



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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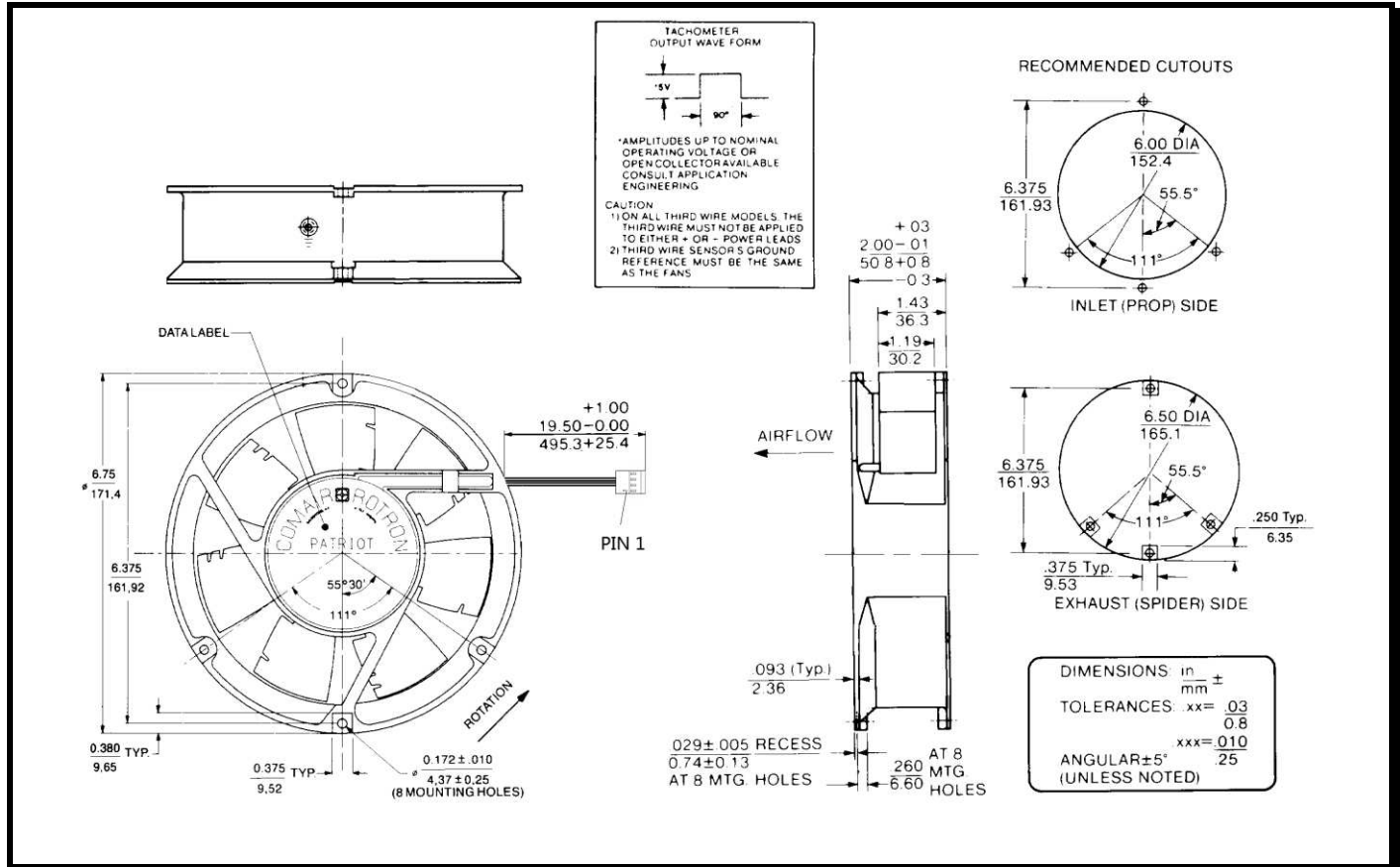


# SPECIFICATIONS

**Model Number:** PQ48R0X-E2  
**Part Number:** 17000042A

June 01, 2015

## Mechanical Drawing:



### Motor:

Nominal Voltage = 48 vdc  
 Operating Voltage Range = 24 - 56 vdc  
 Nominal Running Current = 0.460 amps  
 Locked Rotor Current = 1.000 amps  
 Running Power = 22.0 watts  
 Average Speed = 3475 RPM  
 Bearings = Ball  
 Air Flow = 235 CFM  
 Noise = 51.2 dBA

### Construction:

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

### Life Expectancy:

This fan is designed for continuous duty life of 75,000 hours at 40°C.

### Agency Approvals:

UL, cUL, CE

### Additional Features:

Brushless DC Motor  
 Electronic Locked Rotor Protection  
 Polarity Protected  
 Automatic Restart Capability  
 Operating Temperature: -10°C to 70°C  
 Storage Temperature: -40°C to 85°C  
 Programmable  
 Envirosield Type 2

### Tachometer Specifications:

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

### Termination:

19.5" Harness assembly, 22 AWG, UL 1061

AMP Connector 640440-4, Terminal

Pin 1 = Red, Fan Power (+)  
 Pin 2 = Black, Fan Ground (-)  
 Pin 3 = Blue/White, Tachometer (Output)  
 Pin 4 = Yellow, Program