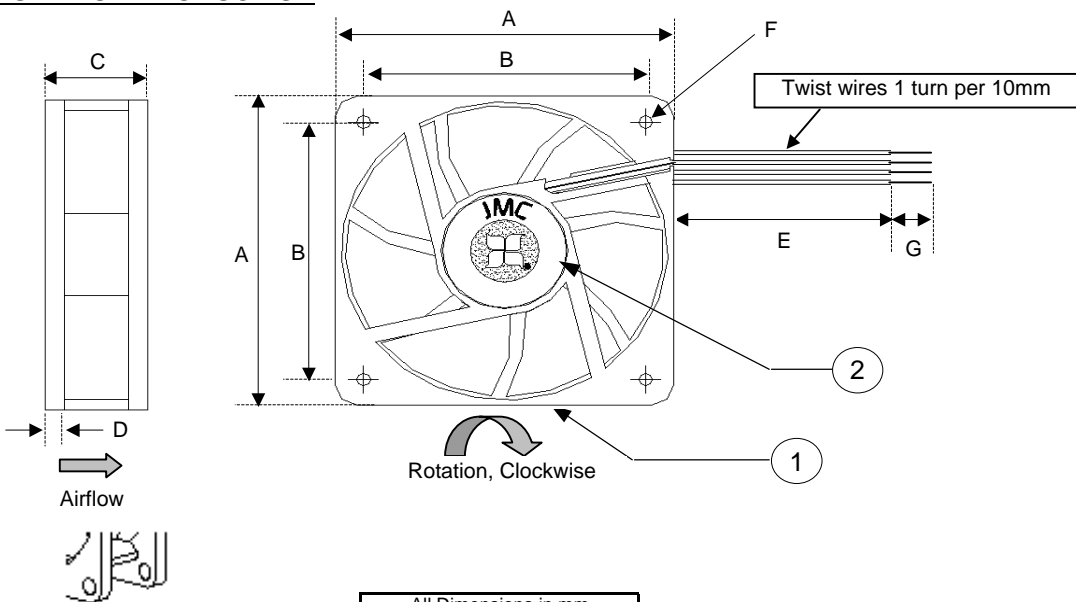


RELEASED FOR PRODUCTION



All Dimensions in mm	
A	80 +/- 0.5
B	71.5 +/- 0.3
C	25 +/- 0.5
D	4 +/- 0.3
E	220 +/- 25
F	8 X 4.3 Dia +/- 0.3
G	6.3 +/- 1.0

Frame Type (Open Flange)

WIRE DESIGNATIONS	
Red	PWR(+)
Blue	PWM
White	Tach
Black	GND(-)

MECHANICAL

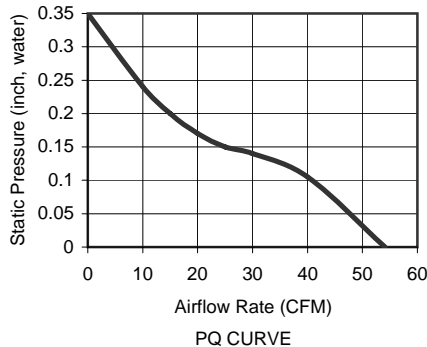
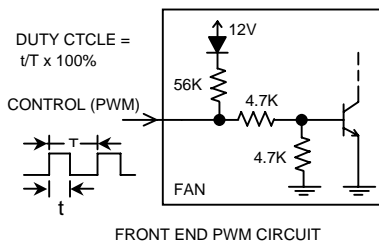
ITEM	SPECIFICATION	UNITS / NOTES
Speed	1100 +/- 30% - 5000 +/- 10%	RPM at 12 Vdc
Airflow	54.1	CFM in Free Air
Static Pressure	0.35	Inch, H ₂ O
Bearing Type	Ball, Dual	N/A
Operating Temp	(-)10 to 70	Deg C
Storage Temp	(-)40 to 70	Deg C
Noise Level	47.1	dBA Max at 1M

PHYSICAL

Blade Material	UL 94V-0	N/A
Frame Material	UL 94V-1	N/A
Wire Size	26	AWG
Wire Type	UL 1007	N/A
Wire Assembly	First Slot Only	N/A
Regulatory Approvals	UL CUL TUV	N/A
Net Weight	TBD	Grams

ELECTRICAL

Operating Voltage	10.8 to 13.2	Vdc
Start up PWM duty cycle	30.0	%
Rated Current	0.55	Amp
Input Power	6.6	Watts
Tach Output	2	Pulses/Rev
Polarity Protection	Yes	N/A
Motor Protection	By Auto Restart	N/A

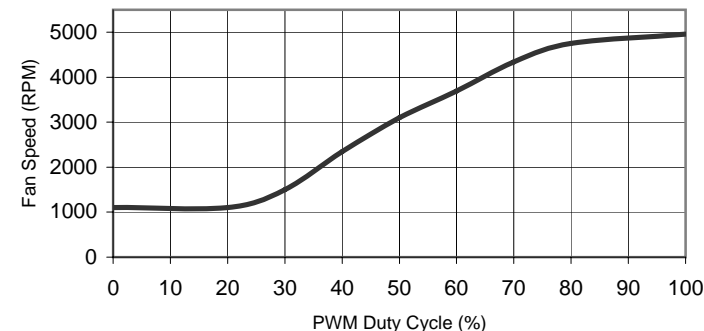


Revision History

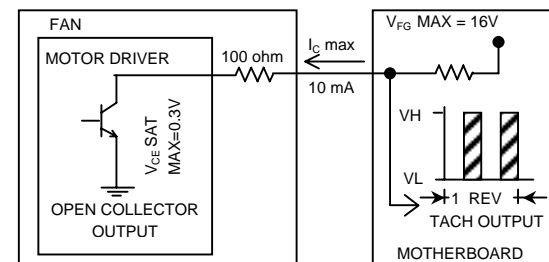
EC No	REV	Date	Description	Approvals
NA	X00	3/19/08	Created DWG	JE
NA	V00	3/23/08	Update	JE
NA	V01	4/8/08	Update PWM Curve	JE
-	REL	4/22/08	Released Dwg.	JE
110637	A	5/21/08	Correct Current per UL	JE

NOTES

1. FAN LABEL MUST BE MARKED WITH DRAWING NUMBER TO AREA AS INDICATED USING SMALLEST LEGIBLE CHARACTER HEIGHT
2. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF ROHS DIRECTIVE 2002/95/EC
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



2	1	Logo Label	L08002B0004	JMC
1	1	Fan Model	8025-12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		JMC The Fan Company	FAN, 80x25 MM 12V, DC PWM, Base Model	
Drawn By P. Chapman	Size A1	Drawing Number 08002B0004	Rev A	
Engineer J. Elmo	Scale: None		Sheet 1 of 1	

PROPRIETARY NOTE

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