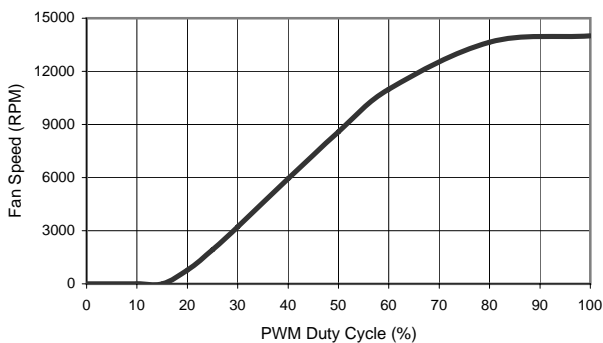


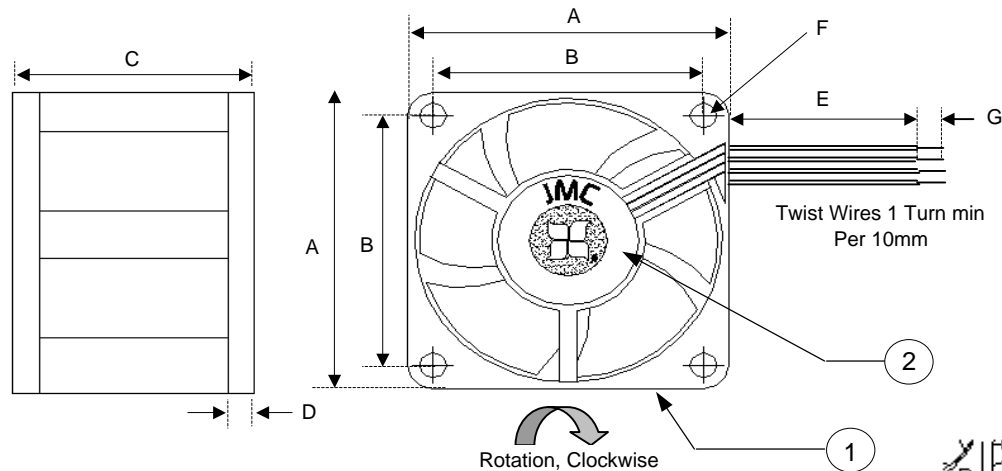
| Revision History | | | | |
|------------------|-----|----------|--------------|-----------|
| EC No | REV | Date | Description | Approvals |
| NA | X00 | 6/7/2008 | Created Dwg. | SA |
| | | | | |
| | | | | |

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.



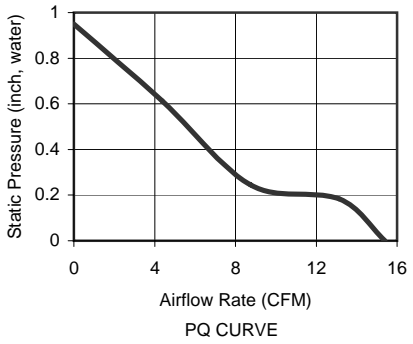
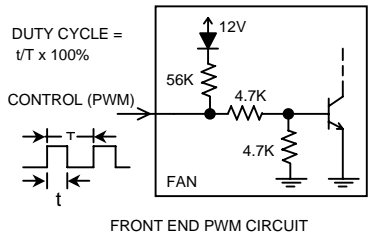
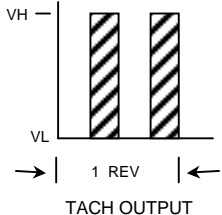
PWM DUTY CYCLE vs. FAN SPEED



Frame Type (Closed Barrel)

| All Dimensions in mm | |
|----------------------|---------------------|
| A | 40 +/- 0.5 |
| B | 32.5 +/- 0.3 |
| C | 28 +/- 0.5 |
| D | 4 +/- 0.3 |
| E | 300 +/- 25 |
| F | 4 X 3.5 Dia +/- 0.3 |
| G | 6.4 +/- 1.0 |

| WIRE DESIGNATION | |
|------------------|-------------|
| Wire Color | Function |
| Black | GND (-) |
| Yellow | PWR (12Vdc) |
| Green | TACH |
| Blue | PWM |



| | ITEM | SPECIFICATION | UNITS / NOTES |
|---------------------|----------------------|---------------|------------------------|
| MECHANICAL | Speed | 14000 +/- 10% | RPM at 12 Vdc |
| | Airflow | 15.4 | CFM in Free Air |
| | Static Pressure | 0.95 | Inch, H ₂ O |
| | Bearing Type | Ball, Dual | N/A |
| PHYSICAL | Operating Temp | (-)10 to 70 | Deg C |
| | Storage Temp | (-) 40 to 70 | Deg C |
| | Noise Level | 48.0 | dBA Max at 1M |
| | Blade Material | UL 94V-0 | N/A |
| | Frame Material | UL 94V-0 | N/A |
| | Wire Size | 26 | AWG |
| ELECTRICAL | Wire Type | UL1061 | N/A |
| | Wire Assembly | First Slot | N/A |
| | Regulatory Approvals | UL CUL TUV | N/A |
| | Net Weight | TBD | Grams |
| | Operating Voltage | 10.8 - 13.2 | Vdc |
| | Start up Duty Cycle | 30 | % |
| | Rated Current | 0.5 | Amp |
| | Input Power | 6.0 | Watts |
| Tach Output | 2 | Pulses/Rev | |
| Polarity Protection | Yes | N/A | |
| Motor Protection | By Auto Restart | N/A | |

| 2 | 1 | Logo Label | L04003B0004 | JMC |
|---------------------|-----|-----------------|--|---------|
| 1 | 1 | Fan Model | 4028 - 12 | JMC |
| Item | Qty | Description | Part Number | MFG |
| Austin Texas, USA | | | Fan, 40 x 28mm, 12Vdc, Dual Ball, Base Model | |
| Dong Guan, PRC | | | | |
| Drawn By S. Apsangi | | The Fan Company | Drawing Number 04003B0004 | Rev X00 |
| Engineer J. Elmo | | Size A1 | 04003B0004 | X00 |
| Scale: None | | | Sheet 1 of 1 | |

PROPRIETARY NOTE

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