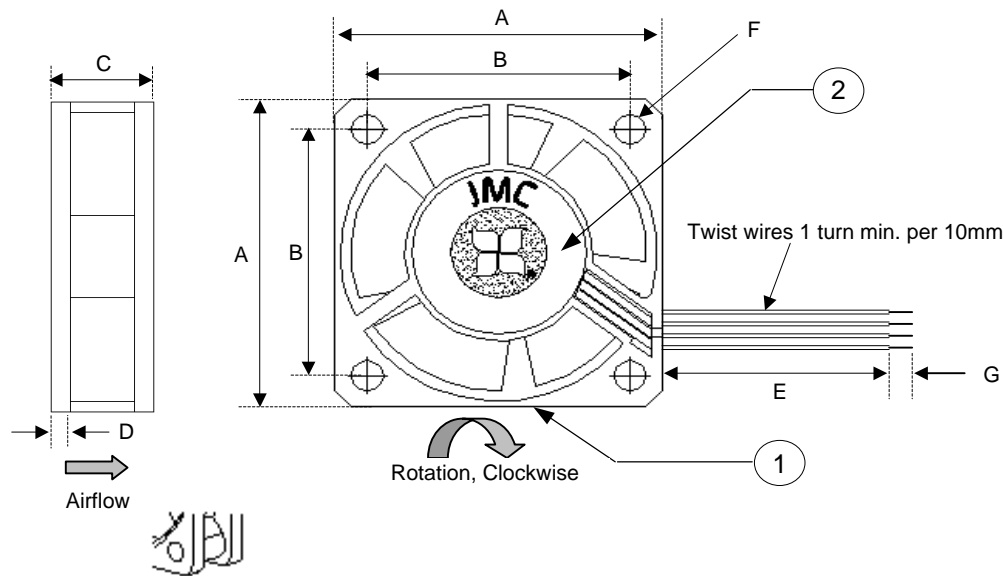
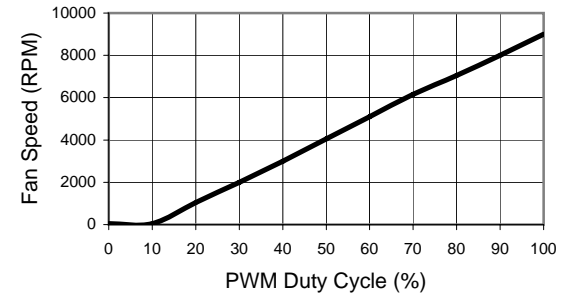


Revision History				
EC No	REV	Date	Description	Approvals
NA	X00	10/26/2009	Created Drawing	DG



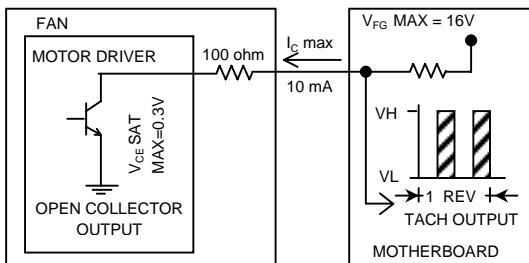
- NOTES**
1. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2002/95/EC
 2. RPM TOLERANCE IS +/-30% AT DUTY CYCLES BELOW 30%
 3. BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER.



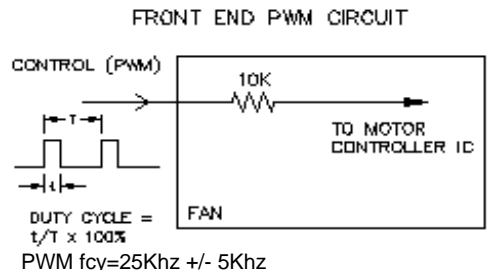
Frame Type (Closed Barrel)

WIRE DESIGNATION	
Black	GND (-)
Yellow	PWR, 12Vdc
Green	Signal (Tach)
Blue	Control (PWM)

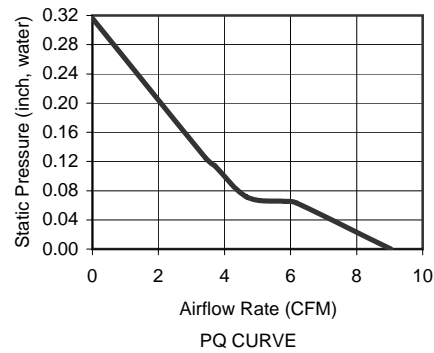
All Dimensions in mm	
A	40 +/- 0.5
B	32 +/- 0.3
C	20 +/- 0.5
D	3 +/- 0.3
E	300 +/- 25
F	4 X 4.3 Dia +/- 0.3
G	6.4 +/- 1.0



TACH OUTPUT ELECTRICAL CHARACTERISTICS



	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	9000 +/- 10%	RPM at 12 Vdc
	Airflow	9.0	CFM in Free Air
	Static Pressure	0.32	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	36.6	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	N/A
ELECTRICAL	Regulatory Approvals	UL CUL TUV	N/A
	Net Weight	25.0	Grams
	Operating Voltage	10.0 to 13.2	Vdc
	Start Up Duty Cycle	30	%
	Rated Current	0.15	Amp
	Input Power	1.8	Watts
	Tach Output	2	Pulses/Rev
	Polarity Protection	Yes	N/A
Motor Protection	By Auto Restart	N/A	



2	1	Logo Label	L04001B0004	JMC
1	1	Fan Model	4020 - 12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA Dong Guan, PRC		JMC The Fan Company	Fan, 40 x 20 mm, 12Vdc, Dual Ball, Base Model	
Drawn By S. Apsangi	Size A1	Drawing Number 04001B0004	Rev X00	
Engineer J. Elmo	Scale: None		Sheet 1 of 1	

PROPRIETARY NOTE