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·DC· SD2510PT



25x25x10mm / 1x0.4inch
2.8~1.5 CFM

Plastic Impeller

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max. Airflow CFM m ³ /min	Max. Static Pressure Inch/H ₂ O mm	Noise Level db(A)	PQ Curves	UL
SD2510PT-05H	5	4~7	0.35 (~0.8)	0.07 (~0.16)	12000	2.8 0.1	0.27 6.86	29	H	✓
SD2510PT-05M	5	4~7	0.25 (~0.5)	0.05 (~0.10)	9500	2.0 0.1	0.2 5.08	24	M	✓
SD2510PT-05L	5	4~7	0.2	0.04	6500	1.5 0	0.16 4.06	18	L	✓
SD2510PT-12H	12	7~14	0.72 (~0.96)	0.06 (~0.08)	12000	2.8 0.1	0.27 6.86	29	H	✓
SD2510PT-12M	12	7~14	0.6	0.05	9500	2.0 0.1	0.2 5.08	24	M	✓
SD2510PT-12L	12	7~14	0.48	0.04	6500	1.5 0	0.16 4.06	18	L	✓
SD2510PT-24H	24	14~27.6	1.56	0.065	12000	2.8 0.1	0.27 6.86	29	H	✓
SD2510PT-24M	24	14~27.6	0.96	0.04	9500	2.0 0.1	0.2 5.08	24	M	✓
SD2510PT-24L	24	14~28	0.72	0.03	6500	1.5 0	0.16 4.06	18	L	✓

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Brushless DC Motor, auto cutoff, auto restart (Optional)
Burnout Protection: Electronically protected, polarity protected
IP Protection: IP55, IP67 (Optional)

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0
Impeller: 5 blades, glass fiber reinforced plastic, rated UL94V-0
Bearing: Two ball bearings
Rotation: CCW seen on rotor
Connection: Wire lead or Terminal flat pin connecting
Weight: 8.0g

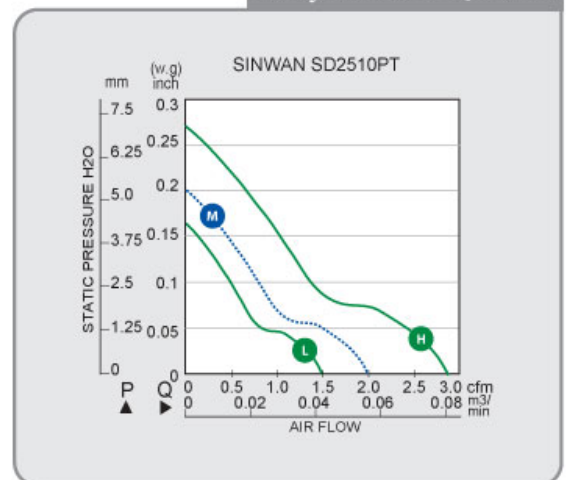
Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA
Speed Control: Optional: PWM, S/C NTC thermister
Signal Output: Optional: RD Rotation Detactor, FG Frequency Generator

Environment

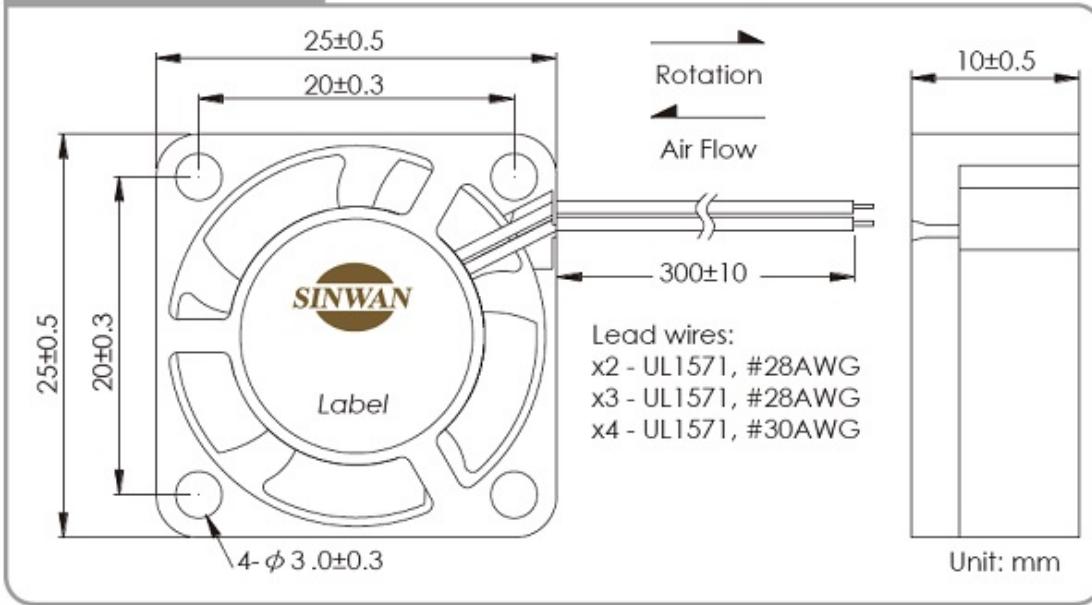
Operating Temp: -20C~+65C
Storage Temp: -20C~+75C (at 65%RH)
Life Expectancy: L10 - B:70K hours at 40C / Y:50K hours at 40C

► Performance P-Q Curves



 Nomenclature
 R/D Alarm
 F/G Tach

▶ Outline Dimensions



Relevant products

