



SUNTA MOTOR ELECTRIC LTD.

MODEL NO. 3507D*-*SERIES

Size: 35*35*7 mm.

Motor: Brushless DC Motor

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

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

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

Lead wire: 1007#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: one Ball one sleeve bearing: 40,000 hours at 60 degree C.

Operating Temp: one Ball one sleeve bearing: within -20~60 degree C

Sleeve bearing: within -10~56 degree C

Life expectancy: one Ball one Sleeve 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 : 16 (gramg)

CONNECTOR: L: lead wire



MODEL NO.	RATED	RATED	RATED	VOLTAGE		MAX. AIR		NOISE	
	VDC	AMP	RPM	RATED	VDC	FLOW	PRESSURE		
	VDC	A	RPM	VDC	CMM	CFM	MM/AQ	INCH/AQ	DBA
3507D05-HBPL	5	0.20	7500	4~8	0.135	5.3	2.8	0.11	26
3507D1-HBPL	12	0.10	7500	6~13.8	0.135	5.3	2.8	0.11	26

Remark :

- The above specification data are for reference only, general data tolerance $\pm 10\%$
- 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.

