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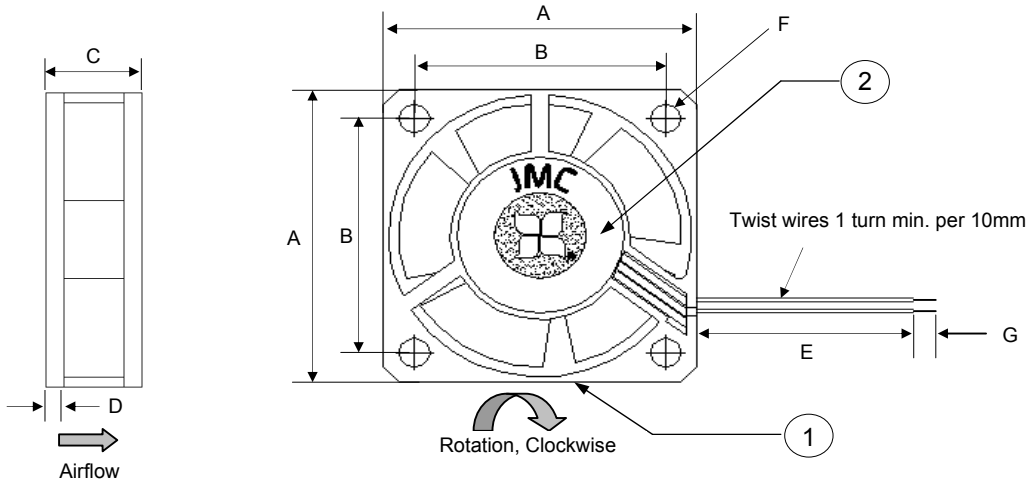
NOT RELEASED FOR PRODUCTION



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
NA	X03	5/13/2015	Updt. Current per test data	JE

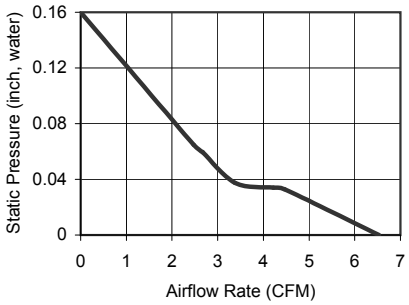
NOTES
1. THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2011/65/EU
2 BASE MODEL FAN - ANY CHANGES TO SPECIFICATION REQUIRES NEW PART NUMBER.

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

Frame Type (Closed Barrell)

	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	6500 +/- 10%	RPM at 12 Vdc
	Airflow	6.5	CFM in Free Air
	Static Pressure	0.16	Inch, H_2O
	Bearing Type	Dual Ball	N/A
	Operating Temp	(-)10 to 70	Deg C
	Storage Temp	(-) 40 to 70	Deg C
	Noise Level	28.0	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
	Net Weight	TBD	Grams
ELECTRICAL	Operating Voltage	10.8 to 13.2	Vdc
	Starting Voltage	10.8	Vdc
	Rated Current	0.08 (0.09 Max)	Amp
	Input Power	0.96 (1.08 Max)	Watts
	Tach Output	NA	Pulses/Rev
	Polarity Protection	Yes	N/A
	Motor Protection	Yes	Type 1



PQ CURVE

2	1	Logo Label	L04001B0002	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	Size	Drawing Number	Rev
S. Apsangi	A1	04001B0002	X03
Engineer: J. Elmo	Scale: None	Sheet 1 of 1	

PROPRIETARY NOTE
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