

## **Appendix C: Electrode Cap Connector Pinout**

Located on the side of the headbox is an 80 pin connector that can be used to connect to predetermined electrode arrays. Shown below are the pinouts for this connector.

- 1) Headbox connector: 3M 80-Position 0.050 MDR Connector, P/N N10280-52E2VC
- 2) Mating connector: 3M 80-Position 0.050 MDR Wiremount P/N 10180-6000EC
- 3) Pinout:

<b>Pin</b>	<b>Signal</b>	<b>Pin</b>	<b>Signal</b>	<b>Pin</b>	<b>Signal</b>
01	Channel 01	27	Channel 38	53	Bipolar +1
02	Channel 09	28	Channel 46	54	Bipolar --1
03	Channel 33	29	Bipolar +4	55	Channel 20
04	Channel 41	30	Bipolar --4	56	Channel 28
05	Patient Ground	31	Channel 23	57	Channel 52
06	Reference	32	Channel 31	58	Channel 60
07	Channel 18	33	Channel 55	59	Channel 05
08	Channel 26	34	Channel 63	60	Channel 13
09	Channel 50	35	Channel 24	61	Channel 37
10	Channel 58	36	Channel 32	62	Channel 45
11	Channel 19	37	Channel 56	63	Bipolar +3
12	Channel 27	38	Channel 64	64	Bipolar --3
13	Channel 51	39	Spare	65	Channel 22
14	Channel 59	40	Spare	66	Channel 30
15	Channel 04	41	Channel 17	67	Channel 54

16	Channel 12	42	Channel 25	68	Channel 62
17	Channel 36	43	Channel 49	69	Channel 07
18	Channel 44	44	Channel 57	70	Channel 15
19	Bipolar +2	45	Channel 02	71	Channel 39
20	Bipolar --2	46	Channel 10	72	Channel 47
21	Channel 21	47	Channel 34	73	Channel 08
22	Channel 29	48	Channel 42	74	Channel 16
23	Channel 53	49	Channel 03	75	Channel 40
24	Channel 61	50	Channel 11	76	Channel 48
25	Channel 06	51	Channel 35	77	Spare
26	Channel 14	52	Channel 43	78	Spare
				79	Spare
				80	Spare