

SPECIFICATION FOR APPROVAL

CUSTOMER :
DESCRIPTION : DC BRUSHLESS FAN
DIMENSIONS : 40X40X10 mm
MODEL : KDE0504PFB1-8
APPROVED NO :
APPROVED BY :
 (AUTHORZIED)



DAWN.	— 17/8	CHKD.		APPD.		SPEC. NO.	042454300
						ISSUE DATE	12. 30.1995
						EDITION	0
						REVISE DATE	

建準電機工業股份有限公司
 SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD.
 12FL., 120 CHUNG CHENG 1ST RD., TEL:886-7-7163069(41 LINES)
 KAOHSIUNG, TAIWAN, R. O. C. FAX:886-7-7163086~89

DC BRUSHLESS FAN

MODEL: KDE0504PFB1-8

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 : $\pm 15\%$ on rated power and current
7. Motor Protection : Polarity protected & Locked rotor protected.
8. Air Performance : Measured by a double chamber. The value are recorded when the fan speed is stabilized at rated voltage.



建準電機工業股份有限公司
SUNONWEALTH ELECTRIC
MACHINE INDUSTRY CO., LTD.

SPEC. NO.	042454300	REVISE DATE	
ISSUE DATE	12. 30. 1995	EDITION	0
PAGE	2 OF 5		

SPECIFICATIONS

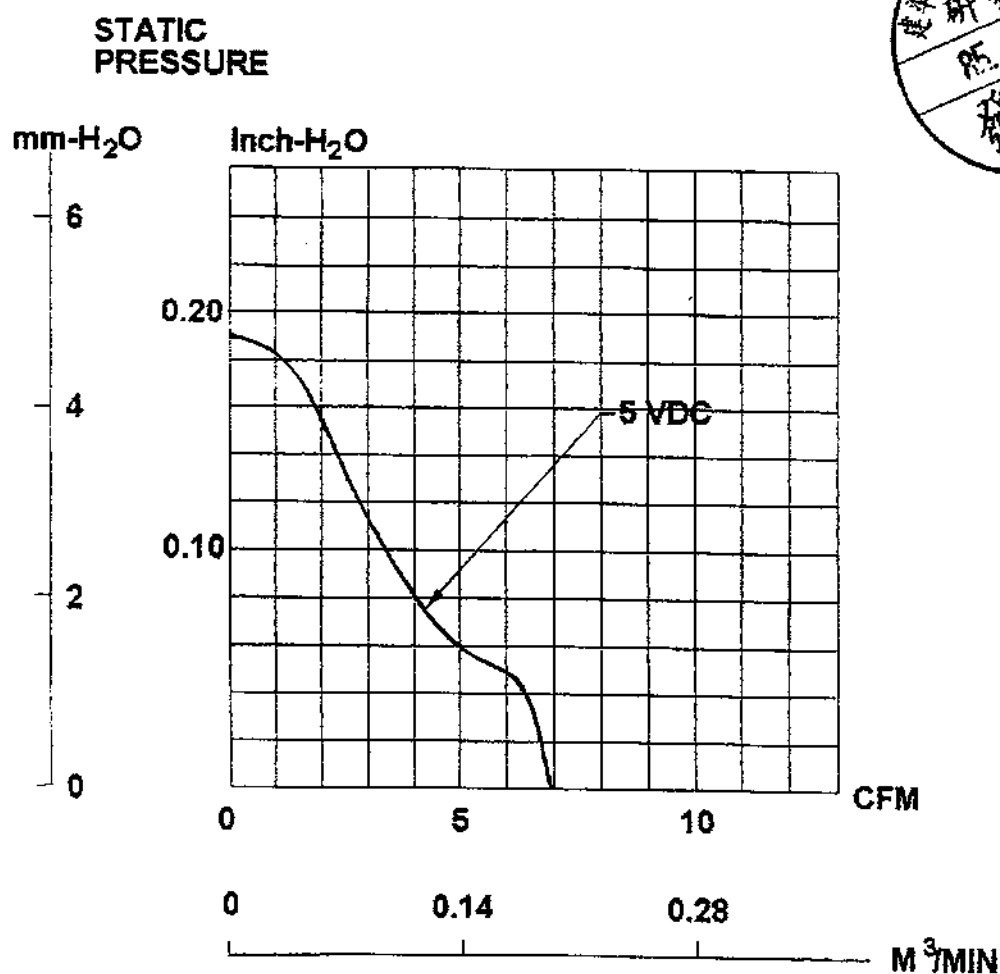
MODEL: KDE0504PFB1-8

1-1. Rated Voltage	: 5 VDC
1-2. Operating Voltage Range	: 4-6 VDC
1-3. Starting Voltage	: 4 VDC
1-4. Rated Speed	: 7300 RPM $\pm$ 1000 RPM
1-5. Air Delivery	: 6.9 CFM
1-6. Static Pressure	: 0.19 Inch-H ₂ O
1-7. Rated Current	: 0.15 AMP
1-8. Rated Power	: 0.7 WATTS
1-9. Noise Level	: 25.5 dB(A)
1-10. Direction of Rotation	: Clockwies viewed from front face
1-11. Operating Temperature	: -10 to +70 Deg.C
1-12. Storage Temperature	: -40 to +70 Deg.C
1-13. Bearing System	: Precise ball bearing system
1-14. Weight	: 20g
1-15. Safety	: UL/CUR Approvals



MODEL: KDE0504PFB1-8

PERFORMANCE CURVES



建準電機工業股份有限公司
SUNONWEALTH ELECTRIC
MACHINE INDUSTRY CO., LTD.

SPEC. NO.

042454300

REVISE DATE

ISSUE DATE

12. 30. 1995

E D I T I O N

0

PAGE

4 OF 5

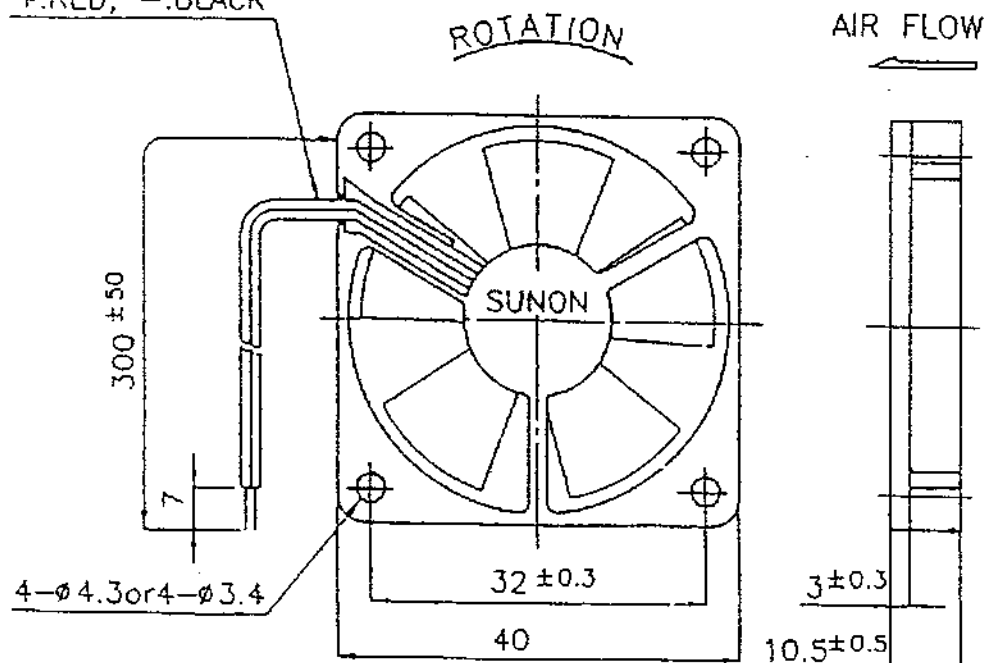
MATERIAL

- 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 : UL2468, 26AWG, +:RED ; -:BLACK

DIMENSIONS



UL2468 #26AWG
 +:RED, -:BLACK



UNIT : mm

建準電機工業股份有限公司
 SUNONWEALTH ELECTRIC
 MACHINE INDUSTRY CO., LTD.

SPEC. NO.	042454300	REVISE DATE	
ISSUE DATE	12. 30. 1995	EDITION	0
PAGE	5 OF 5		