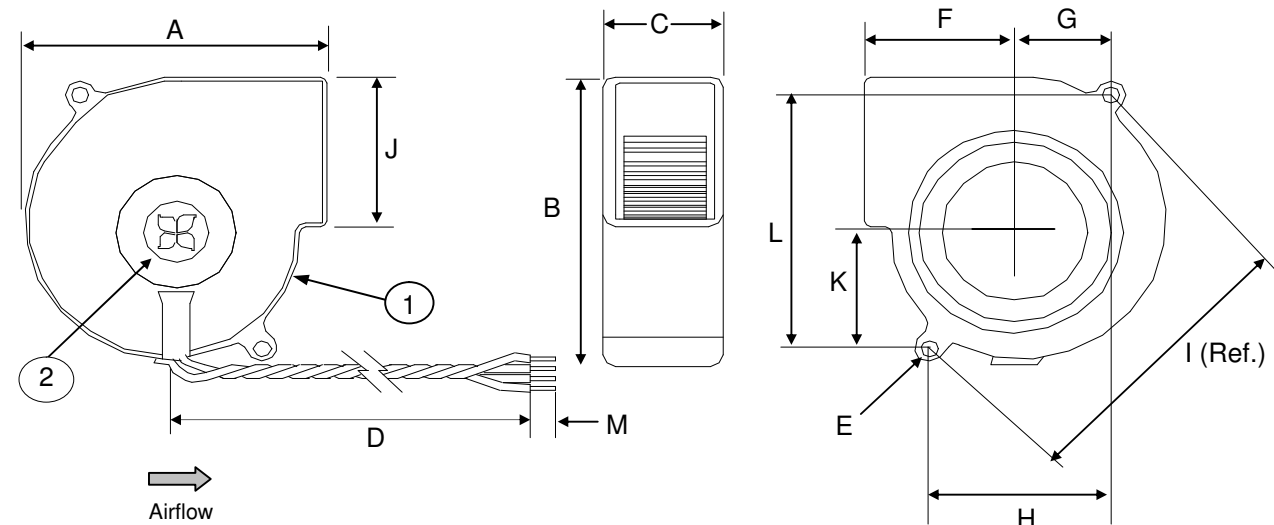
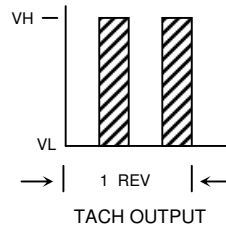


NOT RELEASED FOR PRODUCTION



CONNECTOR PINOUT	
FUNCTION	WIRE COLOR
GND (-)	Black
PWR (+)	Yellow
Signal (Tach)	Green
PWM	Blue

	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	6000 +/- 10%	RPM at 12 Vdc
	Airflow	2.50	CFM in Free Air
	Static Pressure	0.28	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	32.1	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
	Start up Duty Cycle	30	%
	Rated Current	0.08 (0.09 Max)	Amp
	Input Power	0.96 (1.08 Max)	Watts
	Tach Output	2	Pulses/Rev
Polarity Protection	Yes	N/A	
Motor Protection	Yes	Type 2	

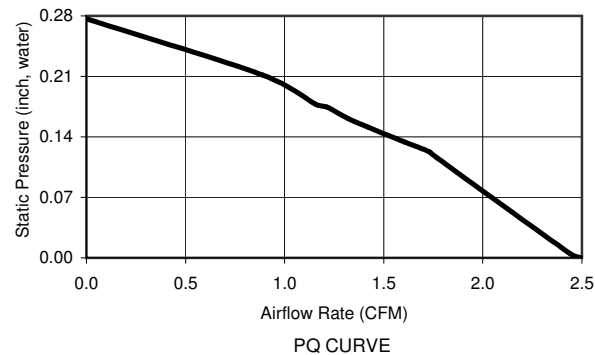
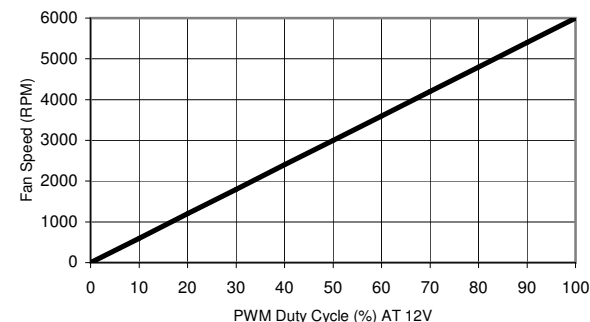


All Dimensions in mm	
A	40.0 +/- 0.5
B	40.0 +/-0.5
C	20.0 +/-0.5
D	300 +/- 30
E	2 x 3.5. Dia +/-0.5
F	20.2 +/-0.5
G	17.05 +/-0.3
H	34.5 +/-0.3
I	49.3 +/- 0.5 Ref
J	30.0 +/-0.3
K	16.4 +/-0.3
L	34.5 +/- 0.3
M	6.4 +/- 1.0

Revision History				
EC No	REV	Date	Description	Approvals
NA	X00	12/15/11	Created Dwg.	JE
NA	X01	12/1/14	Updt. RPM	JE

NOTES

1. THIS BLOWER AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2011/65/EU
2. BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER AND DRAWING.
3. RPM TOLERANCE IS +/-30% AT DUTY CYCLES BELOW 30%. AT DUTY CYCLES BETWEEN 30% AND 100%, RPM TOLERANCE CONVERGES LINEARLY TO 10%.
4. TWIST WIRES 1 TURN MIN PER 10 MM



2	1	Logo Label	L04008B0004	JMC
1	1	Fan Model	B4020-12 432Y	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC			Blower, 40x40x20 mm, 12 Vdc PWM, Dual Ball, Base Model	
Drawn By A. Aguirre			Size A1	Drawing Number 04008B0004
Engineer J. Elmo		Scale: None		Sheet 1 of 1

PROPRIETARY NOTE

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