

# SPECIFICATIONS

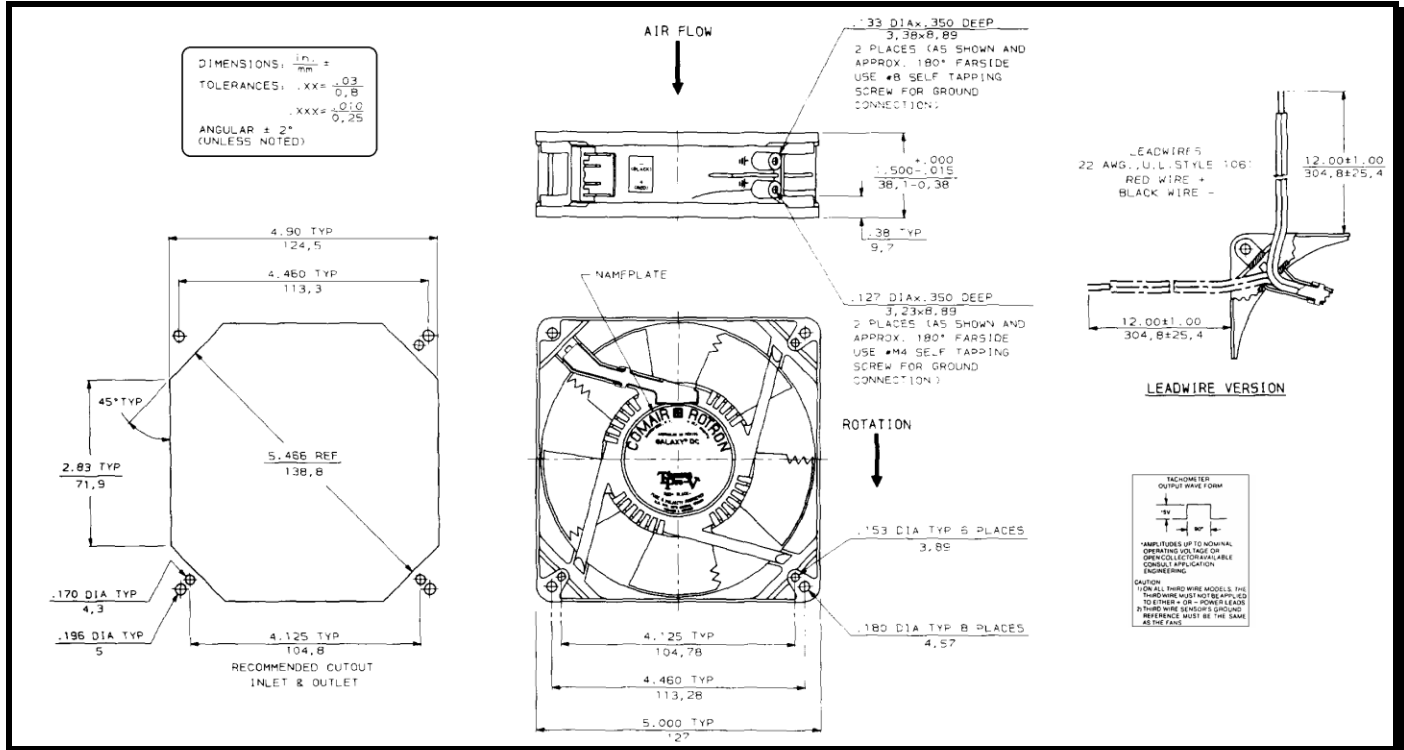
RoHS Compliant



**Model Number:** GLD48Z3E2X-E3  
**Part Number:** 17001178A

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

## Mechanical Drawing:



### Motor:

Nominal Voltage	= 48V DC
Operating Voltage Range	= 36 – 60V DC
Nominal Running Current	= 0.60 Amps
Max. Locked Rotor Current	= 1.50 Amps
Running Power	= 28.8 Watts
Average Speed	= 4100 RPM
Bearings	= Ball
Air Flow	= 192 CFM
Acoustic	= 59.4 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:	60 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:**

