

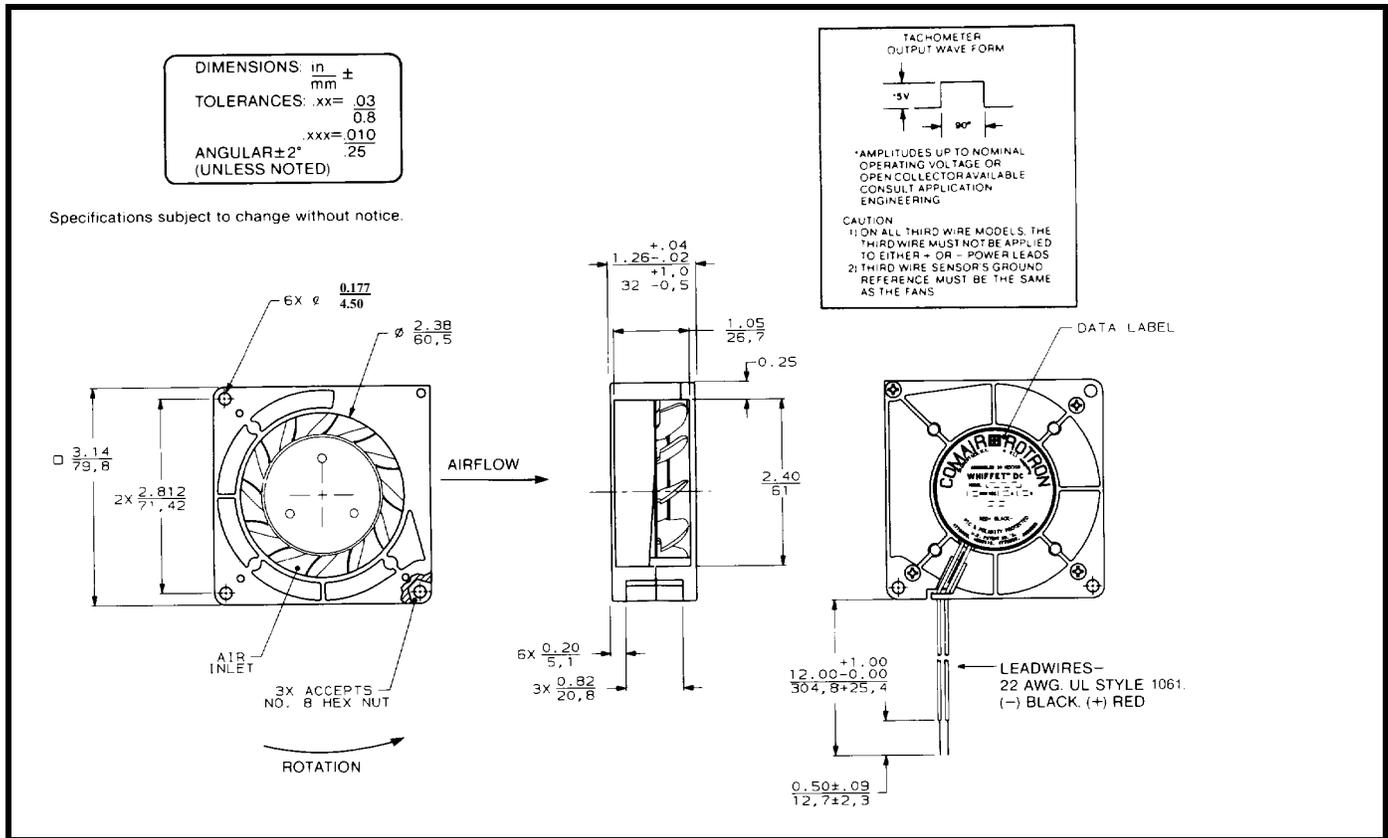
SPECIFICATIONS



Model Number: WT12B3QDN
Part Number: 19032835A

Version: 01
May 21, 2016

Mechanical Drawing:



Motor:

Nominal Voltage = 12 vdc
 Operating Voltage Range = 6 - 14 vdc
 Nominal Running Current = 0.420 amps
 Max. Locked Rotor Current = 1.12 amps
 Running Power = 5.0 watts
 Average Speed = 4000 RPM
 Bearings = Ball
 Air Flow = 15 CFM
 Acoustic = 51.4 dBA

Construction:

Venturi: Plastic, Black, UL 94V-0
 Propeller: Polypropylene, Black, UL 94V-0

Agency Approvals:

UL, CUL, CE

Life Expectancy:

This fan is designed for continuous duty life of 55,000 hours at 70°C.

Additional Features:

Brushless DC Motor
 Locked Rotor Protection
 Reverse Polarity Protected
 Automatic Restart Capability
 Operating Temperature: -10°C to 70°C
 Storage Temperature: -40°C to 85°C

Fan Performance Sensor: (FPS)

Output: Open Collector
 I_c: 20 mA Max.
 V_{cc}: 28 vdc Max.
 Logic Level: High on Pass, Low on Fail
 Delay: 10 ± 4 seconds
 Latching: No
 Isolated: No

Termination:

12" Lead wires, 22 AWG, UL 1061
 Red = Power (+)
 Black = Return (-)
 Blue/White = FPS Output

PQ Curve:

