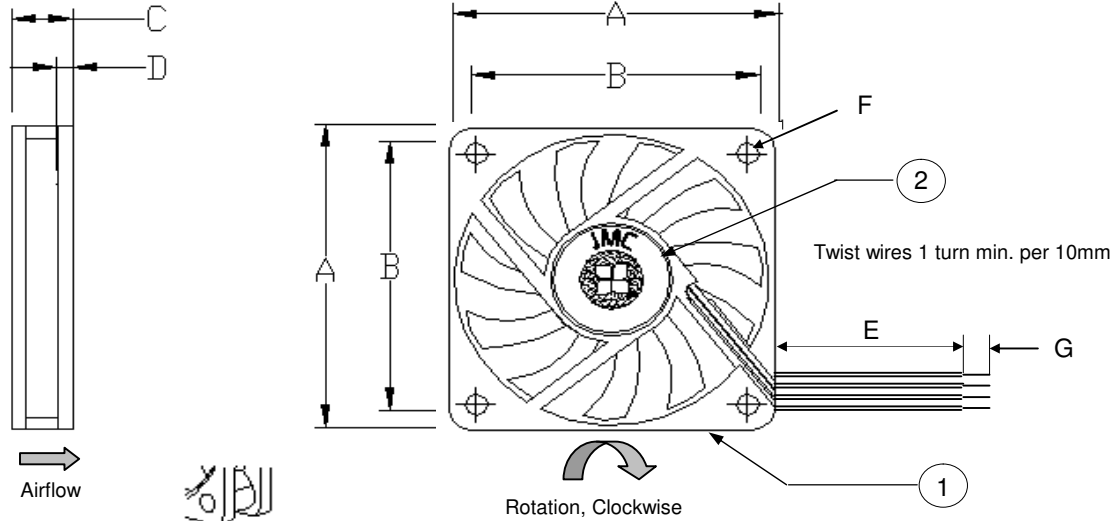


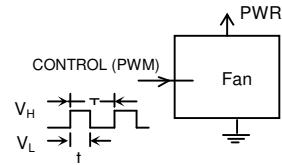
**NOT RELEASED FOR PRODUCTION**



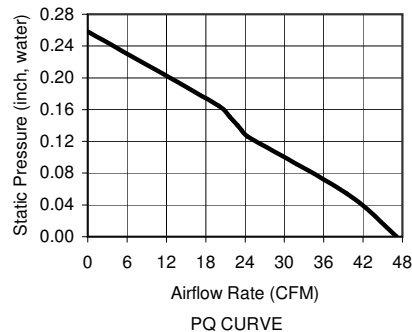
Frame Type (Closed Barrell)

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

All Dimensions in mm	
A	80 +/- 0.5
B	71.5 +/- 0.3
C	15 +/- 0.5
D	3.0 +/- 0.3
E	300 +/- 30
F	4 X 4.3 Dia +/- 0.3
G	6.4 +/- 1.0



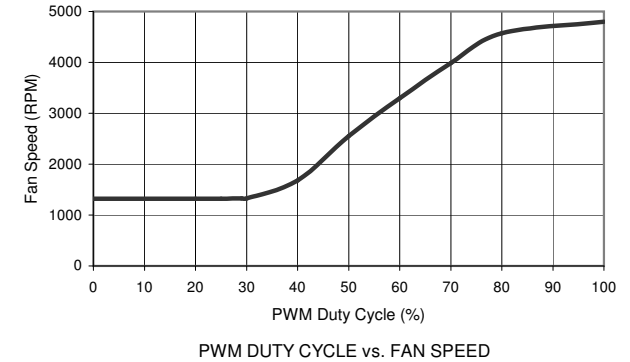
DUTY CYCLE =  $t/T \times 100\%$   
 PWM Fcy: 25KHz +/- 5KHz  
 PWM\_High  $V_H$ : 2.8V - 5.5V  
 PWM\_Low  $V_L$ : 0V - 0.8V  
 PWM Pin Open: Full Speed  
 FRONT END PWM CIRCUIT



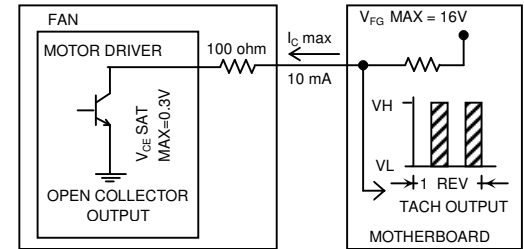
Revision History				
EC No	REV	Date	Description	Approvals
NA	X00	6/3/08	Created Drg.	SA
NA	X01	4/2/14	Updt. Speed	JE

NOTES

- THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2011/65/EU
- BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER.
- 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	4800 +/- 10%	RPM at 12 Vdc
	Airflow	47.13	CFM in Free Air
	Static Pressure	0.26	Inch, H <sub>2</sub> O
	Bearing Type	Ball, Dual	N/A
	Operating Temp	(-) 10 to 70	Deg C
	Storage Temp	(-) 40 to 70	Deg C
	Noise Level	47.4	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 Only	N/A
ELECTRICAL	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	0.45 (0.51 Max)	Amp
	Input Power	5.40 (6.12 Max)	Watts
	Tach Output	2	Pulses/Rev
	Polarity Protection	Yes	N/A
Motor Protection	Yes	Type 2	



2	1	Logo Label	L08000B0004	JMC
1	1	Fan Model	8015 - 12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC			Fan, 80x15 mm, 12Vdc PWM, Dual Ball, Base Model	
Drawn By S. Apsangi			Size A1	Drawing Number 08000B0004
Engineer J. Elmo		Scale: None		Sheet 1 of 1

PROPRIETARY NOTE

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