



SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 2510D*-*SERIES

Size: 25*25*10 mm.

Motor: Brushless DC Motor

Motor protected: 1, Polarity + impedance. (ZP)

Frame(Houseing): PBT + 30% fiber glass. Black color, UL94V-0.

Impeller: PBT + 30% fiber glass. Black color, UL94V-0.

Lead wire: 1517 # 28AWG. UL/CSA.

Insulation resistance: Min.10M Ohm at 500 VDC between terminal and the frame.

Dielectric Strength: 1 min at 800 VAC.50/60 HZ.

Bearing type: B: 2 ball bearing. Sleeve bearing S: one Sleeve bearing

Operating Temp: Ball bearing: within -20~80 degree C

Sleeve bearing: within -10~56 degree C

Life expectancy: 1Ball 1Sleeve bearing: 40,000 hours at 60 degree C.

Above measurements Tem. at: Within 20~30 degree C.

Above measurements humidity at: 65%+-15%.

Safety Approvals: CE

Net weight : 9 (grmas)

CONNECTOR: L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE	MAX. AIR		MAX.AIR		NOISE
	VDC	AMP	RPM	RATED VDC	FLOW		PRESSURE		
		A	RPM	VDC	CMM	CFM	MM/H2O	NCH/H2C	DBA
2510D05-HBPL	5	0.10	10000	4~8	0.087	3.1	4.8	0.19	22
2510D05-HSPL									
2510D05-MBPL		0.08	8000	4~8	0.068	2.4	3.5	0.14	19
2510D05-MSPL									
2510D1-HBPL	12	0.06	10000	6~13.8	0.087	3.1	4.8	0.19	22
2510D1-HSPL									
2510D1-MBPL		0.05	8000	6~13.8	0.068	2.4	3.5	0.14	19
2510D2-MSPL									

Remark :

- The above specification data are for reference only, general data tolerance $\pm 10\%$
- Ball Bearing types are 2 Ball Bearing
- Special design are requested available, please inform us now.
- Sunta reserves the right to change the data without notice.

Optional Function and Lead wire color

FG : Tachometer speed sensor output signal , open collector 2 square waves per revolution ,
lead wire color is white

RD: Alarm output signal : (motor run-Low, motor stop-High), lead wire color is yellow.

