

## **Excellent Integrated System Limited**

Stocking Distributor

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# SPECIFICATIONS

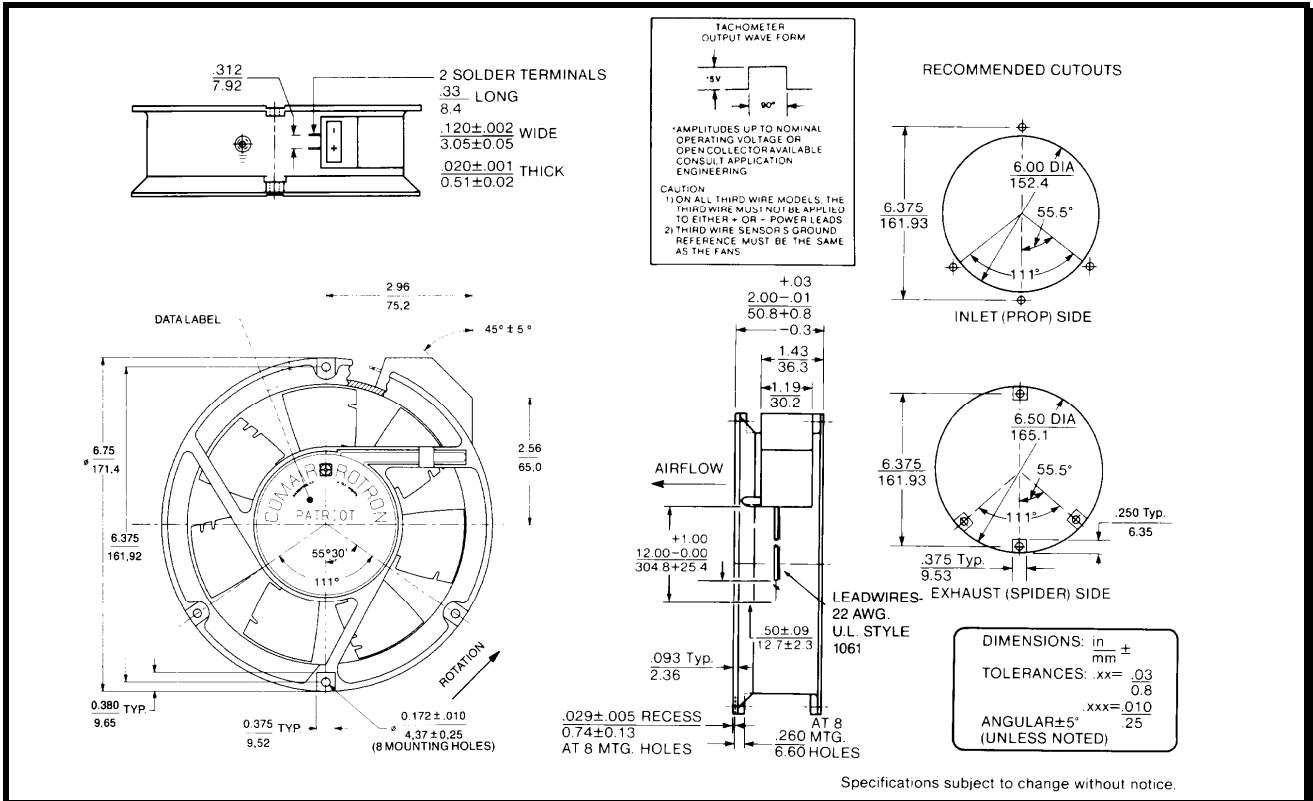
RoHS Compliant



**Model Number:** PQ24B7  
**Part Number:** 031263

November 10, 2006

## Mechanical Drawing:



### Motor:

Nominal Voltage	= 24 vdc
Operating Voltage Range	= 12 - 28 vdc
Running Current	= 1.00 amps
Locked Rotor Current	= 2.00 amps
Running Power	= 24 watts
Average Speed	= 3500 RPM
Air Flow	= 235 CFM
Bearings	= Ball
Acoustic	= 51.2 dBA

### Construction:

Venturi: Single Piece, Die-Cast Aluminum, Black  
 Propeller: Plastic, Black, UL 94V-0

### Agency Approvals:

UL, CE

### Life Expectancy:

This fan is designed for continuous duty life of 82,500 hours at 50°C.

### Features:

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

### Tachometer Specifications:

- Output: 5 volt TTL Compatible
- I<sub>c</sub>: 5 vdc Typical
- Pulses Per Revolution: 2
- Isolated: No

### Termination:

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