

SPECIFICATION FOR APPROVAL

CUSTOMER :

DESCRIPTION : DC BRUSHLESS FAN

DIMENSIONS : 20X20X10 mm

M O D E L : KDE0501PFB2-8

APPROVED NO :

APPROVED BY :
(AUTHORZIED)



DAWN.		CHKD.		APPD.		SPEC. NO.	012456300
						ISSUE DATE	12.15.1995
						EDITION	0
						REVISE DATE	

EME Fan & Motor (949) 583-9785 [Fax]
25501 Arctic Ocean Drive (949) 583-9802
Lake Forest, CA. 92630

DC BRUSHLESS FAN**MODEL:KDE0501PFB2-8****CHARACTERISTICS**

1. Input power , Current & Speed : Measured after continuous 30 minutes operation at rated voltage in clean air at ambient temperature of 25 degrees C.
2. Noise Level : Measured in an semi-anechoic chamber with background noise level below 15 dBA. The fan is running in free air with microphone at a distance of one meter from the fan intake.
3. Dielectric Strength : Applied AC 500V for one minute or AC 600V for 2 seconds between housing and lead wire(+)
4. Motor Design : Patented single-coil DC brushless 8 poles motor design.
5. Insulation Resistance : More than 500M ohm between internal stator and lead wire(+) measured by DC 500V.
6. Tolerances : +-15% on rated power and current
7. Motor Protection : Locked rotor protected.
8. Air Performance : Measured by a double chamber The value are recorded when the fan speed is stabilized at rated voltage.



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SPECIFICATIONS

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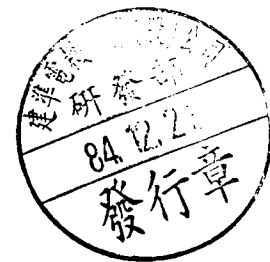
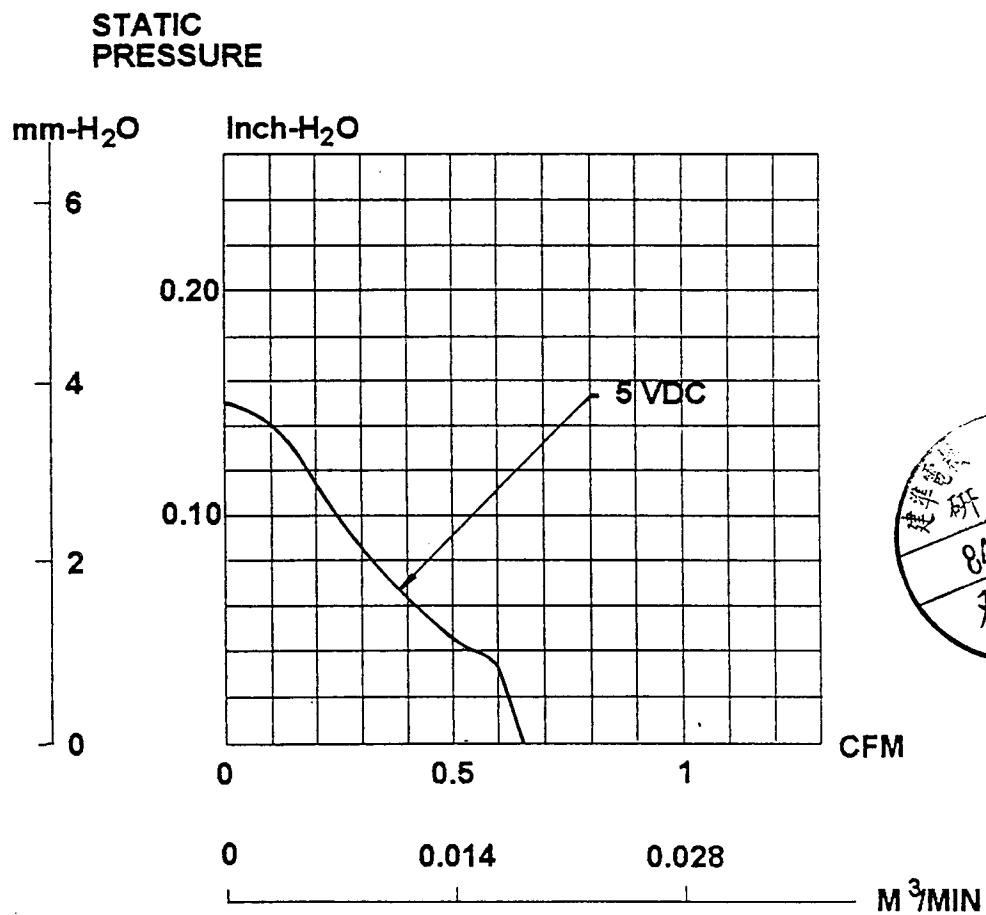
- 1-1. Rated Voltage : 5 VDC
- 1-2. Operating Voltage Range : 4.5-6 VDC
- 1-3. Starting Voltage : 4.5 VDC
- 1-4. Speed (Referance Value) : 14000 RPM
- 1-5. Air Delivery : 0.65 CFM
- 1-6. Static Pressure : 0.15 Inch-H₂O
- 1-7. Rated Current : 0.10 AMP
- 1-8. Rated Power : 0.5 WATTS
- 1-9. Noise Level : 25.5 dB(A)
- 1-10. Direction of Rotation : Clockwies viewed from front face
- 1-11. Operating Temperature : -20 to +80 Deg.C
- 1-12. Storage Temperature : -40 to +80 Deg.C
- 1-13. Bearing System : Precise ball bearing system
- 1-14. Weight : 7g
- 1-15. Safety : UL/CUR Approval



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PERFORMANCE CURVES



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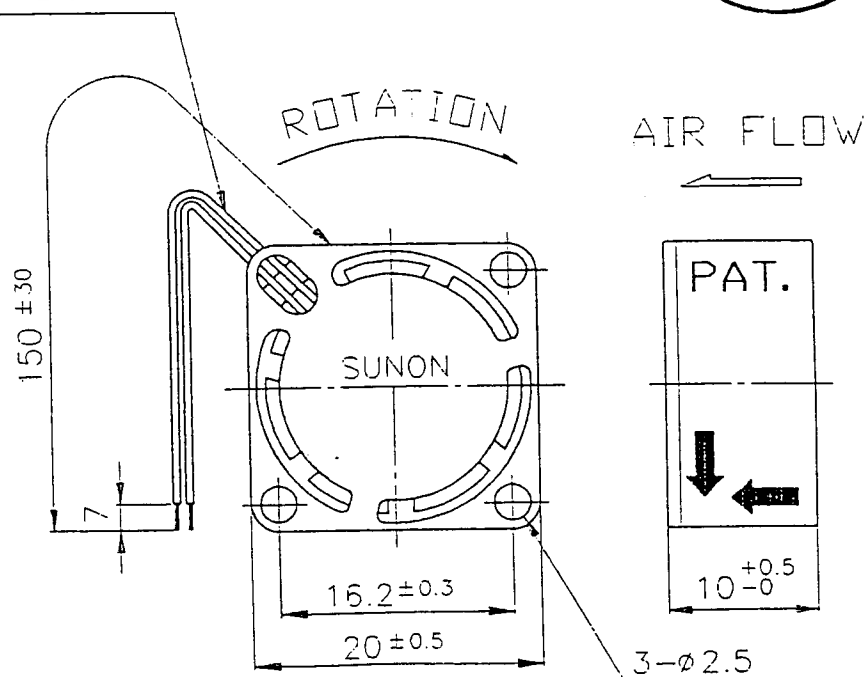
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MATERIAL

- 2-1. Frame : Thermoplastic PBT of UL 94V-0
 2-2. Impeller : Thermoplastic PBT of UL 94V-0
 2-3. Bobbin : Thermoplastic PBT of UL 94V-0
 2-4. Lead Wire : UL1571, 28AWG, +:RED ; -:BLACK

DIMENSIONS

UL1571, #28AWG
 +:RED, -:BLACK



UNIT : mm

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