

SPECIFICATION FOR APPROVAL

CUSTOMER :
DESCRIPTION : DC BRUSHLESS FAN
DIMENSIONS : 40X40X20 mm
M O D E L : KDE0504PKB2
APPROVED NO :
APPROVED BY :
 (AUTHORZIED)



DAWN.		CHKD.		APPD.		SPEC. NO.	045455300
						ISSUE DATE	12. 07.1995
						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: KDE0504PKB2

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 4 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.



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SPEC. NO.	045455300	REVISE DATE	
ISSUE DATE	12. 07. 1995	EDITION	0
PAGE	2 OF 5		

SPECIFICATIONS

MODEL: KDE0504PKB2

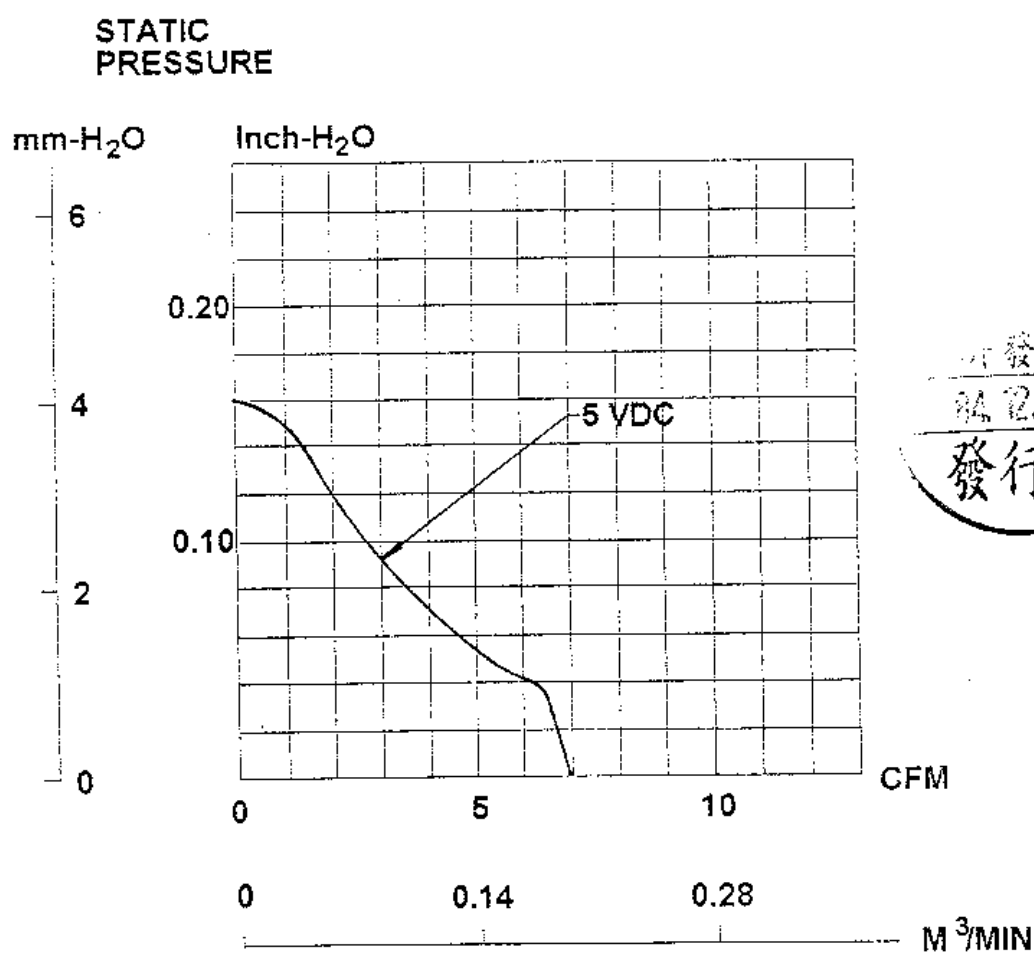
- 1-1. Rated Voltage : 5 VDC
- 1-2. Operating Voltage Range : 4-6 VDC
- 1-3. Starting Voltage : 4 VDC
- 1-4. Rated Speed : 6500 RPM $\pm$ 1000 RPM
- 1-5. Air Delivery : 7 CFM
- 1-6. Static Pressure : 0.16 Inch-H₂O
- 1-7. Rated Current : 0.21 AMP
- 1-8. Rated Power : 1.0 WATTS
- 1-9. Noise Level : 26.5 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 : 20 g
- 1-15. Safety : UL/CUR Approval



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	ISSUE DATE	12. 07. 1995	EDITION	0
	PAGE	3 OF 5		

MODEL: KDE0504PKB2

PERFORMANCE CURVES



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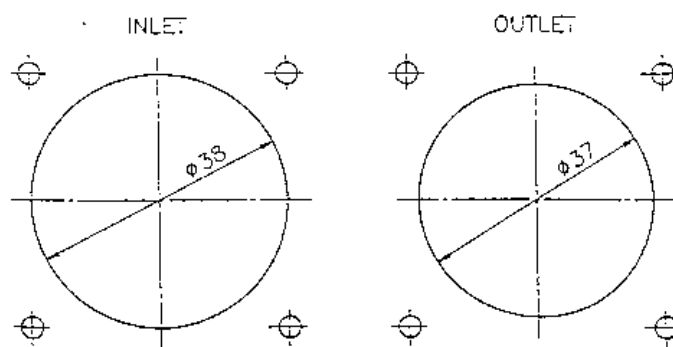
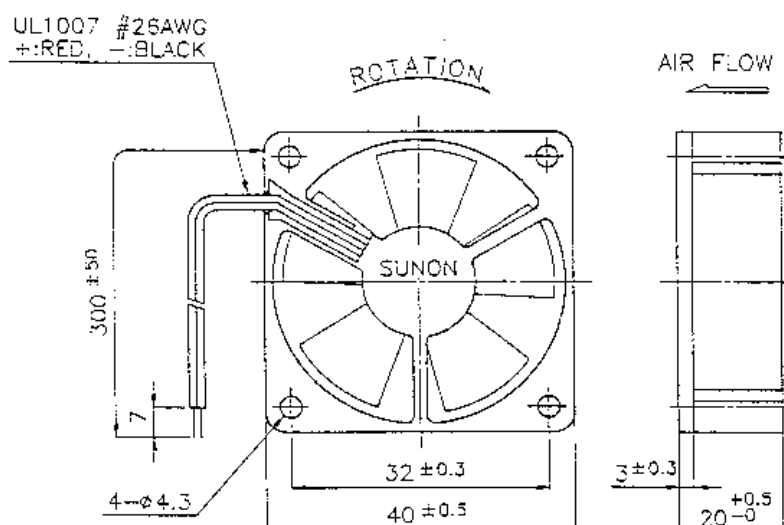
PAGE

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 : UL1007, 26AWG +:RED ; -:BLACK

DIMENSIONS



UNIT : mm

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	ISSUE DATE	12. 07. 1995	EDITION	0
	PAGE	5 OF 5		