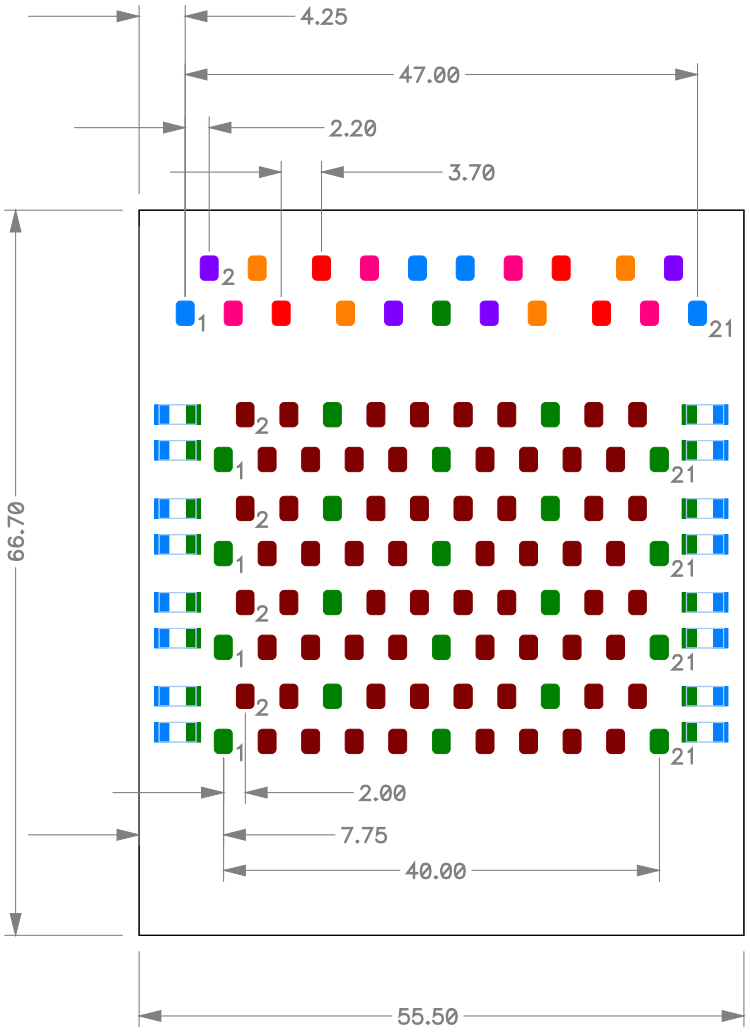
PROPOSED FRONT BOARD CONTACT PAD LAYOUT (HORIZONTAL ONLY – VERTICAL TBD BASED ON STACK MECHANICAL REQUIREMENTS)

G. VISSER 9/20/2013

VIEW FROM BACK SIDE (CONTACT PAD SIDE)



NOTE: FOR QUICK SKETCH, THE RADIUS CORNERS, TABS, AND MOUNTING HOLES OF THE FRONT BOARD ARE NOT SHOWN HERE. REFER TO JIM'S DRAWING FOR THOSE DETAILS. WILL BE ADDED HERE SOON.

LEGEND

- −3570 V
- −3300 V
- −2400 V
- −1500 V
- −600 V
- GND
- 0 V (SIGNAL)

HVB GENERAL PINOUT SCHEME

1	MCP2B	−600 (TYP. – ANY MAY BE 0 !!)
2	MCP2T	−1500
3	MCP1B	−2400
4	MCP1T	−3300
5	K	−3570
6	K	−3570
7	MCP1T	−3300
8	MCP1B	−2400
9	MCP2T	−1500
10	MCP2B	−600
11	GND	0
12	MCP2B	−600
13	MCP2T	−1500
14	MCP1B	−2400
15	MCP1T	−3300
16	K	−3570
17	K	−3570
18	MCP1T	−3300
19	MCP1B	−2400
20	MCP2T	−1500
21	MCP2B	−600

FEE (aka CARRIER) GENERAL PINOUT SCHEME

1	GND
2	A
3	A
4	A
5	A
6	GND
7	A
8	A
9	A
10	A
11	GND
12	A
13	A
14	A
15	A
16	GND
17	A
18	A
19	A
20	A
21	GND

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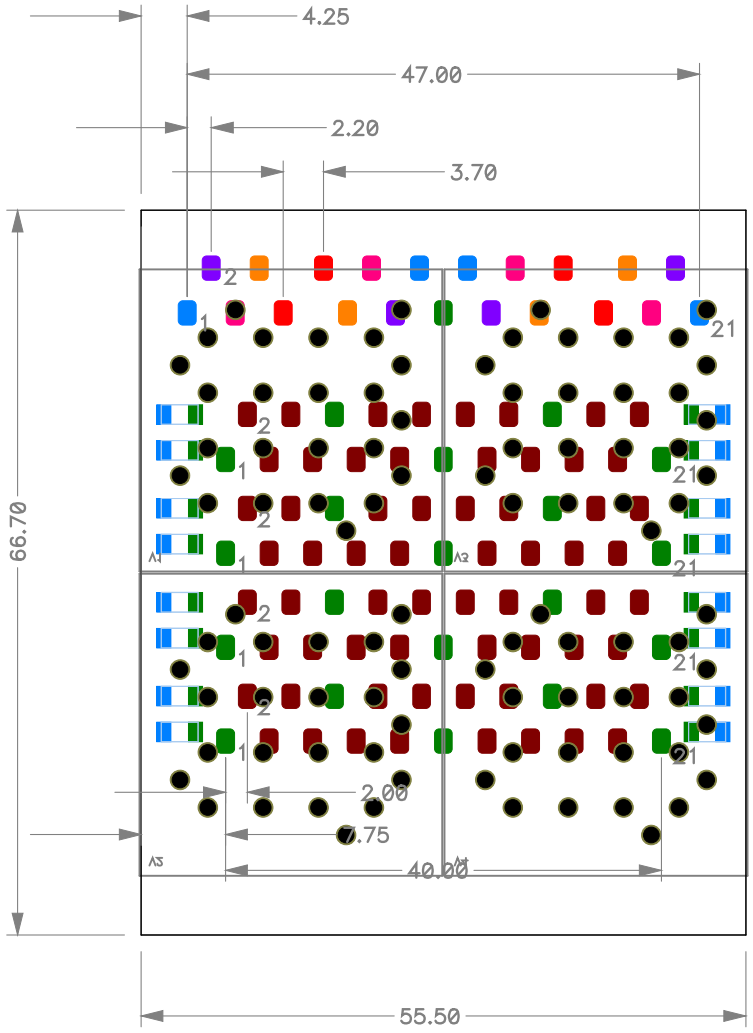

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6	K	−3570
7	MCP1T	−3300
8	MCP1B	−2400
9	MCP2T	−1500
10	MCP2B	−600
11	GND	0
12	MCP2B	−600
13	MCP2T	−1500
14	MCP1B	−2400
15	MCP1T	−3300
16	K	−3570
17	K	−3570
18	MCP1T	−3300
19	MCP1B	−2400
20	MCP2T	−1500
21	MCP2B	−600

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3	A
4	A
5	A
6	GND
7	A
8	A
9	A
10	A
11	GND
12	A
13	A
14	A
15	A
16	GND
17	A
18	A
19	A
20	A
21	GND