

SPECIFICATIONS

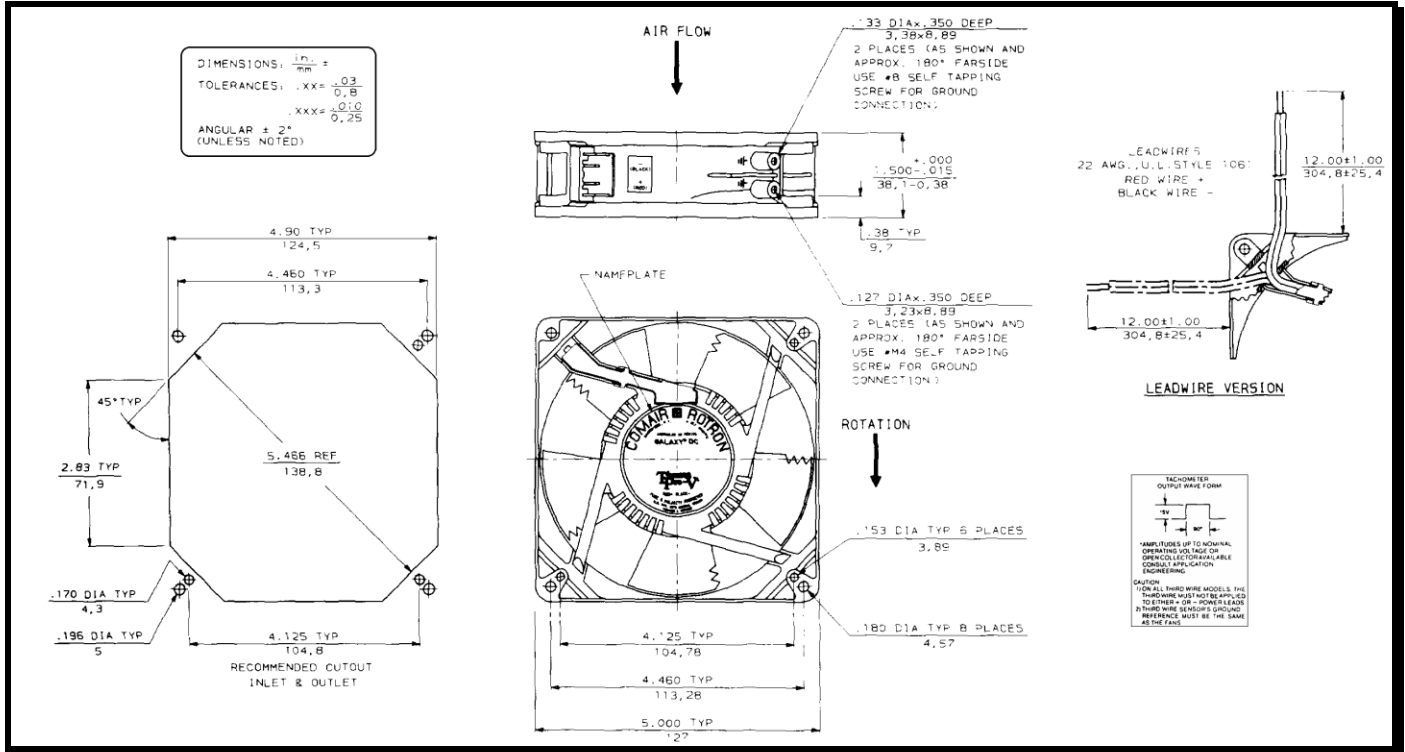
RoHS Compliant



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:

