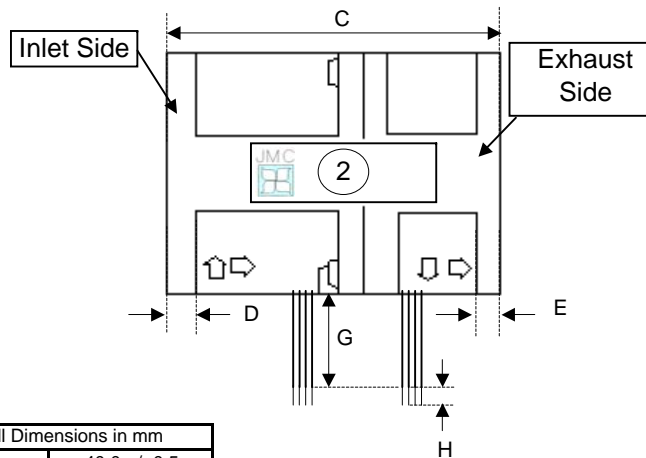
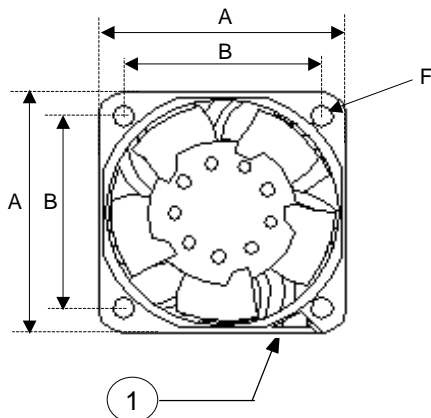


RELEASED FOR PRODUCTION



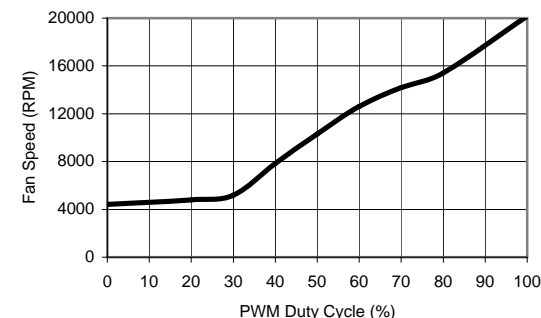
WIRE DESIGNATIONS	
WIRE COLOR	FUNCTION
Black	GND
Yellow	PWR, +12Vdc
Green	TACH
Blue	PWM

All Dimensions in mm	
A	40.0 +/- 0.5
B	32.0 +/- 0.5
C	56.0 +/- 1.0
D	4.8 +/- 0.3
E	4.0 +/- 0.3
F	8 X 3.5 +/- 0.3
G	300 +/- 25
H	6.3 +/- 1.0



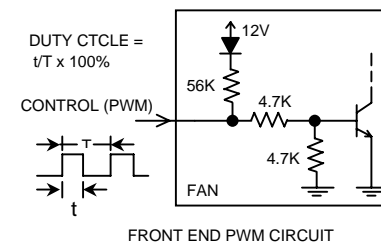
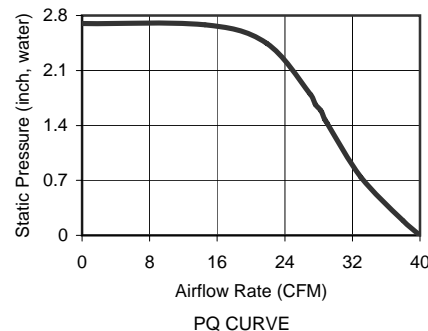
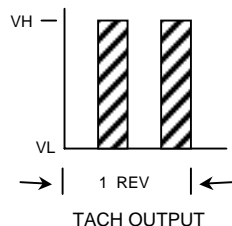
Revision History				
EC No	REV	Date	Description	Approvals
NA	A	1/3/08	Created Dwg.	SA

- NOTES**
- 1) THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2002/95/EC
 - 2) UTILIZATION OF VIBRATION ISOLATION GROMMETS OR MOUNTS IS RECOMMENDED FOR FAN SPEED HIGHER THAN 15,000 RPM.



PWM DUTY CYCLE vs. FAN SPEED

	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	20000 +/- 10%	RPM at 12 Vdc
	Airflow	40.0	CFM in Free Air
	Static Pressure	2.70	Inch, H ₂ O
	Bearing Type	Dual Ball	N/A
	Operating Temp	(-10 to 60)	Deg C
	Storage Temp	(-40 to 70)	Deg C
	Noise Level	68.0	dBA Max at 1M
PHYSICAL	Blade Material	UL 94V-0	N/A
	Frame Material	UL 94V-0	N/A
	Wire Size	28.0	AWG
	Wire Type	UL 1061	N/A
	Wire Assembly	Single Slot, Inlet and Exhaust	N/A
ELECTRICAL	Regulatory Approvals	UL CUL TUV	N/A
	Net Weight	93.0	Grams
	Operating Voltage	10.8 - 12.6	Vdc
	Start up voltage	NA	Vdc
	Start up PWM duty cycle	30	%
	Rated Current	3.10 (3.60 Max.)	Amp
	Input Power	37.2 (43.2 Max.)	Watts
	Tach Output	2.0	Pulses/Rev
	Polarity Protection	Yes	N/A
	Motor Protection	Auto-Restart	N/A



FRONT END PWM CIRCUIT

2	1	Logo Label	L04005B0004	JMC
1	1	Fan Model	404056-12	JMC
Item	Qty	Description	Part Number	MFG

Austin Texas, USA Dong Guan, PRC	JMC The Fan Company	Fan, 40x40x56 mm, 12Vdc Dual Ball, Standard		
Mechanical Engineer S. Apsangi	Size A1	Drawing Number 04005B0004	Rev A	
Electrical Engineer J. Elmo	Scale: None		Sheet 1 of 1	

PROPRIETARY NOTE

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