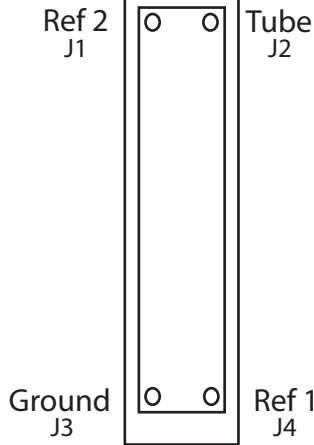


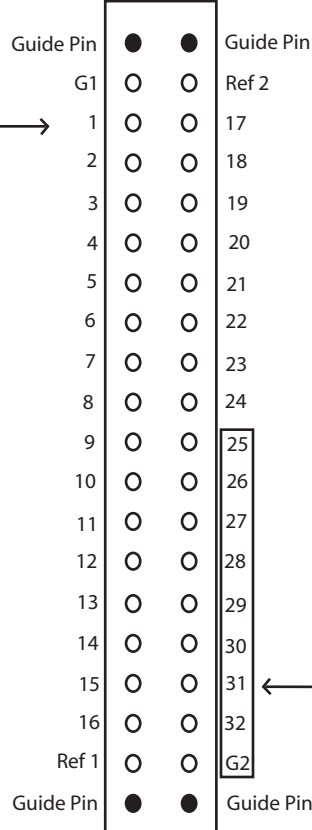
# 24-channel Plextrode® U-Probe Specifications

View of Connector Pins  
(location where headstage amplifiers plug in)

View of Jumper Posts  
(rear view of connector)



Blue dot on connector adjacent to ch #1



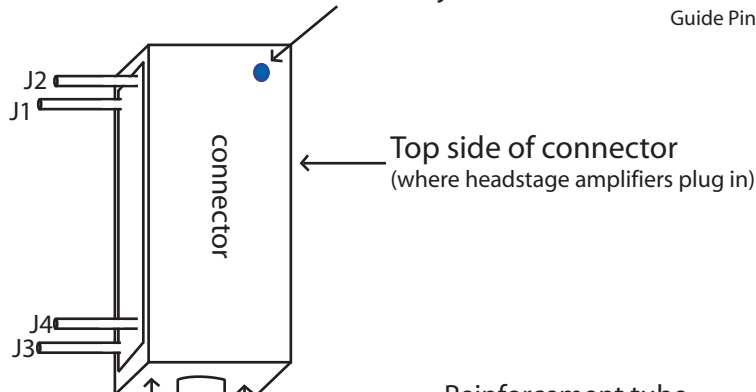
Output Connector:  
- CON/32m-V  
- A8828-001

Mating Connector:  
- CON-32f-V  
- A8857-001

## Jumper Posts

- J1: Ref 2
- J2: Tube
- J3: Ground
- J4: Ref 1

Blue dot on connector adjacent to ch #1



Reinforcement tube  
(23 gauge, 640 µm OD)  
• user defined length optional

30 mm

## Total Probe Length

- 50 - 125 mm
- 100 mm default

210 µm OD Tube

- 420 µm OD when configured with one or more fluid channels

## Inter-electrode Spacing

- 150 or 200 µm
- 50, 100, 150, 200, 250, 300, 400, 500 µm optional

## Distance from Tip to First Electrode

- 500 µm default
- 200-5000 µm optional

## Tip Angle

- 30° default
- 20-60° optional

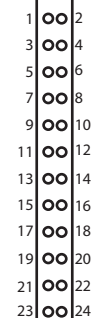
## Other Specifications:

- 15 µm platinum/iridium HML (polyimide) insulated wire, secured in medical-grade epoxy (20 or 25 µm optional)
- Available in single, stereotrode or tetrode configurations (50 µm electrode spacing within stereotrode or tetrode)
- Available with up to two fluid channels (40 µm glass capillary), set between any electrode sites (user defined)

## Stereo/Tetrode Specifications:

- 50 µm spacing within stereo/tetrode, user defined spacing between stereo/tetrode

Stereotrode Configuration



Tetrode Configuration

