

SPECIFICATION FOR APPROVAL

CUSTOMER :

DESCRIPTION : DC BRUSHLESS FAN

DIMENSIONS : 60X60X25 mm

M O D E L : KDE1206PTS2

APPROVED NO :

APPROVED BY :
(AUTHORZIED)



DAWN.		CHKD.		APPD.		SPEC. NO.	066326300
						ISSUE DATE	01.31.1996
						EDITION	0
						REVISE DATE	

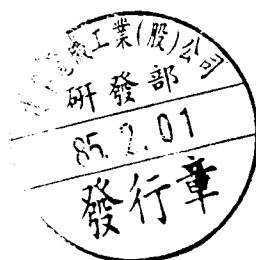
建準電機工業股份有限公司
SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD.
12FL., 120 CHUNG CHENG 1ST RD., TEL:886-7-7163069(41 LINES)
KAOHSIUNG, TAIWAN, R. O. C. FAX:886-7-7163086~89

DC BRUSHLESS FAN

MODEL: KDE1206PTS2

CHARACTERISTICS

- | | | |
|----------------------------------|---|---|
| 1. Motor Design | : | Patented single-coil DC brushless 4 poles motor design. |
| 2. Insulation Resistance | : | More than 500M ohm between internal stator and lead wire(+) measured by DC 500V. |
| 3. Dielectric Strength | : | Applied AC 500V for one minute or AC 600V for 2 seconds between housing and lead wire(+) |
| 4. 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. |
| 5. Input power , Current & Speed | : | Measured after continuous 30 minutes operation at rated voltage in clean air at ambient temperature of 25 degrees C. |
| 6. Tolerances | : | +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.

066326300

REVISE DATE

ISSUE DATE

01. 31. 1996

E D I T I O N

0

P A G E

2 OF 5

SPECIFICATIONS

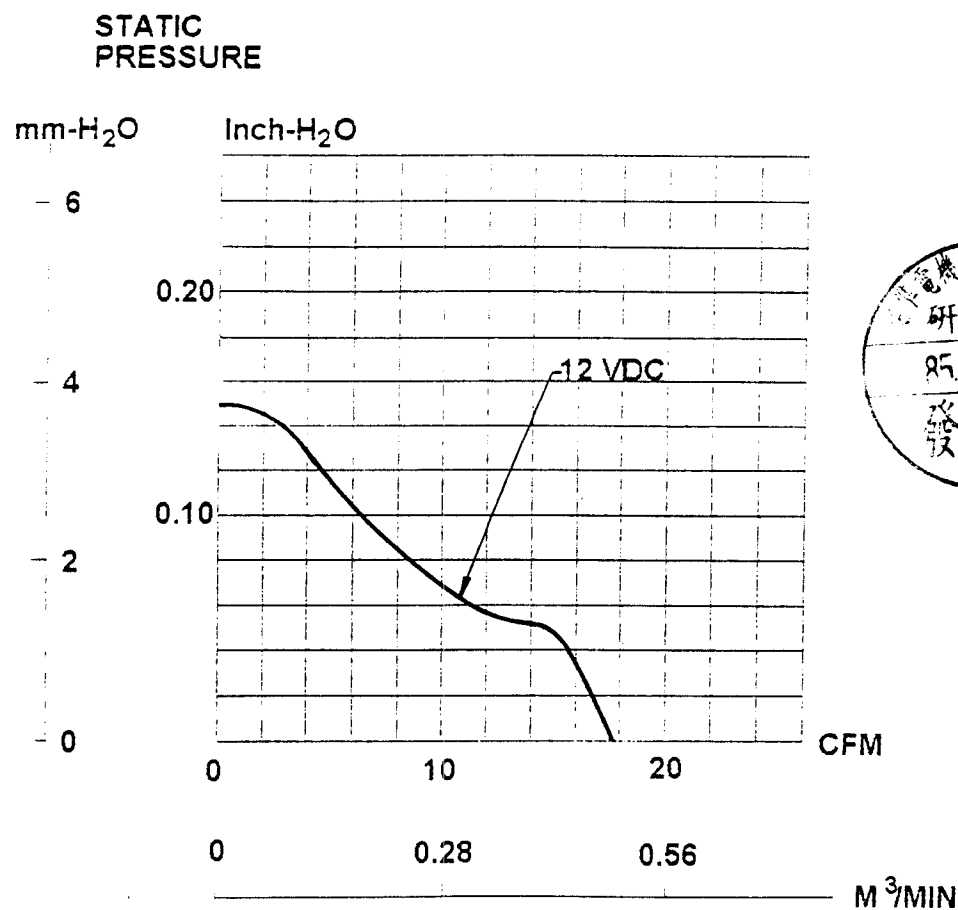
MODEL: KDE1206PTS2

1-1. Rated Voltage	: 12 VDC
1-2. Operating Voltage Range	: 10.2-13.8 VDC
1-3. Starting Voltage	: 8 VDC
1-4. Rated Speed	: 3800 RPM \pm 400 RPM
1-5. Air Delivery	: 17.6 CFM
1-6. Static Pressure	: 0.15 Inch-H ₂ O
1-7. Rated Current	: 0.13 AMP
1-8. Rated Power	: 1.6 WATTS
1-9. Noise Level	: 31 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 +80 Deg.C
1-13. Bearing System	: Lubricated sleeve bearing system
1-14. Weight	: 60 g
1-15. Safety	: UL/CUR/TUV Approvals



MODEL: KDE1206PTS2

PERFORMANCE CURVES



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

SPEC. NO.

066326300

REVISE DATE

ISSUE DATE

01. 31. 1996

E D I T I O N

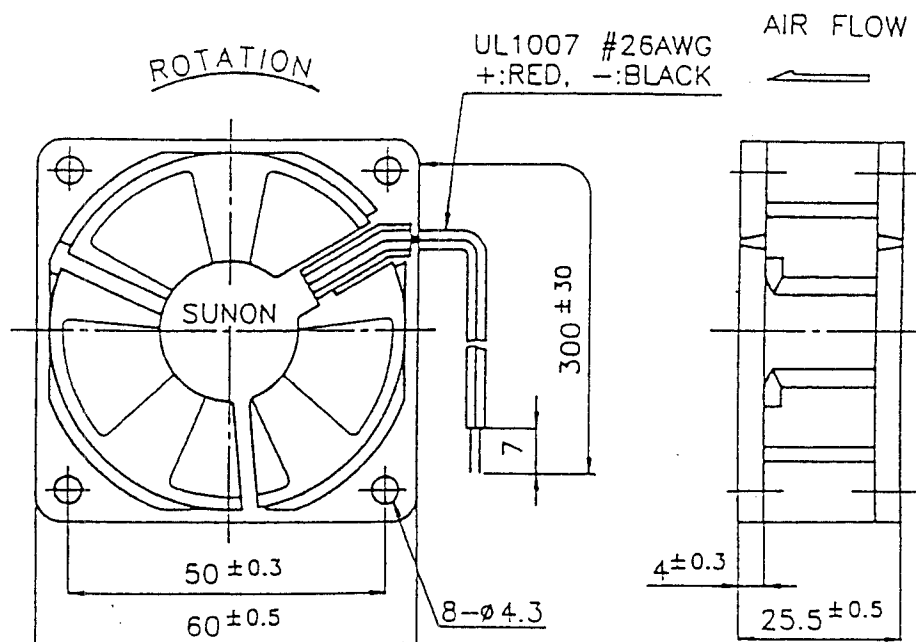
0

P A G E

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

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

SPEC. NO.

066326300

REVISE DATE

ISSUE DATE

01. 31. 1996

E D I T I O N

0

PAGE

5 OF 5