



The Electrode Interface Board EIB-16-F is designed primarily to hold a NLX-5 or Harlan 4 microdrive in place during microdrive installation. It can also be utilized as a holder when affixing a Neuralynx EIB-8, EIB-16, or EIB-18 to a subject.

The EIB-16-F may also serve as a standard Electrode Interface Board providing the proper connection is made to its output connector. Used as an electrode interface, the EIB-16-F is mounted to microdrive hardware or directly mounted to the subject and provides the electronic signal connection between electrode wires and any connection made to its output connector.

The EIB-16-F does not contain any active electronics, and can pass signals in either direction.

### HS-16-F Connection

The EIB-16-F connects to the mating connector of the microdrive EIB, such as the Neuralynx EIB-16-5-Drive. The EIB-16-F connection to another device can only be made in one direction. The guide posts only allow one connector orientation. Guide posts are shown blacked out in the Pin Layout diagram.

### EIB-16-F Mounting

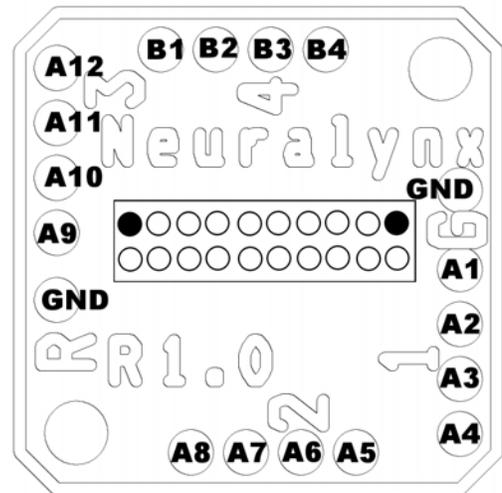
The mounting holes on the PC Board of the EIB-16-F allow it to mount easily to a clamping or holder fixture chosen by the user.

### Electrode Connection

Electrode wires are inserted from the bottom or top of the board. Insulation does not need to be removed from the wire if using Neuralynx EIB Pins. See the Electrode Attachment Guide for more information on using EIB Pins.

### EIB Reuse

Reuse of the EIB-16-F is possible, but not recommended. If reuse of the EIB-16-F is required, please contact Neuralynx for assistance~sales@neuralynx.com



Size(L x W x H)	10.0 mm x 10.0 mm x 6.2 mm
Signals	16 signals, 2 grounds
Connection	Omnetics A9279, 20-Pin
Weight	0.2 grams
Mounting	2 x 1.3 mm diameter hole
EIB Pins	Large Gold Pins