

# SPECIFICATIONS

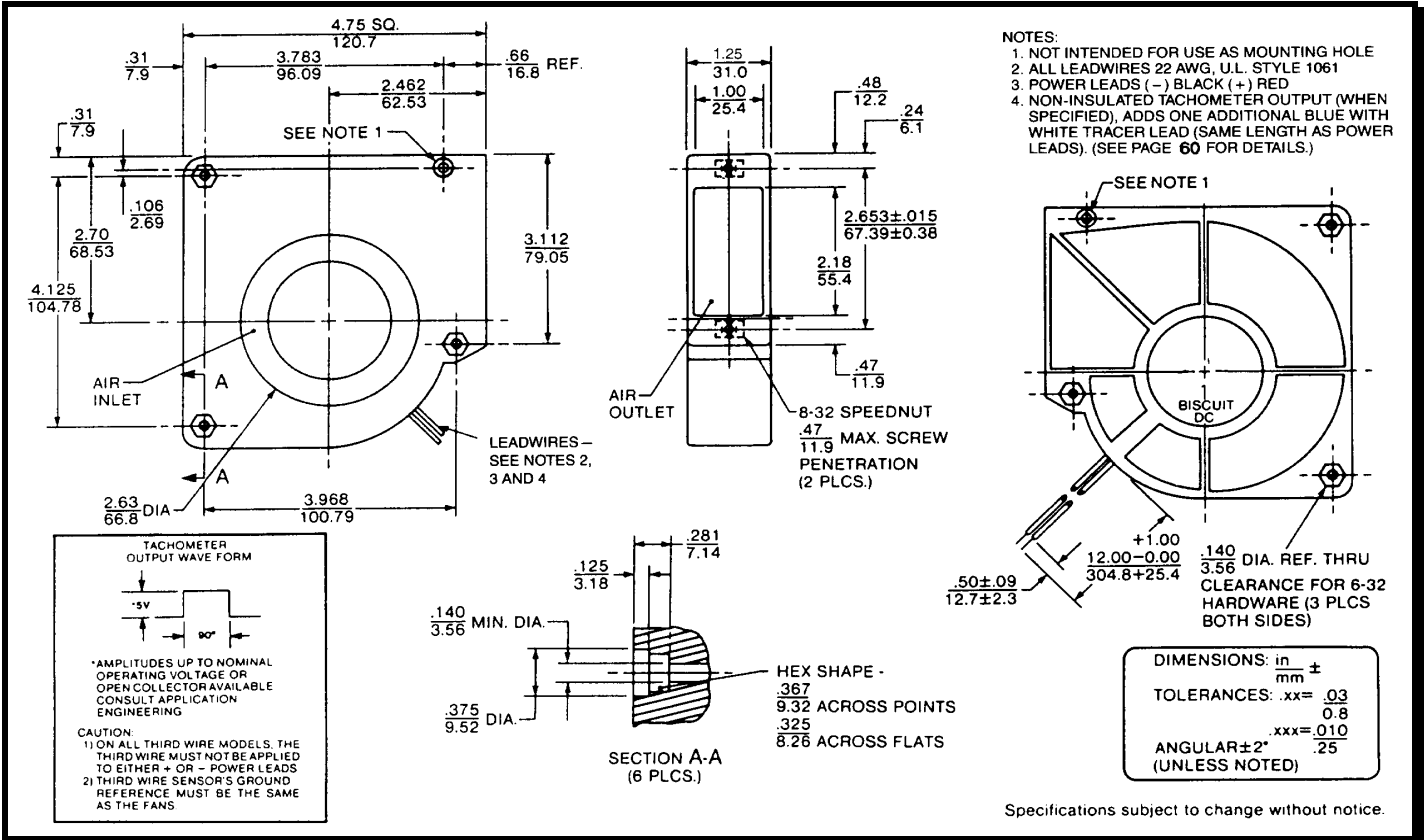
RoHS Compliant

Model Number: BD48B7  
Part Number: 030638

December 18, 2002



## Mechanical Drawing:



### Motor:

Nominal Voltage = 48 vdc  
Operating Voltage Range = 24 - 56 vdc  
Nominal Running Current = 0.250 amps  
Locked Rotor Current = 0.500 amps  
Running Power = 12 watts  
Average Speed = 2950 rpm  
Bearings = Sleeve  
Air Flow = 25 cfm  
Noise = 51.2 dBA

### Construction:

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

### Agency Approvals:

UL, CE

### Life Expectancy:

This fan is designed for continuous duty life of 78,000 hours at 40°C.

### Additional Features:

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

### Tachometer:

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

### Termination:

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