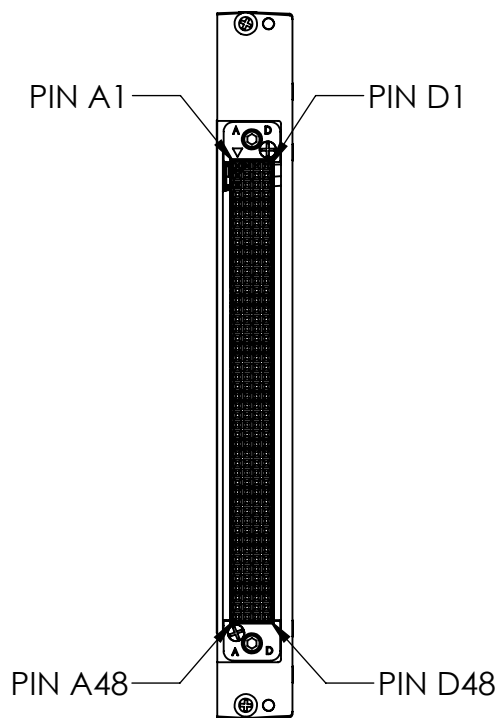


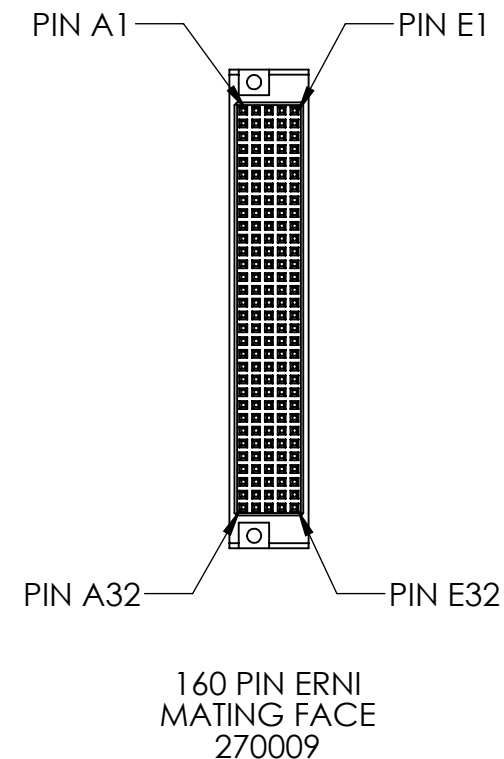
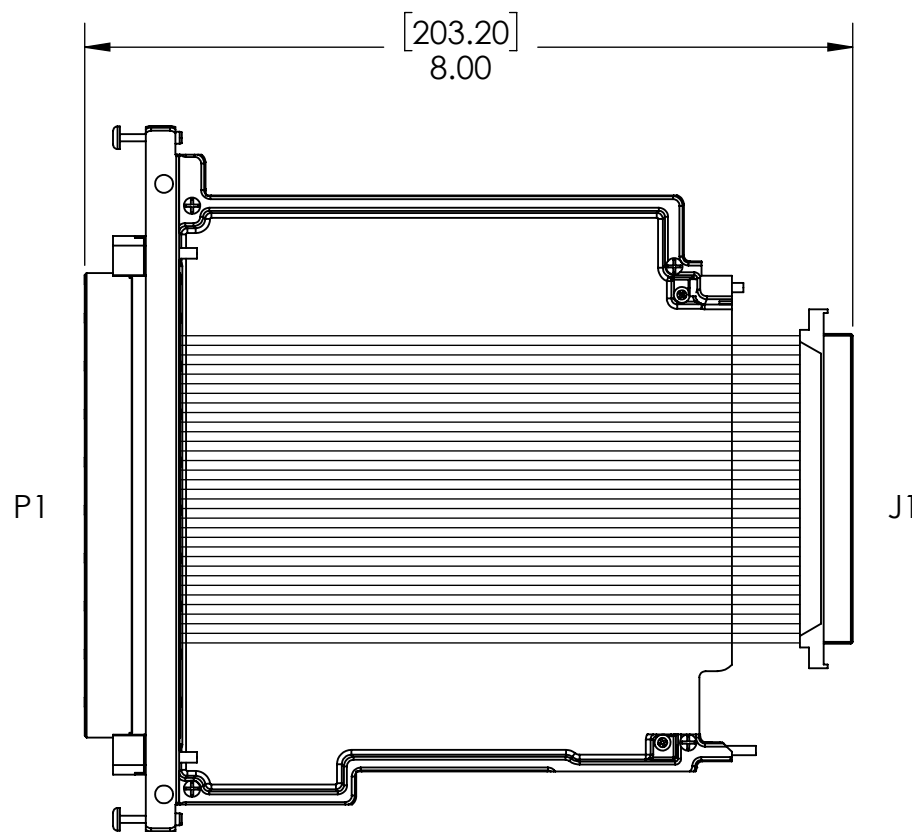
DO NOT SCALE DRAWING

THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF VIRGINIA PANEL CORPORATION AND IS SUBMITTED FOR USE BY THE CUSTOMER ONLY. THE DATA SHALL NOT BE DUPLICATED, USED, OR DISCLOSED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO MAINTAIN THE EQUIPMENT PROVIDED. CONSULT WITH VIRGINIA PANEL CORPORATION ENGINEERING IF MORE DETAIL IS REQUIRED.

REV	DESCRIPTION	DATE	ENGINEER
A	ORIGINAL RELEASE ECN #10817	10/27/2020	J BRYAN



192 PIN RCV MODULE  
MATING FACE  
510150115



160 PIN ERNI  
MATING FACE  
270009

MATING MODULE:	510151105 (1)
MATING PATCHCORD:	7-121924000-008 (160)

2. COVER NOT SHOWN FOR CLARITY

1. FOR APPLICATION USE AND CARE INFORMATION CONSULT VPC USERS GUIDE @ WWW.VPC.COM

NOTES:

RELATIVE CONNECTOR POSITIONS  
AND WIRE ROUTING ARE GENERIC  
AND MAY VARY WITH PINOUT

DIMENSIONS ARE SHOWN AS:  
[MILLIMETERS]  
INCHES

**CUSTOMER DRAWING**



PTA PXI 160PN  
DIN FML

DWG.NO.		510140311		REV	A
SIZE	SCALE	CAGE CODE	SHEET		
B	NONE	18117	1 OF 1		

Run #	From Location (Conn - Pin)	Contact	Signal Desc	Wire AWG	Wire/Patchcord P/N	Length (in)	Wire Color	T/P #	To Location (Conn - Pin)	Signal Desc	Contact	Notes
1	P1-A1	610138216	-	24	7-124924536-008	-	WHT	-	J1-E1	-	270009	-
2	P1-B1	610138216	-	24	7-124924536-008	-	WHT	-	J1-D1	-	270009	-
3	P1-C1	610138216	-	24	7-124924536-008	-	WHT	-	J1-C1	-	270009	-
4	P1-D1	610138216	-	24	7-124924536-008	-	WHT	-	J1-B1	-	270009	-
5	P1-A2	610138216	-	24	7-124924536-008	-	WHT	-	J1-A1	-	270009	-
6	P1-B2	610138216	-	24	7-124924536-008	-	WHT	-	J1-E2	-	270009	-
7	P1-C2	610138216	-	24	7-124924536-008	-	WHT	-	J1-D2	-	270009	-
8	P1-D2	610138216	-	24	7-124924536-008	-	WHT	-	J1-C2	-	270009	-
9	P1-A3	610138216	-	24	7-124924536-008	-	WHT	-	J1-B2	-	270009	-
10	P1-B3	610138216	-	24	7-124924536-008	-	WHT	-	J1-A2	-	270009	-
11	P1-C3	610138216	-	24	7-124924536-008	-	WHT	-	J1-E3	-	270009	-
12	P1-D3	610138216	-	24	7-124924536-008	-	WHT	-	J1-D3	-	270009	-
13	P1-A4	610138216	-	24	7-124924536-008	-	WHT	-	J1-C3	-	270009	-
14	P1-B4	610138216	-	24	7-124924536-008	-	WHT	-	J1-B3	-	270009	-
15	P1-C4	610138216	-	24	7-124924536-008	-	WHT	-	J1-A3	-	270009	-
16	P1-D4	610138216	-	24	7-124924536-008	-	WHT	-	J1-E4	-	270009	-
17	P1-A5	610138216	-	24	7-124924536-008	-	WHT	-	J1-D4	-	270009	-
18	P1-B5	610138216	-	24	7-124924536-008	-	WHT	-	J1-C4	-	270009	-
19	P1-C5	610138216	-	24	7-124924536-008	-	WHT	-	J1-B4	-	270009	-
20	P1-D5	610138216	-	24	7-124924536-008	-	WHT	-	J1-A4	-	270009	-
21	P1-A6	610138216	-	24	7-124924536-008	-	WHT	-	J1-E5	-	270009	-
22	P1-B6	610138216	-	24	7-124924536-008	-	WHT	-	J1-D5	-	270009	-
23	P1-C6	610138216	-	24	7-124924536-008	-	WHT	-	J1-C5	-	270009	-
24	P1-D6	610138216	-	24	7-124924536-008	-	WHT	-	J1-B5	-	270009	-
25	P1-A7	610138216	-	24	7-124924536-008	-	WHT	-	J1-A5	-	270009	-
26	P1-B7	610138216	-	24	7-124924536-008	-	WHT	-	J1-E6	-	270009	-
27	P1-C7	610138216	-	24	7-124924536-008	-	WHT	-	J1-D6	-	270009	-
28	P1-D7	610138216	-	24	7-124924536-008	-	WHT	-	J1-C6	-	270009	-
29	P1-A8	610138216	-	24	7-124924536-008	-	WHT	-	J1-B6	-	270009	-
30	P1-B8	610138216	-	24	7-124924536-008	-	WHT	-	J1-A6	-	270009	-
31	P1-C8	610138216	-	24	7-124924536-008	-	WHT	-	J1-E7	-	270009	-
32	P1-D8	610138216	-	24	7-124924536-008	-	WHT	-	J1-D7	-	270009	-
33	P1-A9	610138216	-	24	7-124924536-008	-	WHT	-	J1-C7	-	270009	-
34	P1-B9	610138216	-	24	7-124924536-008	-	WHT	-	J1-B7	-	270009	-
35	P1-C9	610138216	-	24	7-124924536-008	-	WHT	-	J1-A7	-	270009	-
36	P1-D9	610138216	-	24	7-124924536-008	-	WHT	-	J1-E8	-	270009	-
37	P1-A10	610138216	-	24	7-124924536-008	-	WHT	-	J1-D8	-	270009	-
38	P1-B10	610138216	-	24	7-124924536-008	-	WHT	-	J1-C8	-	270009	-
39	P1-C10	610138216	-	24	7-124924536-008	-	WHT	-	J1-B8	-	270009	-
40	P1-D10	610138216	-	24	7-124924536-008	-	WHT	-	J1-A8	-	270009	-
41	P1-A11	610138216	-	24	7-124924536-008	-	WHT	-	J1-E9	-	270009	-
42	P1-B11	610138216	-	24	7-124924536-008	-	WHT	-	J1-D9	-	270009	-
43	P1-C11	610138216	-	24	7-124924536-008	-	WHT	-	J1-C9	-	270009	-
44	P1-D11	610138216	-	24	7-124924536-008	-	WHT	-	J1-B9	-	270009	-

Run #	From Location (Conn - Pin)	Contact	Signal Desc	Wire AWG	Wire/Patchcord P/N	Length (in)	Wire Color	T/P #	To Location (Conn - Pin)	Signal Desc	Contact	Notes
45	P1-A12	610138216	-	24	7-124924536-008	-	WHT	-	J1-A9	-	270009	-
46	P1-B12	610138216	-	24	7-124924536-008	-	WHT	-	J1-E10	-	270009	-
47	P1-C12	610138216	-	24	7-124924536-008	-	WHT	-	J1-D10	-	270009	-
48	P1-D12	610138216	-	24	7-124924536-008	-	WHT	-	J1-C10	-	270009	-
49	P1-A13	610138216	-	24	7-124924536-008	-	WHT	-	J1-B10	-	270009	-
50	P1-B13	610138216	-	24	7-124924536-008	-	WHT	-	J1-A10	-	270009	-
51	P1-C13	610138216	-	24	7-124924536-008	-	WHT	-	J1-E11	-	270009	-
52	P1-D13	610138216	-	24	7-124924536-008	-	WHT	-	J1-D11	-	270009	-
53	P1-A14	610138216	-	24	7-124924536-008	-	WHT	-	J1-C11	-	270009	-
54	P1-B14	610138216	-	24	7-124924536-008	-	WHT	-	J1-B11	-	270009	-
55	P1-C14	610138216	-	24	7-124924536-008	-	WHT	-	J1-A11	-	270009	-
56	P1-D14	610138216	-	24	7-124924536-008	-	WHT	-	J1-E12	-	270009	-
57	P1-A15	610138216	-	24	7-124924536-008	-	WHT	-	J1-D12	-	270009	-
58	P1-B15	610138216	-	24	7-124924536-008	-	WHT	-	J1-C12	-	270009	-
59	P1-C15	610138216	-	24	7-124924536-008	-	WHT	-	J1-B12	-	270009	-
60	P1-D15	610138216	-	24	7-124924536-008	-	WHT	-	J1-A12	-	270009	-
61	P1-A16	610138216	-	24	7-124924536-008	-	WHT	-	J1-E13	-	270009	-
62	P1-B16	610138216	-	24	7-124924536-008	-	WHT	-	J1-D13	-	270009	-
63	P1-C16	610138216	-	24	7-124924536-008	-	WHT	-	J1-C13	-	270009	-
64	P1-D16	610138216	-	24	7-124924536-008	-	WHT	-	J1-B13	-	270009	-
65	P1-A17	610138216	-	24	7-124924536-008	-	WHT	-	J1-A13	-	270009	-
66	P1-B17	610138216	-	24	7-124924536-008	-	WHT	-	J1-E14	-	270009	-
67	P1-C17	610138216	-	24	7-124924536-008	-	WHT	-	J1-D14	-	270009	-
68	P1-D17	610138216	-	24	7-124924536-008	-	WHT	-	J1-C14	-	270009	-
69	P1-A18	610138216	-	24	7-124924536-008	-	WHT	-	J1-B14	-	270009	-
70	P1-B18	610138216	-	24	7-124924536-008	-	WHT	-	J1-A14	-	270009	-
71	P1-C18	610138216	-	24	7-124924536-008	-	WHT	-	J1-E15	-	270009	-
72	P1-D18	610138216	-	24	7-124924536-008	-	WHT	-	J1-D15	-	270009	-
73	P1-A19	610138216	-	24	7-124924536-008	-	WHT	-	J1-C15	-	270009	-
74	P1-B19	610138216	-	24	7-124924536-008	-	WHT	-	J1-B15	-	270009	-
75	P1-C19	610138216	-	24	7-124924536-008	-	WHT	-	J1-A15	-	270009	-
76	P1-D19	610138216	-	24	7-124924536-008	-	WHT	-	J1-E16	-	270009	-
77	P1-A20	610138216	-	24	7-124924536-008	-	WHT	-	J1-D16	-	270009	-
78	P1-B20	610138216	-	24	7-124924536-008	-	WHT	-	J1-C16	-	270009	-
79	P1-C20	610138216	-	24	7-124924536-008	-	WHT	-	J1-B16	-	270009	-
80	P1-D20	610138216	-	24	7-124924536-008	-	WHT	-	J1-A16	-	270009	-
81	P1-A21	610138216	-	24	7-124924536-008	-	WHT	-	J1-E17	-	270009	-
82	P1-B21	610138216	-	24	7-124924536-008	-	WHT	-	J1-D17	-	270009	-
83	P1-C21	610138216	-	24	7-124924536-008	-	WHT	-	J1-C17	-	270009	-
84	P1-D21	610138216	-	24	7-124924536-008	-	WHT	-	J1-B17	-	270009	-
85	P1-A22	610138216	-	24	7-124924536-008	-	WHT	-	J1-A17	-	270009	-
86	P1-B22	610138216	-	24	7-124924536-008	-	WHT	-	J1-E18	-	270009	-
87	P1-C22	610138216	-	24	7-124924536-008	-	WHT	-	J1-D18	-	270009	-
88	P1-D22	610138216	-	24	7-124924536-008	-	WHT	-	J1-C18	-	270009	-

Run #	From Location (Conn - Pin)	Contact	Signal Desc	Wire AWG	Wire/Patchcord P/N	Length (in)	Wire Color	T/P #	To Location (Conn - Pin)	Signal Desc	Contact	Notes
89	P1-A23	610138216	-	24	7-124924536-008	-	WHT	-	J1-B18	-	270009	-
90	P1-B23	610138216	-	24	7-124924536-008	-	WHT	-	J1-A18	-	270009	-
91	P1-C23	610138216	-	24	7-124924536-008	-	WHT	-	J1-E19	-	270009	-
92	P1-D23	610138216	-	24	7-124924536-008	-	WHT	-	J1-D19	-	270009	-
93	P1-A24	610138216	-	24	7-124924536-008	-	WHT	-	J1-C19	-	270009	-
94	P1-B24	610138216	-	24	7-124924536-008	-	WHT	-	J1-B19	-	270009	-
95	P1-C24	610138216	-	24	7-124924536-008	-	WHT	-	J1-A19	-	270009	-
96	P1-D24	610138216	-	24	7-124924536-008	-	WHT	-	J1-E20	-	270009	-
97	P1-A25	610138216	-	24	7-124924536-008	-	WHT	-	J1-D20	-	270009	-
98	P1-B25	610138216	-	24	7-124924536-008	-	WHT	-	J1-C20	-	270009	-
99	P1-C25	610138216	-	24	7-124924536-008	-	WHT	-	J1-B20	-	270009	-
100	P1-D25	610138216	-	24	7-124924536-008	-	WHT	-	J1-A20	-	270009	-
101	P1-A26	610138216	-	24	7-124924536-008	-	WHT	-	J1-E21	-	270009	-
102	P1-B26	610138216	-	24	7-124924536-008	-	WHT	-	J1-D21	-	270009	-
103	P1-C26	610138216	-	24	7-124924536-008	-	WHT	-	J1-C21	-	270009	-
104	P1-D26	610138216	-	24	7-124924536-008	-	WHT	-	J1-B21	-	270009	-
105	P1-A27	610138216	-	24	7-124924536-008	-	WHT	-	J1-A21	-	270009	-
106	P1-B27	610138216	-	24	7-124924536-008	-	WHT	-	J1-E22	-	270009	-
107	P1-C27	610138216	-	24	7-124924536-008	-	WHT	-	J1-D22	-	270009	-
108	P1-D27	610138216	-	24	7-124924536-008	-	WHT	-	J1-C22	-	270009	-
109	P1-A28	610138216	-	24	7-124924536-008	-	WHT	-	J1-B22	-	270009	-
110	P1-B28	610138216	-	24	7-124924536-008	-	WHT	-	J1-A22	-	270009	-
111	P1-C28	610138216	-	24	7-124924536-008	-	WHT	-	J1-E23	-	270009	-
112	P1-D28	610138216	-	24	7-124924536-008	-	WHT	-	J1-D23	-	270009	-
113	P1-A29	610138216	-	24	7-124924536-008	-	WHT	-	J1-C23	-	270009	-
114	P1-B29	610138216	-	24	7-124924536-008	-	WHT	-	J1-B23	-	270009	-
115	P1-C29	610138216	-	24	7-124924536-008	-	WHT	-	J1-A23	-	270009	-
116	P1-D29	610138216	-	24	7-124924536-008	-	WHT	-	J1-E24	-	270009	-
117	P1-A30	610138216	-	24	7-124924536-008	-	WHT	-	J1-D24	-	270009	-
118	P1-B30	610138216	-	24	7-124924536-008	-	WHT	-	J1-C24	-	270009	-
119	P1-C30	610138216	-	24	7-124924536-008	-	WHT	-	J1-B24	-	270009	-
120	P1-D30	610138216	-	24	7-124924536-008	-	WHT	-	J1-A24	-	270009	-
121	P1-A31	610138216	-	24	7-124924536-008	-	WHT	-	J1-E25	-	270009	-
122	P1-B31	610138216	-	24	7-124924536-008	-	WHT	-	J1-D25	-	270009	-
123	P1-C31	610138216	-	24	7-124924536-008	-	WHT	-	J1-C25	-	270009	-
124	P1-D31	610138216	-	24	7-124924536-008	-	WHT	-	J1-B25	-	270009	-
125	P1-A32	610138216	-	24	7-124924536-008	-	WHT	-	J1-A25	-	270009	-
126	P1-B32	610138216	-	24	7-124924536-008	-	WHT	-	J1-E26	-	270009	-
127	P1-C32	610138216	-	24	7-124924536-008	-	WHT	-	J1-D26	-	270009	-
128	P1-D32	610138216	-	24	7-124924536-008	-	WHT	-	J1-C26	-	270009	-
129	P1-A33	610138216	-	24	7-124924536-008	-	WHT	-	J1-B26	-	270009	-
130	P1-B33	610138216	-	24	7-124924536-008	-	WHT	-	J1-A26	-	270009	-
131	P1-C33	610138216	-	24	7-124924536-008	-	WHT	-	J1-E27	-	270009	-
132	P1-D33	610138216	-	24	7-124924536-008	-	WHT	-	J1-D27	-	270009	-

Run #	From Location (Conn - Pin)	Contact	Signal Desc	Wire AWG	Wire/Patchcord P/N	Length (in)	Wire Color	T/P #	To Location (Conn - Pin)	Signal Desc	Contact	Notes
133	P1-A34	610138216	-	24	7-124924536-008	-	WHT	-	J1-C27	-	270009	-
134	P1-B34	610138216	-	24	7-124924536-008	-	WHT	-	J1-B27	-	270009	-
135	P1-C34	610138216	-	24	7-124924536-008	-	WHT	-	J1-A27	-	270009	-
136	P1-D34	610138216	-	24	7-124924536-008	-	WHT	-	J1-E28	-	270009	-
137	P1-A35	610138216	-	24	7-124924536-008	-	WHT	-	J1-D28	-	270009	-
138	P1-B35	610138216	-	24	7-124924536-008	-	WHT	-	J1-C28	-	270009	-
139	P1-C35	610138216	-	24	7-124924536-008	-	WHT	-	J1-B28	-	270009	-
140	P1-D35	610138216	-	24	7-124924536-008	-	WHT	-	J1-A28	-	270009	-
141	P1-A36	610138216	-	24	7-124924536-008	-	WHT	-	J1-E29	-	270009	-
142	P1-B36	610138216	-	24	7-124924536-008	-	WHT	-	J1-D29	-	270009	-
143	P1-C36	610138216	-	24	7-124924536-008	-	WHT	-	J1-C29	-	270009	-
144	P1-D36	610138216	-	24	7-124924536-008	-	WHT	-	J1-B29	-	270009	-
145	P1-A37	610138216	-	24	7-124924536-008	-	WHT	-	J1-A29	-	270009	-
146	P1-B37	610138216	-	24	7-124924536-008	-	WHT	-	J1-E30	-	270009	-
147	P1-C37	610138216	-	24	7-124924536-008	-	WHT	-	J1-D30	-	270009	-
148	P1-D37	610138216	-	24	7-124924536-008	-	WHT	-	J1-C30	-	270009	-
149	P1-A38	610138216	-	24	7-124924536-008	-	WHT	-	J1-B30	-	270009	-
150	P1-B38	610138216	-	24	7-124924536-008	-	WHT	-	J1-A30	-	270009	-
151	P1-C38	610138216	-	24	7-124924536-008	-	WHT	-	J1-E31	-	270009	-
152	P1-D38	610138216	-	24	7-124924536-008	-	WHT	-	J1-D31	-	270009	-
153	P1-A39	610138216	-	24	7-124924536-008	-	WHT	-	J1-C31	-	270009	-
154	P1-B39	610138216	-	24	7-124924536-008	-	WHT	-	J1-B31	-	270009	-
155	P1-C39	610138216	-	24	7-124924536-008	-	WHT	-	J1-A31	-	270009	-
156	P1-D39	610138216	-	24	7-124924536-008	-	WHT	-	J1-E32	-	270009	-
157	P1-A40	610138216	-	24	7-124924536-008	-	WHT	-	J1-D32	-	270009	-
158	P1-B40	610138216	-	24	7-124924536-008	-	WHT	-	J1-C32	-	270009	-
159	P1-C40	610138216	-	24	7-124924536-008	-	WHT	-	J1-B32	-	270009	-
160	P1-D40	610138216	-	24	7-124924536-008	-	WHT	-	J1-A32	-	270009	-