

# SPECIFICATIONS

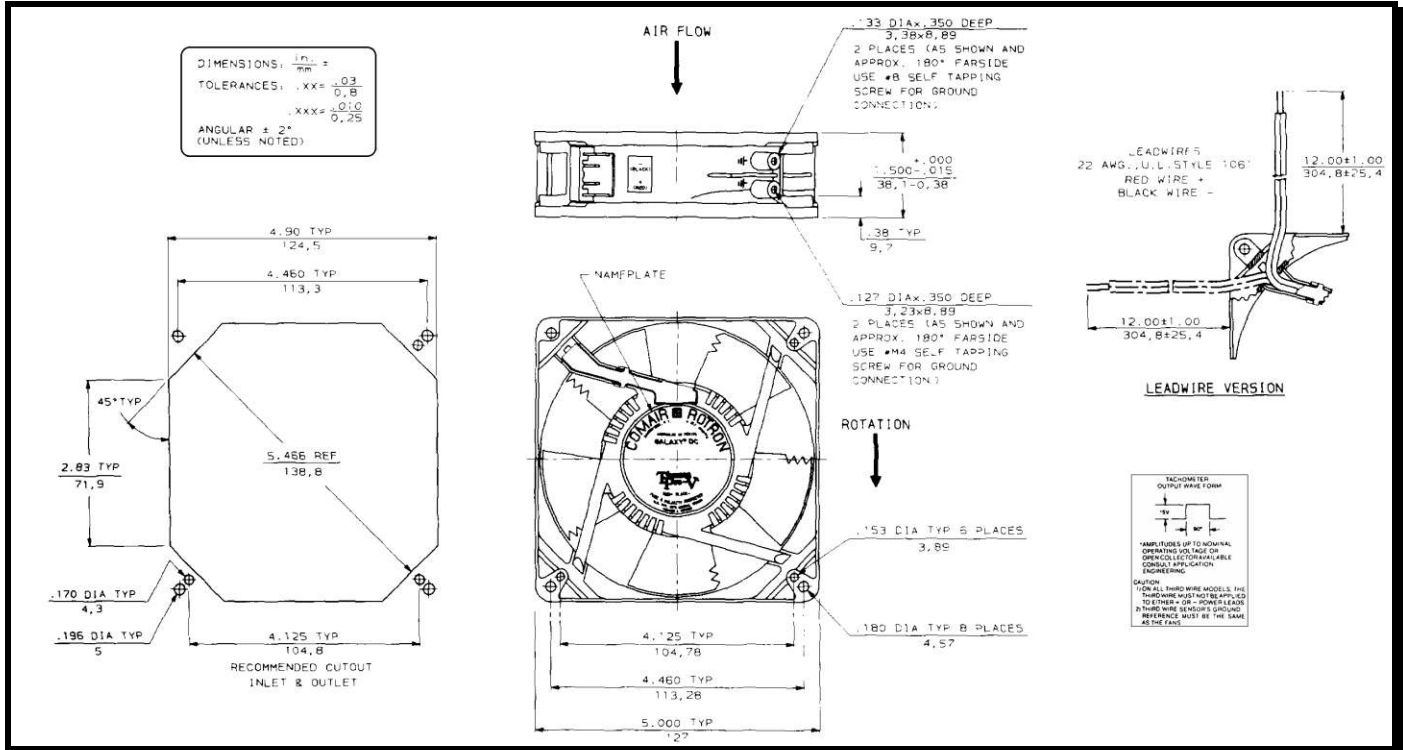
RoHS Compliant



**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:**

