

**25x25x10 mm/1x0.4 inch, 2.8~1.5 CFM**

**TD2510 General specification**



- Motor: Brushless DC, impedance protected, auto cutoff auto restart optional only
- Motor Protection:
- Frame: Plastic, glass fiber reinforced PBT thermoplastic, UL94V-0
- Impeller: Glass fiber reinforced PBT thermoplastic, UL94V-0 impeller
- Bearing: Double sealed high precision ball bearing
- Rotation: CCW looking at rotor, air inlet side of housing
- Operating Temp: Ball bearings -20C~+75C
- Storage Temp:
- Life Expectancy: Ball bearings 60,000 hours at 45C, 50,000 hours at 55C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire or Terminal
- Weight: 6.8 g (0.015 Lbs)

Model	Rated Voltage VDC	Voltage Range VDC	Input Power W	Rated Current A	Ref. Speed RPM	Max Airflow CFM	M3/Min	Max Pressure Inch/H2O	mm	Noise dB
TD2510-H-5	5	4~7	0.35	0.07	12000	2.8	0.08	0.27	6.86	29
TD2510-M-5	5	4~7	0.25	0.05	9500	2.0	0.06	0.2	5.08	24
TD2510-L-5	5	4~7	0.2	0.04	6500	1.5	0.06	0.16	4.06	18
TD2510-12H	12	7~14	0.72	0.06	12000	2.8	0.08	0.27	6.86	29
TD2510-12M	12	7~14	0.6	0.05	9500	2.0	0.06	0.2	5.08	24
TD2510-12L	12	7~14	0.48	0.04	6500	1.5	0.06	0.16	4.06	18
TD2510-24H	24	14~27.6	1.6	0.065	12000	2.8	0.08	0.27	6.86	29
TD2510-24M	24	14~27.6	0.96	0.04	9500	2.0	0.06	0.2	5.08	24
TD2510-24L	24	14~28	0.72	0.03	6500	1.5	0.06	0.16	4.06	18

**Related Product Information**

Please see our related items below for suggested products to use with this item:

- Metal Fan Guard: TWG-25

**Related Technical Information**

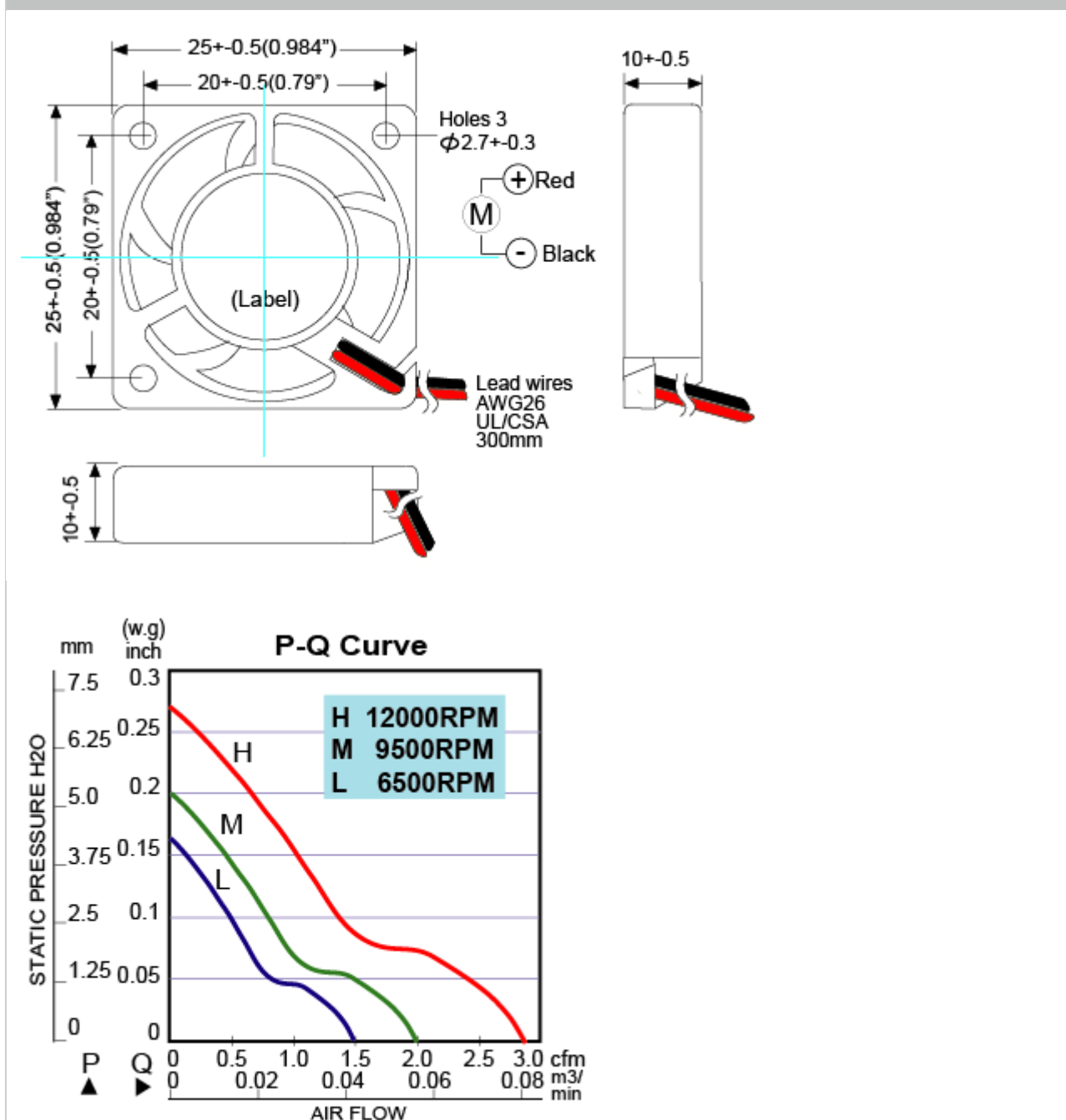
-Optional Function Leads:

- \*Alarm, motor stop, cutoff sensor signals (L, run-Low, stop-High for alarm function, color yellow lead)
- \*Tach speed sensor output, open collector, 2 square waves per revolution, or TTL 4.4~5 VDC optional (L, white lead)

\*Speed control:

- , NTC thermistor, thermal control 1800~3400RPM/4.7~10K ohm vs 45~20C(H, orange lead)
- PWM, Pulse Width Modulation, microprocessor programmable CPU speed control, 10~100%, full stop & 10 speed stages; 800~3800RPM (P, purple lead)
- Control voltage speed setting, Analog 0~10V vs speed RPM speed control via separate DC low voltage interface (V, gray lead)

**Fan Performance Curves and Dimension**



\* TEI reserves the right to change data and specs without notice\* Tests are at nominal rated voltage against zero static pressure\* Specifications subject to change without notice, data tolerance +-10%