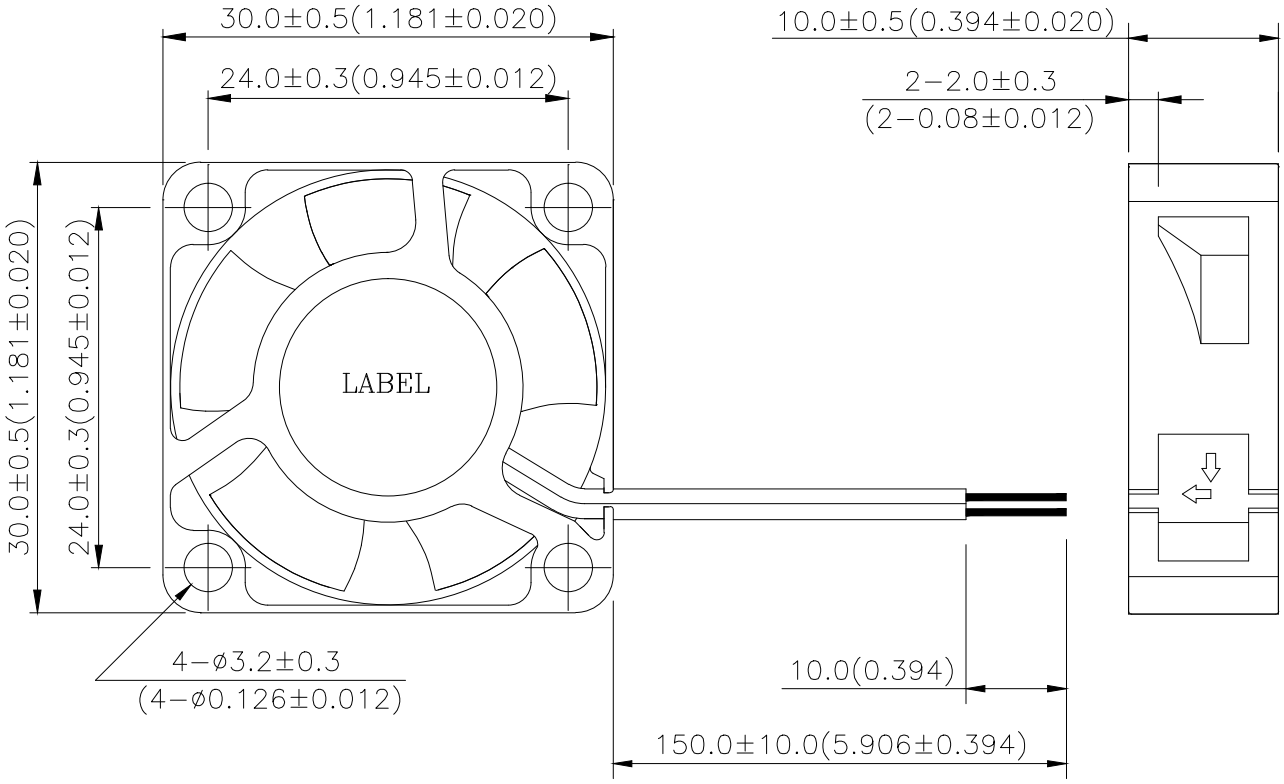


* TEST CONDITION: INPUT VOLTAGE ------- OPERATION VOLTAGE
TEMPERATURE -------- ROOM TEMPERATURE
HUMIDITY ---------- 65%RH
AVERAGE DATA BASED ON LIMITED SAMPLE QTY

PART NO:

DELTA MODEL: ASB0305MA-C

9. DIMENSION DRAWING:



UNIT: mm(INCH)

NOTES: 1. THIS PRODUCT IS RoHS COMPLIANT
2. UL 1061 -F- AWG #26
BLACK WIRE NEGATIVE(-)
RED WIRE POSITIVE(+)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Delta Electronics:

ASB0305MA-C ASB0305MA-CR00