

FUTEK MODEL QIA124

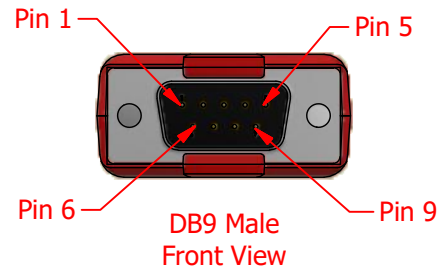
Miniaturized and Digitally Configurable Voltage Amplifier

DRAWING NUMBER: FI1499-D

INCH [mm] | R.O.= Rated Output

Item #: QSH01968

Pin	Function
1	NC
2	GND
3	GND
4	GND
5	GND
6	GND
7	GND
8	Vout
9	Vin



Specifications:

Input:

- Differential Input: ± 1.5 mV/V to ± 5 mV/V
- Bridge Resistance: 700 Ohm to 5000 Ohm
- Bridge Excitation: Variable up to 10 VDC

Analog Output:

- Range: ± 10 VDC
- Bandwidth:
 - o -3dB at 1kHz
 - o -80dB at 19.2kHz
- Noise: 5 mVp-p at 100kHz(-152dB)
- Load Impedance: ≥ 5 kOhm

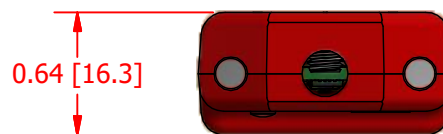
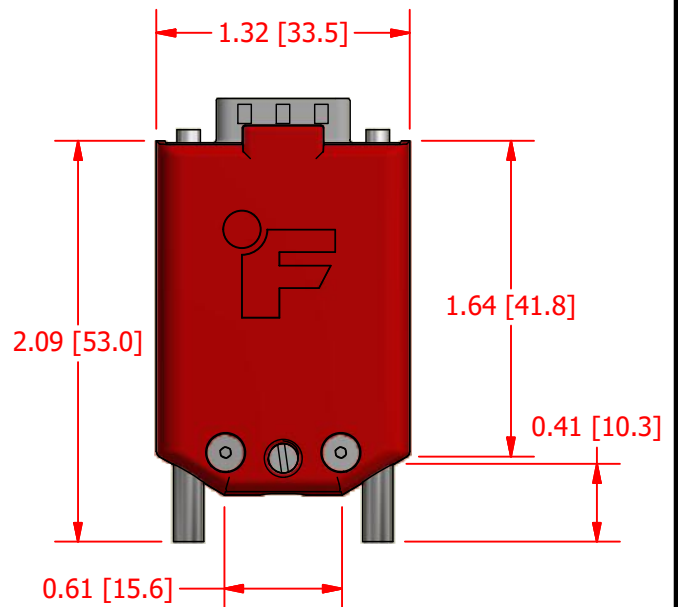
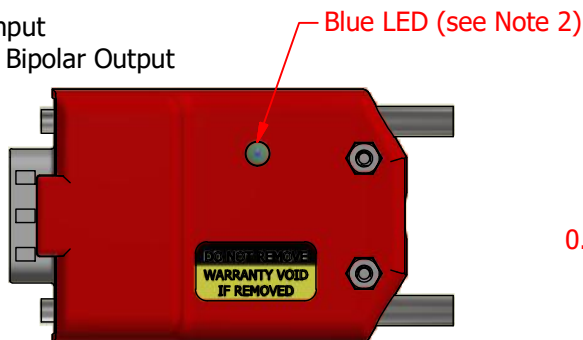
Power:

- 16 VDC to 24 VDC
- Power Consumption: 0.5W
- Inrush Current: 2A

Operating Temperature: -4°F to +122°F (-20°C to +50°C)

Features:

- Differential Input
- Single Ended Bipolar Output



Note 1 : Use separate ground for each signal to and from the QIA124.

Note 2 : The solid blue LED indicates that the power is ON.