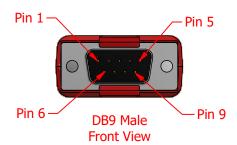
FUTEK MODEL

DRAWING NUMBER: FI1499-F INCH [mm] R.O.= Rated Output

Miniaturized and Digitally Configurable Voltage **Amplifier**

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: 350 Ohm to 5000 Ohm Bridge Excitation: Variable up to 10 VDC

Analog Output:

Range: + 10 VDC

Bandwidth:

o -3 dB at 1 kHz o -80 dB at 19.2 kHz

Noise: 5 mVp-p at 100 kHz(-152 dB)

Load Impedance: ≥ 1 kOhm

Output Drift: 5 ppm/°C

Power:

12 VDC to 24 VDC

o 20-40 mV peak-to-peak ripple in passband

o 20 MHz bandwidth (cutoff 40 dB @ 20 MHz)

Power Consumption: 0.5 W

Inrush Current: 1 A

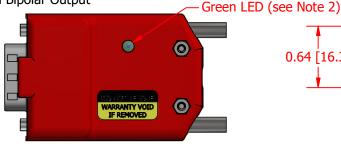
Operating Temperature: -4 °F to +122 °F (-20 °C to +50 °C)

1.32 [33.5] 1.64 [41.8] 2.09 [53.0] 0.41 [10.3] 0.61 [15.6]

Features:

Differential Input

Single Ended Bipolar Output



0.64 [16.3]



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

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

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