

SPECIFICATIONS

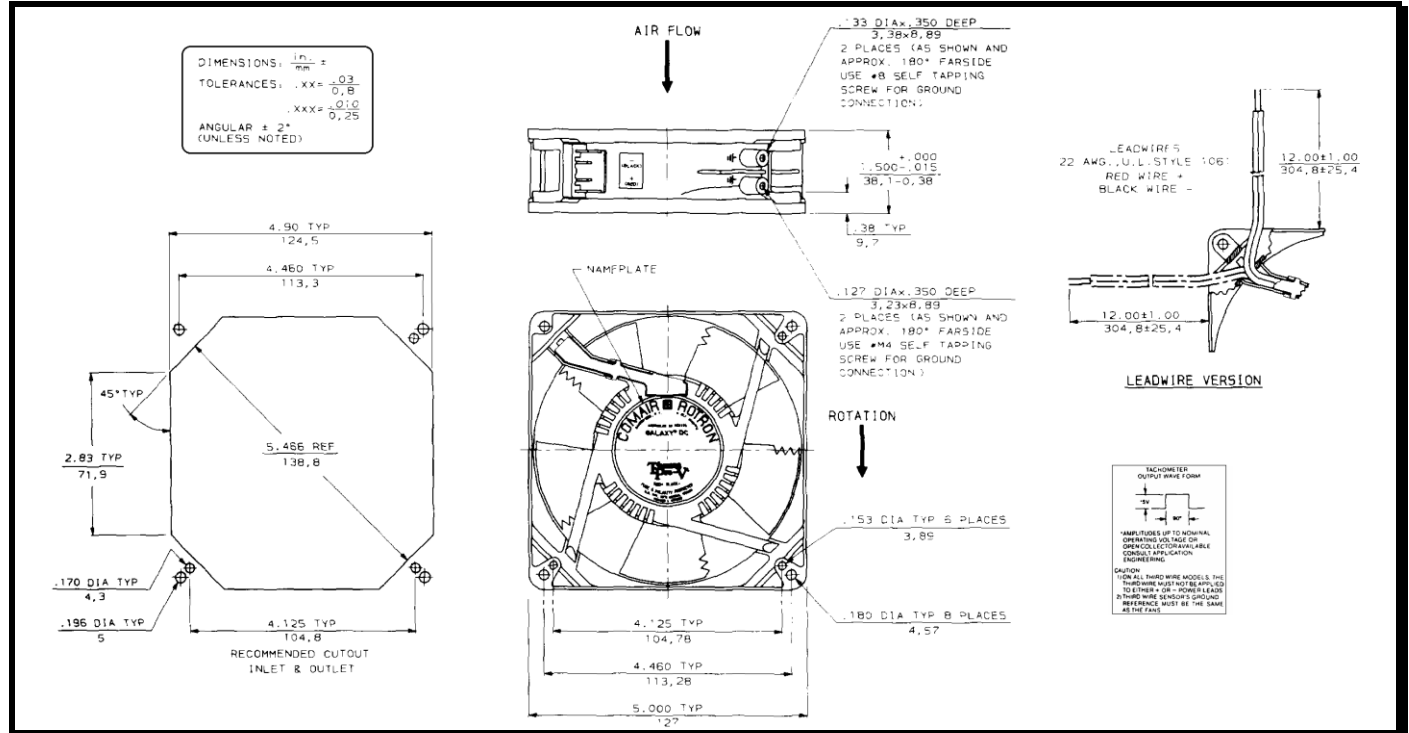
RoHS Compliant



Model Number: GLD12B3A2
Part Number: 17001919A

Rev: 01
Jul. 29 2022

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).

Agency Approvals:

UL, CUL, CE

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

TACHOMETER:

Output:	5 volt TTL Compatible
Ic:	5 mA Typical
Pulses per Revolution:	2
Isolated:	No

Speed Control:

PWM: 200 ~ 2 KHz, Open Collector /5V TTL
 <10% Duty: Off
 10%~95% Duty: Linear Ramp
 >95% Duty or Open Lead Wire: Full Speed

OR : Linear 0-5V
 <0.5V Duty: Off
 0.5V~4.5V Duty: Linear Ramp
 >4.75V Duty or Open Lead Wire: Full Speed

PQ Curve:

