

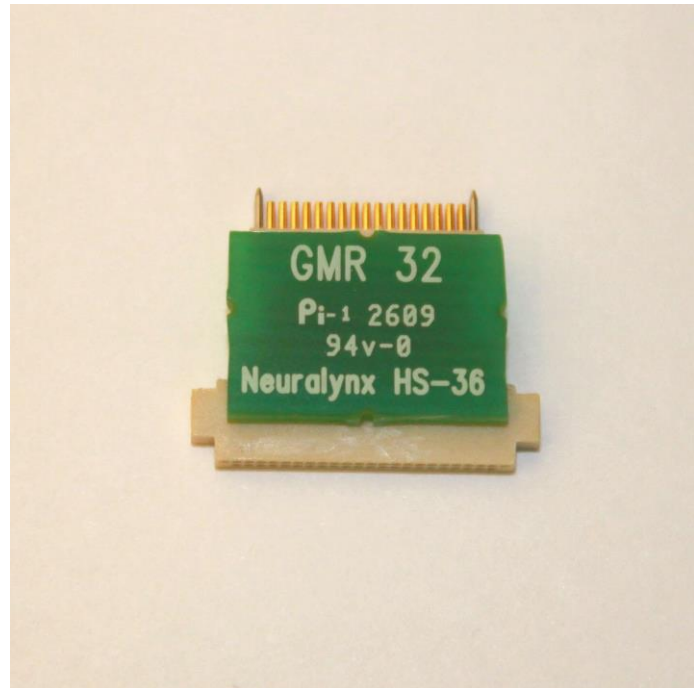
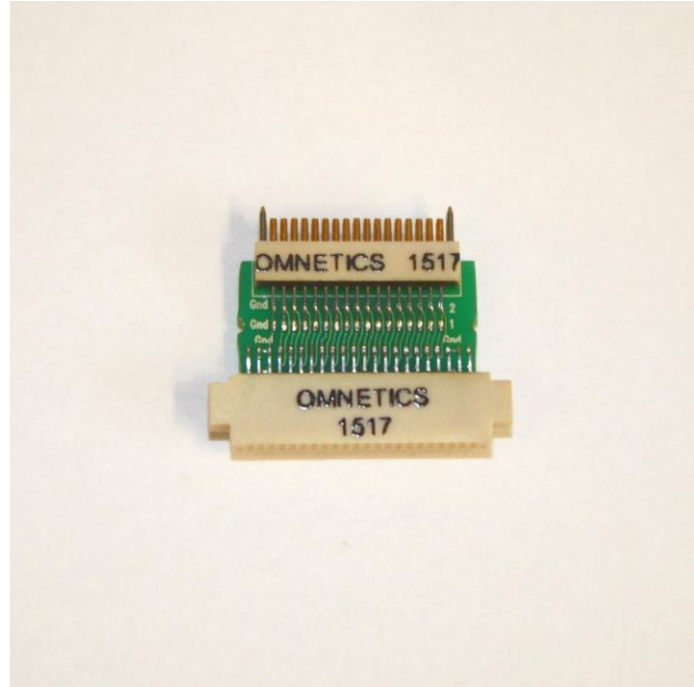
32 Channel GMR-Neuralynx Adapter PCB

The GMR32 connection is made through a single Omnetics connector, part number A71142-001. It is a surface mount, 34 pin, 4 guide posts, right angle protruding female, .025" pitch, dual row connector.

The Neuralynx connection is made through a single Omnetics connector, part number A9509-001. It is a surface mount, 44 pin, right angle, dual row, recessed male connector.

GMR-NLX SC32
Adapter Board
Schematic

GMR #	NLX#
1	InB1
2	InA1
3	InB2
4	InA2
5	InB3
6	InA3
7	InB4
8	InA4
9	InB5
10	InA5
11	InB6
12	InA6
13	InB7
14	InA7
15	InB8
16	InA8
17	InB9
18	InA9
19	InB10
20	InA10
21	InB11
22	InA11
23	InB12
24	InA12
25	InB13
26	InA13
27	InB14
28	InA14
29	InB15
30	InA15
31	InB16
32	InA16



The GMR ground signal is connected to all grounds and References 1-4 on the NLX HS-36 headstage.