

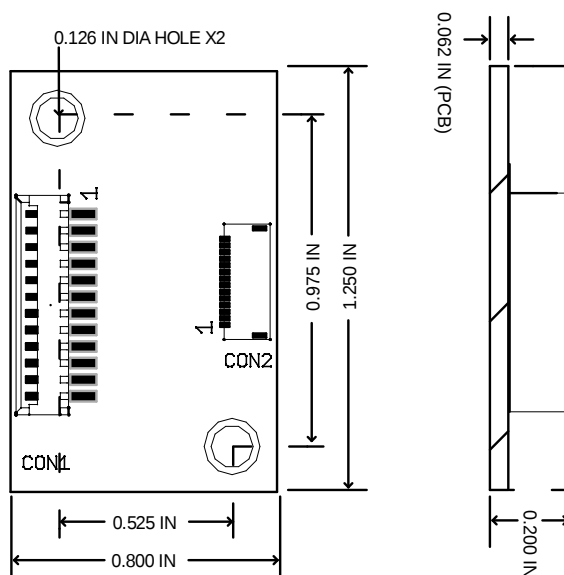
Daughter Board (Pass-Through PCB)

GENERAL DESCRIPTION

The AC-3007 is a custom Daughter Board designed to pass through the output signals from the ACI-3008 LED Driver to the **Sharp LQ201U1LW32 20.1"** Display. The interface is described in the *Connection Diagram* on page 2.

MECHANICAL/ENVIRONMENTAL

Weight = 2.4 grams
Altitude = 35,000 ft max
Humidity = < 95% non-condensing
Size (L x W x H) = 1.250 IN X 0.800 X 0.200 IN
PCB thickness = 0.062 IN
Mounting Holes = 0.126 IN diameter (X2)
Input Connector = CON1
Output Connector = CON2
RoHS Compliant



INPUT CONNECTOR
CON1
MOLEX 53261-1271

PIN# FUNCTION

1	+LED (ANODE1)
2	+LED (ANODE1)
3	- LED (CATHODE4)
4	- LED (CATHODE3)
5	- LED (CATHODE2)
6	- LED (CATHODE1)
7	- LED (CATHODE8)
8	- LED (CATHODE7)
9	- LED (CATHODE6)
10	- LED (CATHODE5)
11	+ LED (ANODE2)
12	+ LED (ANODE2)

OUTPUT CONNECTOR
CON2
JST 14FMN-SMT-A-TF

PIN# FUNCTION

1	+ LED (ANODE2)
2	+ LED (ANODE2)
3	- LED (CATHODE5)
4	- LED (CATHODE6)
5	- LED (CATHODE7)
6	- LED (CATHODE8)
7	NC
8	NC
9	- LED (CATHODE1)
10	- LED (CATHODE2)
11	- LED (CATHODE3)
12	- LED (CATHODE4)
13	+ LED (ANODE1)
14	+ LED (ANODE1)

Connection Diagram

