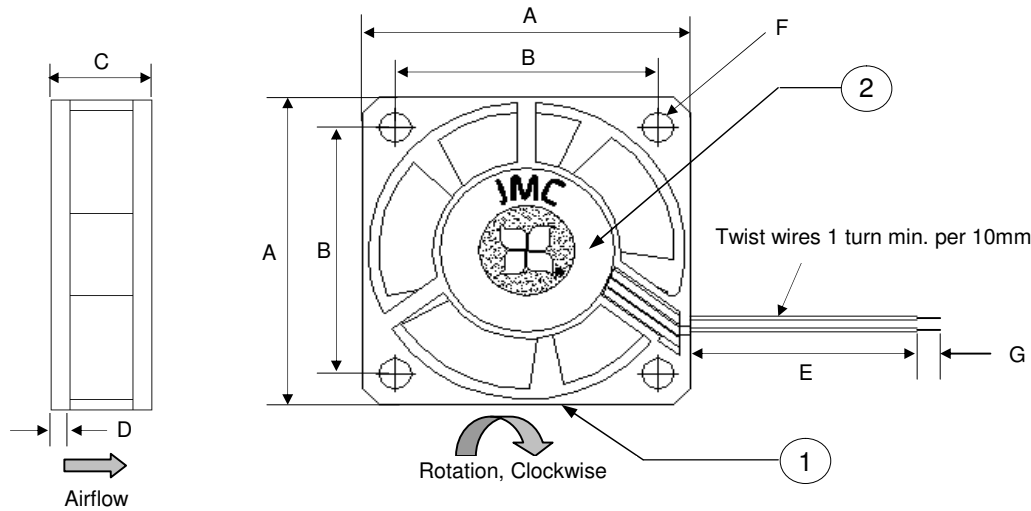


NOT RELEASED FOR PRODUCTION



Revision History				
EC No	REV	Date	Description	Approvals
NA	X00	6/1/2008	Created Drawing	SA
NA	X01	12/1/2010	Chg Operating Voltage	JE
NA	X02	10/11/2013	Updt. Speed	JE

NOTES

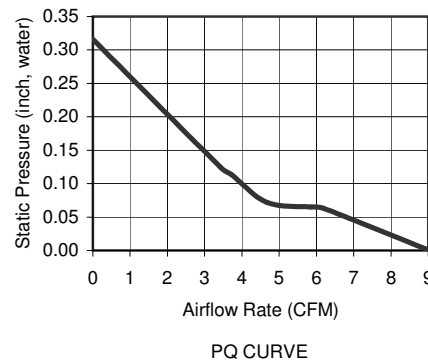
1. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2011/65/EU
2. BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER.

WIRE DESIGNATION	
WIRE COLOR	FUNCTION
Black	GND (-)
Red	PWR (+)

All Dimensions in mm	
A	40 +/- 0.5
B	32 +/- 0.3
C	20 +/- 0.5
D	3 +/- 0.3
E	300 +/- 30
F	4 X 4.3 Dia +/- 0.3
G	6.4 +/- 1.0



	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	35.0	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
	Regulatory Approvals	UL CUL TUV	N/A
ELECTRICAL	Net Weight	TBD	Grams
	Operating Voltage	10.8 to 13.2	Vdc
	Starting Voltage	10.8	Vdc
	Rated Current	0.12 (0.13 Max)	Amp
	Input Power	1.44 (1.56 Max)	Watts
	Tach Output	NA	Pulses/Rev
	Polarity Protection	Yes	N/A
	Motor Protection	Yes	Type 1



2	1	Logo Label	L04001B0003	JMC	
1	1	Fan Model	4020 - 12	JMC	
Item	Qty	Description	Part Number	MFG	
Austin Texas, USA			Fan, 40 x 20 mm, 12Vdc, Dual Ball, Base Model		
Dong Guan, PRC					
Drawn By		The Fan Company	Size	Drawing Number	Rev
S. Apsangi			A1	04001B0003	X02
Engineer		Scale: None		Sheet 1 of 1	
J. Elmo					

PROPRIETARY NOTE

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