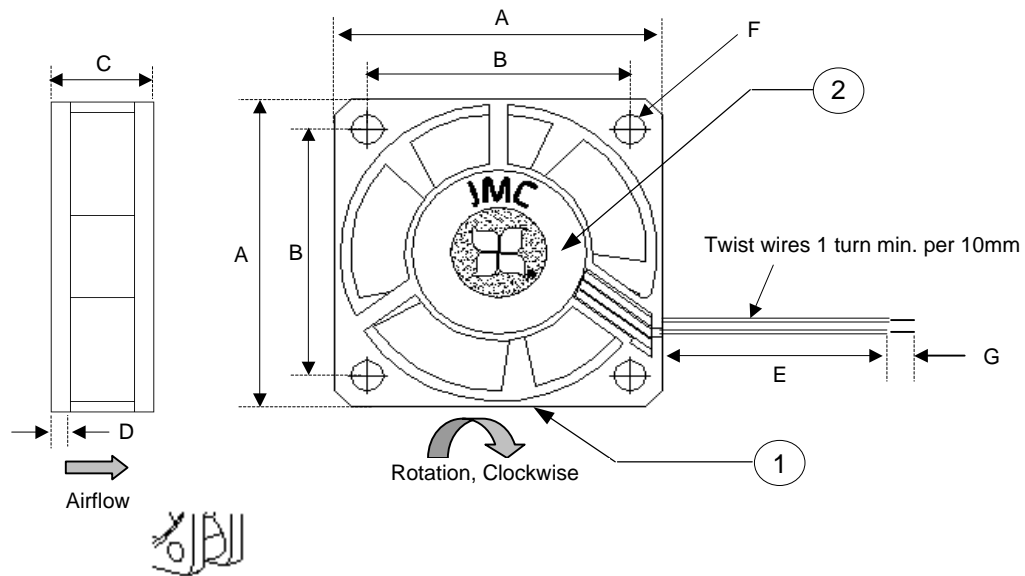


| Revision History | | | | |
|------------------|-----|----------|-----------------|-----------|
| EC No | REV | Date | Description | Approvals |
| NA | X00 | 6/1/2008 | Created Drawing | SA |
| | | | | |
| | | | | |



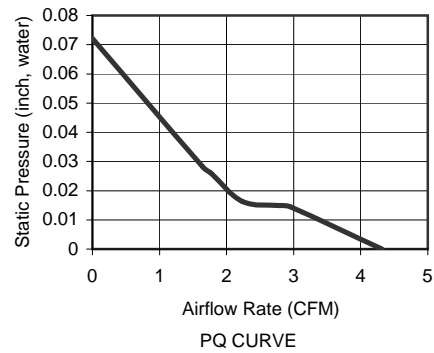
- NOTES**
1. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2002/95/EC
 2. BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER.

Frame Type (Closed Barrell)

| WIRE DESIGNATION | |
|------------------|------------|
| Wire Color | Function |
| Black | GND |
| Red | PWR, 12Vdc |

| All Dimensions in mm | |
|----------------------|---------------------|
| A | 40 +/- 0.5 |
| B | 32 +/- 0.3 |
| C | 20 +/- 0.5 |
| D | 3 +/- 0.3 |
| E | 300 +/- 25 |
| F | 4 X 4.3 Dia +/- 0.3 |
| G | 6.4 +/- 1.0 |

| | ITEM | SPECIFICATION | UNITS / NOTES |
|------------|----------------------|---------------|------------------------|
| MECHANICAL | Speed | 4300 +/- 10% | RPM at 12 Vdc |
| | Airflow | 4.3 | CFM in Free Air |
| | Static Pressure | 0.07 | Inch, H ₂ O |
| | Bearing Type | Dual Ball | N/A |
| | Operating Temp | (-)10 to 70 | Deg C |
| | Storage Temp | (-) 40 to 70 | Deg C |
| | Noise Level | 20.6 | 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 1007 | N/A |
| | Wire Assembly | First Slot | N/A |
| | Regulatory Approvals | UL CUL TUV | N/A |
| ELECTRICAL | Net Weight | TBD | Grams |
| | Operating Voltage | 10 to 13.2 | Vdc |
| | Starting Voltage | 10.0 | Vdc |
| | Rated Current | 0.06 | Amp |
| | Input Power | 0.72 | Watts |
| | Tach Output | NA | Pulses/Rev |
| | Polarity Protection | Yes | N/A |
| | Motor Protection | By Impedance | N/A |



| | | | | |
|-------------------------------------|-----|-------------|--|------------------------------|
| 2 | 1 | Logo Label | L04001B0001 | JMC |
| 1 | 1 | Fan Model | 4020 - 12 | JMC |
| Item | Qty | Description | Part Number | MFG |
| Austin Texas, USA Dong Guan, PRC | | | Fan, 40 x 20 mm, 12Vdc, Dual Ball, Base Model | |
| Drawn By S. Apsangi | | | Size A1 | Drawing Number 04001B0001 |
| Engineer J. Elmo | | Scale: None | | Sheet 1 of 1 |

PROPRIETARY NOTE