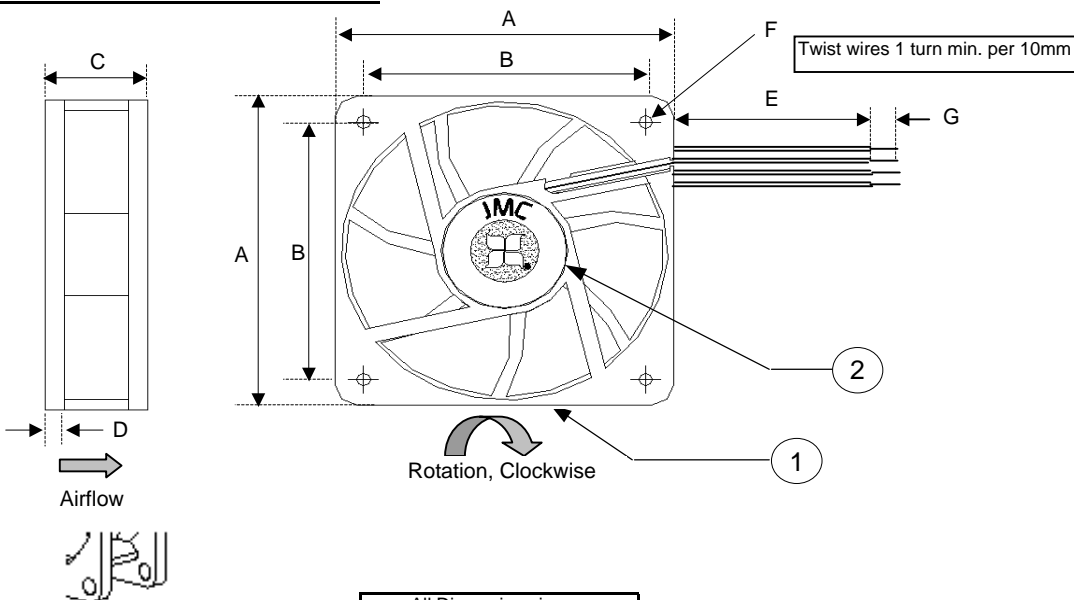


RELEASED FOR PRODUCTION

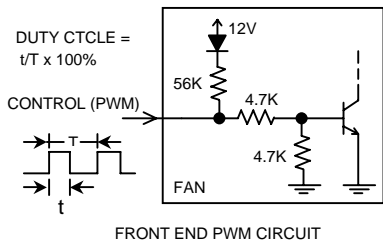


Frame Type (Open Flange)

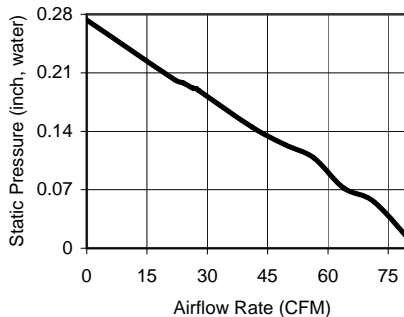
WIRE DESIGNATION		
1	Black	GND
2	Yellow	PWR (+12Vdc)
3	Green	SIGNAL (TACH)
4	Blue	PWM

All Dimensions in mm	
A	92.0 +/- 0.5
B	82.5 +/-0.3
C	25.0 +/-0.5
D	4.0 +/-0.3
E	300 +/- 25
F	8 X 4.4 Dia +/- 0.3
G	6.3 +/- 1.0

	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	900+/-50% / 4000 +/-10%	RPM at 12 Vdc
	Airflow	82.0	CFM in Free Air
	Static Pressure	0.27	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	42.5	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 (at 12V)	0.64	Amp
	Input Power (at 12V)	7.68	Watts
	Tach Output	2	Pulses/Rev
	Polarity Protection	Yes	N/A
Motor Protection	By Auto-Restart	N/A	



FRONT END PWM CIRCUIT



PQ CURVE

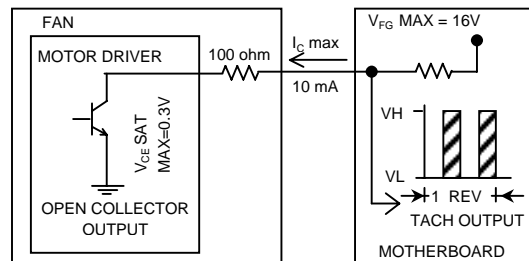
Revision History				
EC No	REV	Date	Description	Approvals
-	REL	4/22/08	RELEASED DWG.	JE

NOTES:

1. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2002/95/EC
2. BALANCE GRADE MUST BE G2.5 OR BETTER IN ACCORDANCE WITH ISO 1940
3. THIS IS A BASE MODEL FAN. ANY CHANGES TO THE SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER AND DRAWING.



PWM DUTY CYCLE vs. FAN SPEED



TACH OUTPUT ELECTRICAL CHARACTERISTICS

2	1	Logo Label	L09200B0004	JMC
1	1	Fan Model	9225 - 12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		JMC The Fan Company	FAN, 92 x 25 mm, 12Vdc Dual Ball, Base Model	
Drawn By P. Chapman	Size A1	Drawing Number 09200B0004	Rev REL	
Electrical Engineer J. Elmo	Scale: None		Sheet 1 of 1	

PROPRIETARY NOTE

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