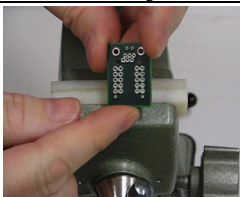


Data Sheet/Assembly instructions for the 20-000-017 Kit

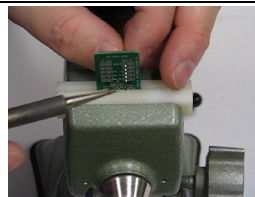
STEP 1

Insert the Molex Header into the solder side of the board. Use the inner rows and leave the outer rows empty. The solder side has no silk screen (white text).



STEP 2

Make sure the Header is flush and straight then solder.



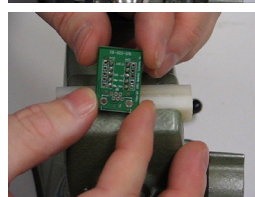
STEP 3

Repeat with the second Molex Header



STEP 4

Make sure you have soldered all the pins on the Molex Headers.



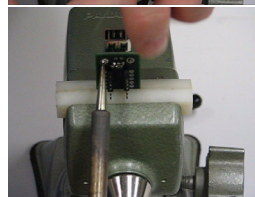
STEP 5

Insert the Jack/Receptacle on the component side. Component side has the silk screen (white text).



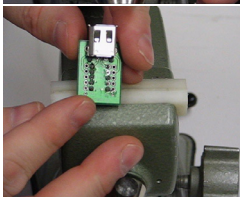
STEP 6

Make sure that the connector is flush to the board and solder one pin while keeping pressure against the connector. Solder all pins and mounting tabs.



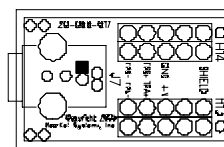
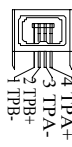
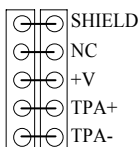
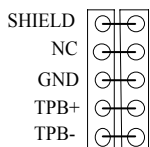
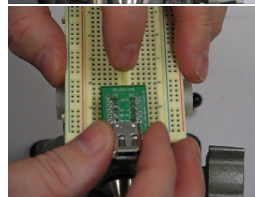
STEP 7

Assembly is complete.

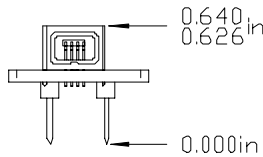
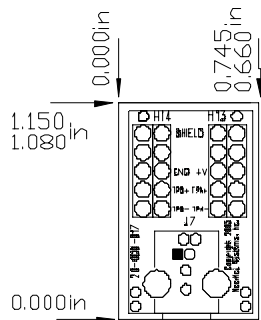


STEP 8

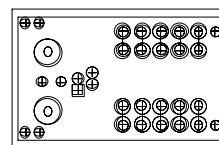
Insert into a solderless breadboard as shown.



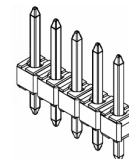
Component Side



1394 4 Pin
Firewire



Solder Side



Molex Header

4 layers; Industry standard 0.062" FR-4 laminate 1 oz.

Top – component side + Shield

2 – Ground

3 – +V

Bottom – Solder Side

20-000-017 Prototyping/Experimental kit W/IEEE 1394 4 Pin Firewire Receptacle.

1.15" x 0.745" x 0.640" board with IEEE 1394 4 Pin Firewire Receptacle (Shielded) used for electrical connections to solderless breadboard or printed circuit board. Fits 0.300" spacing and has total of 10 pins. Fits a 14 DIP socket or be modified to fit an 8 DIP socket. Use this to program microcontrollers, monitor circuits, or interfacing needs.

The prototyping environment does not meet the complete specifications for high speed data transfers for USB, Firewire, and Ethernet. Your range and data rate will vary according to the characteristics of your prototyping setup.