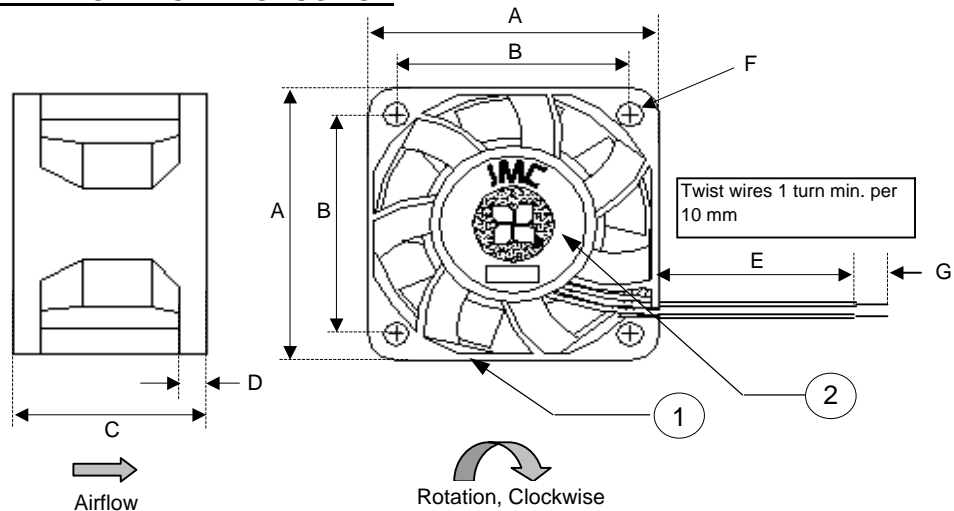


NOT RELEASED FOR PRODUCTION

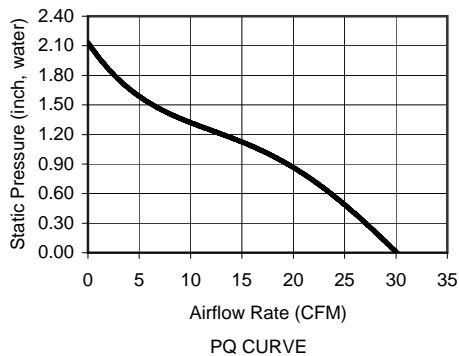


| WIRE DESIGNATION | |
|------------------|-------|
| GND (-) | Black |
| PWR (+) | Red |

| All Dimensions in mm | |
|----------------------|-----------------|
| A | 40.0 +/- 0.5 |
| B | 32.0 +/- 0.3 |
| C | 28.0 +/- 0.5 |
| D | 4.0 +/-0.3 |
| E | 300 +/- 25 |
| F | 4 X 3.5 +/- 0.3 |
| G | 6.3 +/- 1.0 |

Frame Type (Closed Barrell)

| | ITEM | SPECIFICATION | UNITS / NOTES |
|------------|-------------------------|-----------------|------------------------|
| MECHANICAL | Speed | 20,000 +/- 10% | RPM at 12 Vdc |
| | Airflow | 30.0 | CFM in Free Air |
| | Static Pressure | 2.10 | Inch, H ₂ O |
| | Bearing Type | Ball, Dual | N/A |
| | Operating Temp | (-)10 to 60 | Deg C |
| | Storage Temp | (-)40 to 70 | Deg C |
| | Noise Level | 61.0 | dBA Max at 1M |
| PHYSICAL | Blade Material | UL 94V-0 | N/A |
| | Frame Material | UL94V-0 | N/A |
| | Wire Size | 26.0 | AWG |
| | Wire Type | UL 1061 | N/A |
| | Wire Assembly | First Slot Only | N/A |
| | Regulatory Approvals | UL CUL TUV | N/A |
| ELECTRICAL | Net Weight | 46 | Grams |
| | Operating Voltage | 10.8 - 12.6 | Vdc |
| | Start up PWM duty cycle | NA | % |
| | Rated Current | 0.9 | Amp |
| | Input Power | 10.8 | Watts |
| | Tach Output | NA | Pulses/Rev |
| | Polarity Protection | Yes | N/A |
| | Motor Protection | By Auto-Restart | N/A |



| Revision History | | | | |
|------------------|-----|----------|-------------------|-----------|
| EC No | REV | Date | Description | Approvals |
| N/A | X00 | 5/19/08 | Created Dwg. | SA |
| N/A | X01 | 11/11/08 | Updt PQ & Current | DG |
| | | | | |

- NOTES**
- 1) THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2002/95/EC
 - 2) UTILIZATION OF VIBRATION ISOLATION GROMMETS OR MOUNTS IS RECOMMENDED FOR FAN SPEED HIGHER THAN 15,000 RPM.
 - 3) THIS IS A BASE MODEL FAN. ANY CHANGES TO THE SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER AND DRAWING.

| 2 | 1 | Logo Label | L04004B0003 | JMC |
|-------------------------------------|-----|-------------------------------|---|--------------|
| 1 | 1 | Fan Model | 4028-12 | JMC |
| Item | Qty | Description | Part Number | MFG |
| Austin Texas, USA Dong Guan, PRC | | JMC The Fan Company | Fan, 40x28 FV, 12Vdc DBB, Base Model | |
| Mechanical Engineer D Ganner | | Size A1 | Drawing Number 04004B0003 | Rev X01 |
| Electrical Engineer J. Elmo | | Scale: None | | Sheet 1 of 1 |

PROPRIETARY NOTE