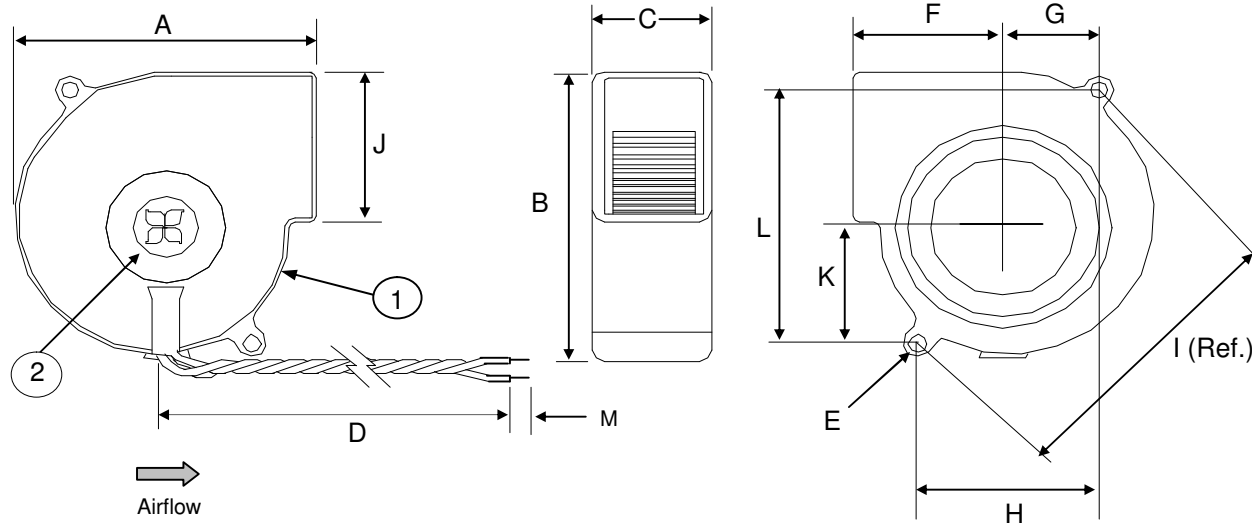


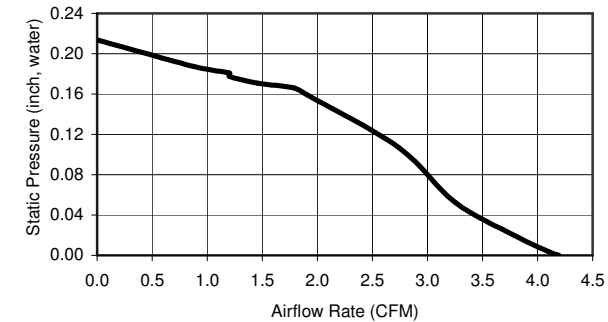
**NOT RELEASED FOR PRODUCTION**

| Revision History |     |          |              |           |
|------------------|-----|----------|--------------|-----------|
| EC No            | REV | Date     | Description  | Approvals |
| NA               | X00 | 12/19/11 | Created Dwg. | JE        |
| NA               | X01 | 12/2/14  | Updated RPM  | JE        |

- NOTES
- THIS BLOWER AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2011/65/EU
  - BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER AND DRAWING.
  - TWIST WIRES 1 TURN MIN PER 10 MM




| WIRE DESIGNATION |            |
|------------------|------------|
| FUNCTION         | WIRE COLOR |
| GND (-)          | Black      |
| PWR (+)          | Red        |



PQ CURVE

| All Dimensions in mm |                    |
|----------------------|--------------------|
| A                    | 57.0 +/- 0.5       |
| B                    | 57.0 +/-0.5        |
| C                    | 28.0 +/-0.5        |
| D                    | 300 +/- 30         |
| E                    | 2 x 4.4 Dia +/-0.5 |
| F                    | 28.2 +/-0.5        |
| G                    | 23.2 +/-0.3        |
| H                    | 44.7 +/-0.3        |
| I                    | 60.8 +/- 0.5 Ref   |
| J                    | 29.1 +/-0.3        |
| K                    | 21.3 +/-0.3        |
| L                    | 43.6 +/- 0.3       |
| M                    | 6.4 +/- 1.0        |

|                     | ITEM                 | SPECIFICATION   | UNITS / NOTES          |
|---------------------|----------------------|-----------------|------------------------|
| MECHANICAL          | Speed                | 5000 +/- 10%    | RPM at 12 Vdc          |
|                     | Airflow              | 4.2             | CFM in Free Air        |
|                     | Static Pressure      | 0.21            | Inch, H <sub>2</sub> O |
|                     | Bearing Type         | Dual Ball       | N/A                    |
|                     | Operating Temp       | (-)10 to 70     | Deg C                  |
|                     | Storage Temp         | (-)40 to 70     | Deg C                  |
|                     | Noise Level          | 32.2            | dBA Max at 1M          |
| PHYSICAL            | Blade Material       | UL 94V-0        | N/A                    |
|                     | Frame Material       | UL 94V-0        | N/A                    |
|                     | Wire Size            | 26              | AWG                    |
|                     | Wire Type            | UL 1061         | N/A                    |
|                     | Wire Assembly        | First Slot Only | N/A                    |
| ELECTRICAL          | Regulatory Approvals | UL CUL TUV      | N/A                    |
|                     | Net Weight           | TBD             | Grams                  |
|                     | Operating Voltage    | 10.8 to 13.2    | Vdc                    |
|                     | Startup Voltage      | 10.8            | Vdc                    |
|                     | Rated Current        | 0.13 (0.14 Max) | Amp                    |
|                     | Input Power          | 1.56 (1.68 Max) | Watts                  |
|                     | Tach Output          | NA              | Pulses/Rev             |
| Polarity Protection | Yes                  | N/A             |                        |
| Motor Protection    | Yes                  | Type 2          |                        |

|                                     |     |  |                              |              |
|-------------------------------------|-----|--|------------------------------|--------------|
| 2                                   | 1   | Logo Label   | L05700B0003                  | JMC          |
| 1                                   | 1   | Fan Model  | B5728-12 387Y                | JMC          |
| Item                                | Qty | Description  | Part Number                  | MFG          |
| Austin Texas, USA<br>Dong Guan, PRC |     |  Blower, 57x57x28 mm, 12 Vdc, Dual Ball, Base Model |                              |              |
| Drawn By<br>A. Aguirre              |     | Size<br>A1   | Drawing Number<br>05700B0003 | Rev<br>X01   |
| Engineer<br>J. Elmo                 |     | Scale: None  |                              | Sheet 1 of 1 |

PROPRIETARY NOTE

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