

# SPECIFICATIONS

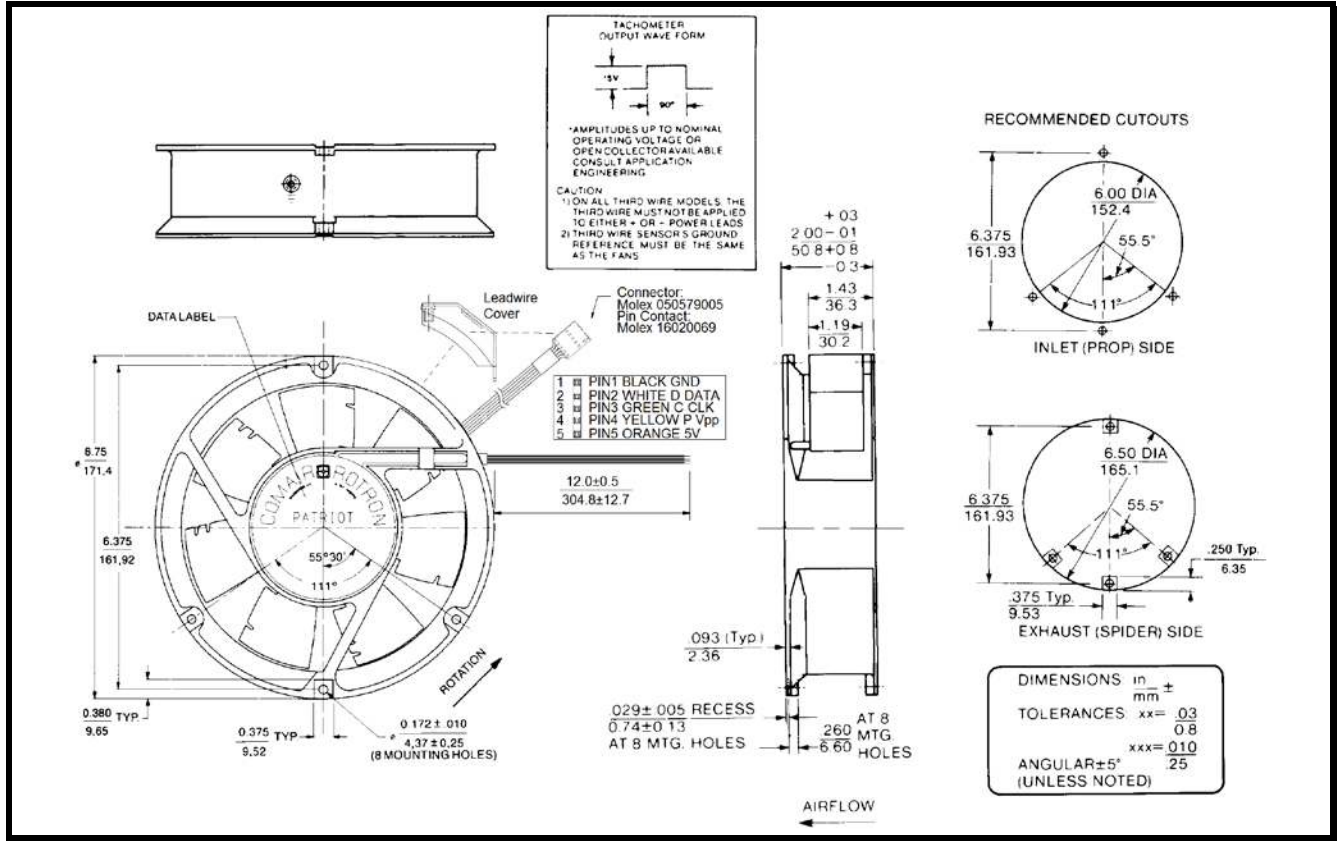
(RoHS Compliant)

**Model Number:** PQD24Z3A2  
**Part Number:** 19039695A

**Version:** 00  
**Apr 19, 2017**



## Mechanical Drawing:



### Motor:

Nominal Voltage	= 24 vdc
Operating Voltage Range	= 12 – 32 vdc
Nominal Running Current	= 1.450 amps
Locked Rotor Current	= 2.500 amps
Running Power	= 35 watts
Average Speed	= 4450 rpm
Bearings	= Ball
Air Flow	= 300 CFM
Static Pressure	= 1.30" of Water
Acoustic	= 60.2 dBA

### Construction:

Venturi: Die-Cast Aluminum, Black  
 Propeller: Polycarbonate, Black, UL 94V-0

### Agency Approvals:

UL, CE, UL 507

### Life Expectancy:

This fan is designed for continuous duty life of 50,000 hours at 40°C.

### Additional Features:

Brushless DC Motor  
 Soft Start Inrush Current  
 Electronic Locked Rotor Protection  
 Polarity Protected  
 Automatic Restart Capability  
 Operating Temperature: -40°C to 85°C  
 Storage Temperature: -40°C to 85°C  
 Programmable: PWM Input, 5 volt TTL  
 0% Duty: Off  
 100% Duty: 4450 RPM

### Tachometer Specifications:

Output: 5 volt TTL compatible  
 I<sub>c</sub>: 5 mA. Typ.  
 Pulses per Revolution: 2  
 Isolated: No

### Termination:

12" Leadwires, 22 AWG, UL 1061  
 Red - Power (+) Blue/White - Tachometer  
 Black - Return (-) Yellow - Program Lead  
 2" Programmable harness,  
 Connector, Molex 050579005  
 Pin Contact, Molex 16020069

PQ Curve:

