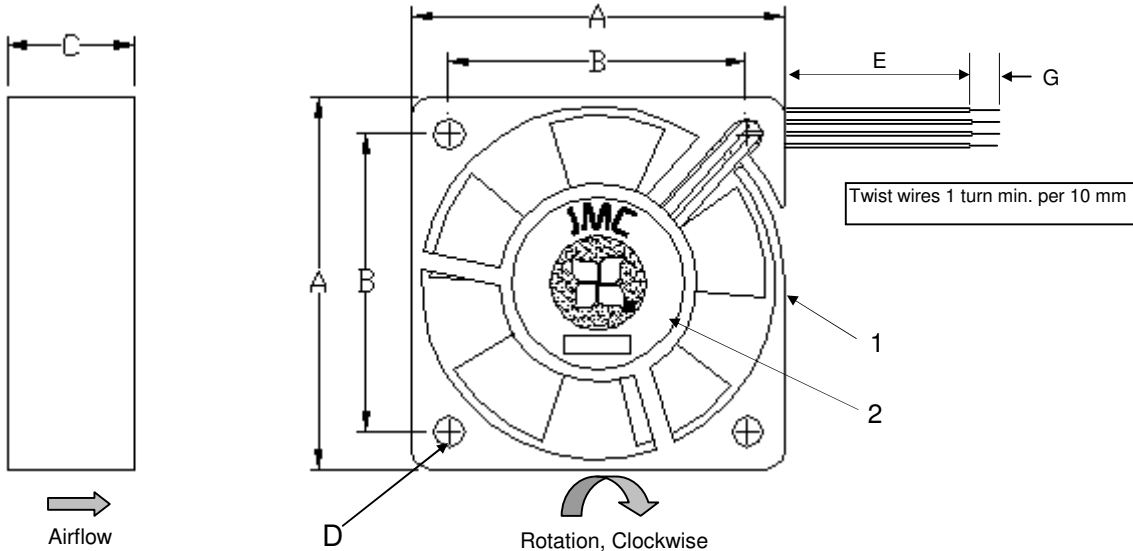
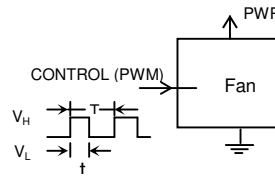


NOT RELEASED FOR PRODUCTION



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

All Dimensions in mm	
A	30 +/-0.5
B	24 +/- 0.3
C	15.0 +/- 0.5
D	3 x 3.2 +/- 0.3
E	300 +/- 30
F	6.4 +/- 1.0

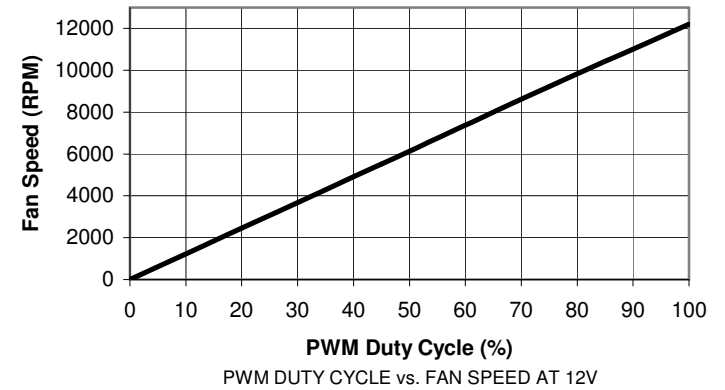


DUTY CYCLE = $t/T \times 100\%$
 PWM Fcy: 25KHz +/-5KHz
 PWM_High V_H : 2.8V - 5.5V
 PWM_Low V_L : 0V - 0.8V
 PWM Pin Open: Full Speed
 FRONT END PWM CIRCUIT

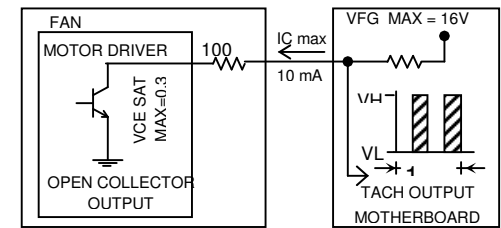
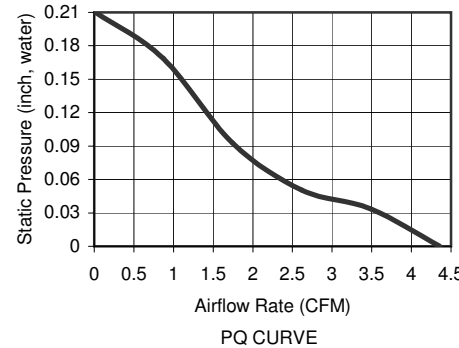
Revision History				
EC No	REV	Date	Description	Approvals
NA	X00	9/19/13	Created Dwg.	JE

NOTES

1. THIS FAN 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.
3. RPM TOLERANCE IS +/-30% AT DUTY CYCLES BELOW 30%. AT DUTY CYCLES BETWEEN 30% AND 100%, RPM TOLERANCE CONVERGES LINEARLY TO 10%.



	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	12200 +/- 10%	RPM at 12 Vdc
	Airflow	4.36	CFM in Free Air
	Static Pressure	0.21	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	34.9	dBA Max at 1M
PHYSICAL	Blade Material	UL 94V-0	N/A
	Frame Material	UL 94V-0	N/A
	Wire Size	28	AWG
	Wire Type	UL 1571	N/A
	Wire Assembly	First Slot	N/A
ELECTRICAL	Regulatory Approvals	UL CUL TUV	N/A
	Net Weight	TBD	Grams
	Operating Voltage	10.8 - 13.2	Vdc
	Start up PWM Duty Cycle	30.0	%
	Rated Current	0.09 (0.10 Max.)	Amp
	Input Power	1.08 (1.20 Max.)	Watts
	Tach Output	NA	Pulses/Rev
	Motor Protection	Yes	Type 2



2	1	Logo Label	L03001B0004	JMC
1	1	Fan Model	3015-12 609Y	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		JMC The Fan Company	Fan, 30x15 mm, 12Vdc, Tach PWM, DBB, Base Model	
Drawn By A. Aguirre	Size A1	Drawing Number 03001B0004	Rev X00	
Electrical Engineer J. Elmo	Scale: None		Sheet 1 of 1	

PROPRIETARY NOTE

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