

SPECIFICATIONS

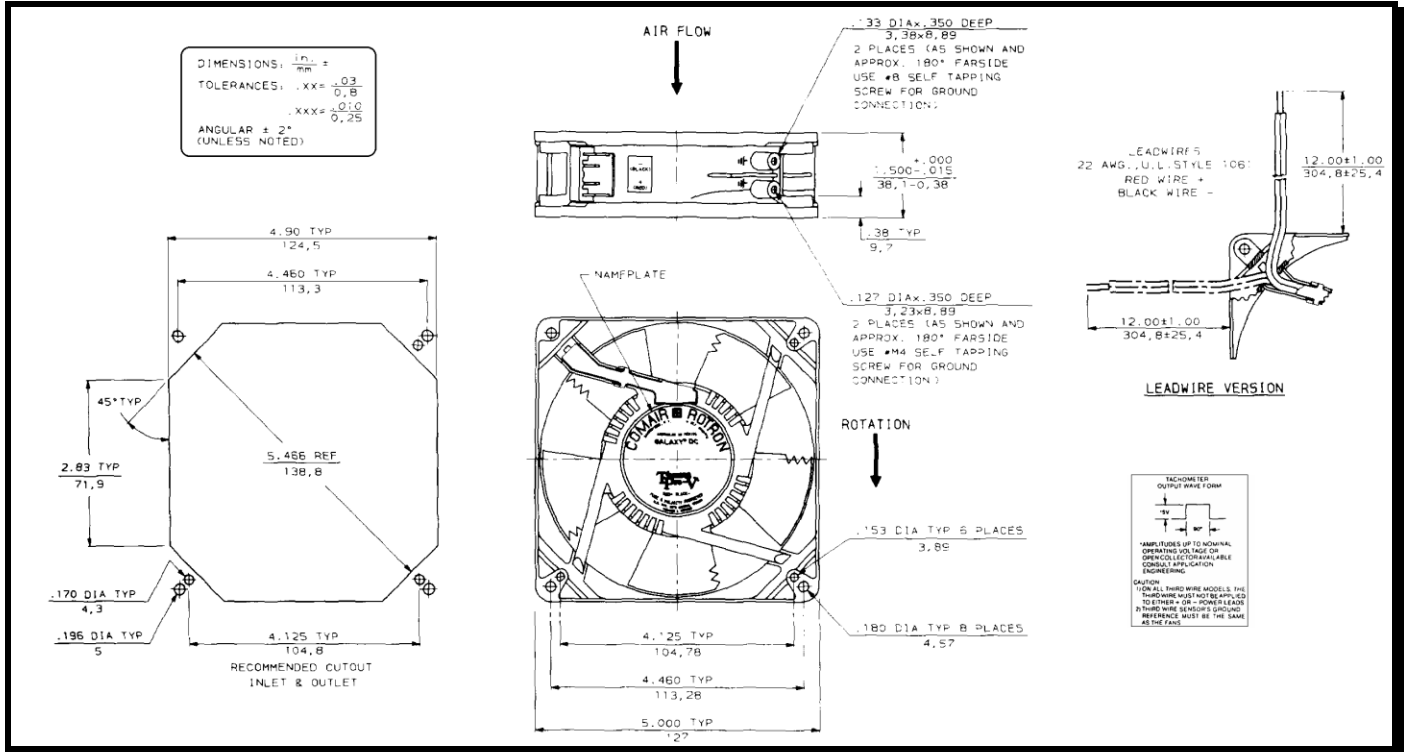
RoHS Compliant



Model Number: GLD12K3E2X-E3
Part Number: 17001173A

Rev: 00
Jun. 12 2018

Mechanical Drawing:



Motor:

Nominal Voltage = 12V DC
 Operating Voltage Range = 8 – 16V DC
 Nominal Running Current = 1.99 Amps
 Max. Locked Rotor Current = 3.50 Amps
 Running Power = 23.9 Watts
 Average Speed = 3900 RPM
 Bearings = Ball
 Air Flow = 175 CFM
 Acoustic = 57.9 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:

