

# SPECIFICATIONS

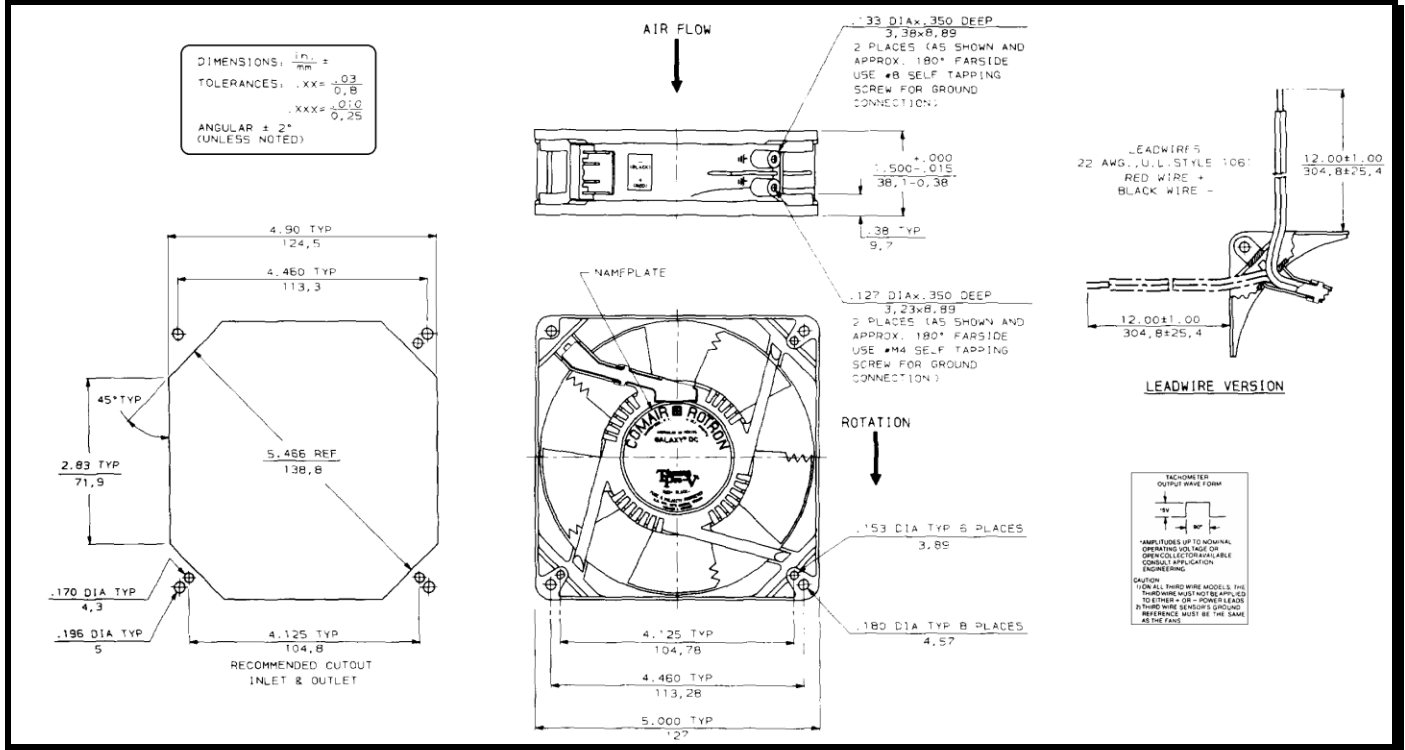
RoHS Compliant



**Model Number:** GLD12B3E2X-E3  
**Part Number:** 17001170A

**Rev:** 00  
**Jun.** 12 2018

## Mechanical Drawing:



### Motor:

Nominal Voltage = 12V DC  
 Operating Voltage Range = 8 – 16V DC  
 Nominal Running Current = 1.30 Amps  
 Max. Locked Rotor Current = 3.00 Amps  
 Running Power = 15.6 Watts  
 Average Speed = 3300 RPM  
 Bearings = Ball  
 Air Flow = 150 CFM  
 Acoustic = 53.6 dB(A)

### Construction:

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

### Life Expectancy:

This fan is designed for continuous duty life of 60,000 hours at 70°C (L10).

### Termination:

12"±1" (304.8±25.4mm) 22AWG UL1061 Leadwires  
 Red = Power(+)  
 Black = Return(-)  
 Blue/White = Tach output  
 Yellow = PWM control

### Additional Features:

Brushless DC Motor  
 Solid State Circuitry  
 Electronic Locked Rotor Protected  
 Polarity Protection  
 Automatic Restart  
 Operating Temperature: -10 °C to +70 °C  
 Storage Temperature: -40 °C to +85 °C  
 Environmental Protection: Type 3(IP68)

### TACHOMETER:

Output: Open Collector  
 Ic: 20 mA max.  
 Vcc: 32 Vdc max.  
 Pulses per Revolution: 2  
 Isolated: No

### Speed Control:

PWM: 200 ~ 2 KHz, Open Collector  
 <10% Duty: Off  
 10%~95% Duty: Linear Ramp  
 >95% Duty or Open Lead Wire: Full Speed

### Agency Approvals:

UL, CUL, CE

**PQ Curve:**

