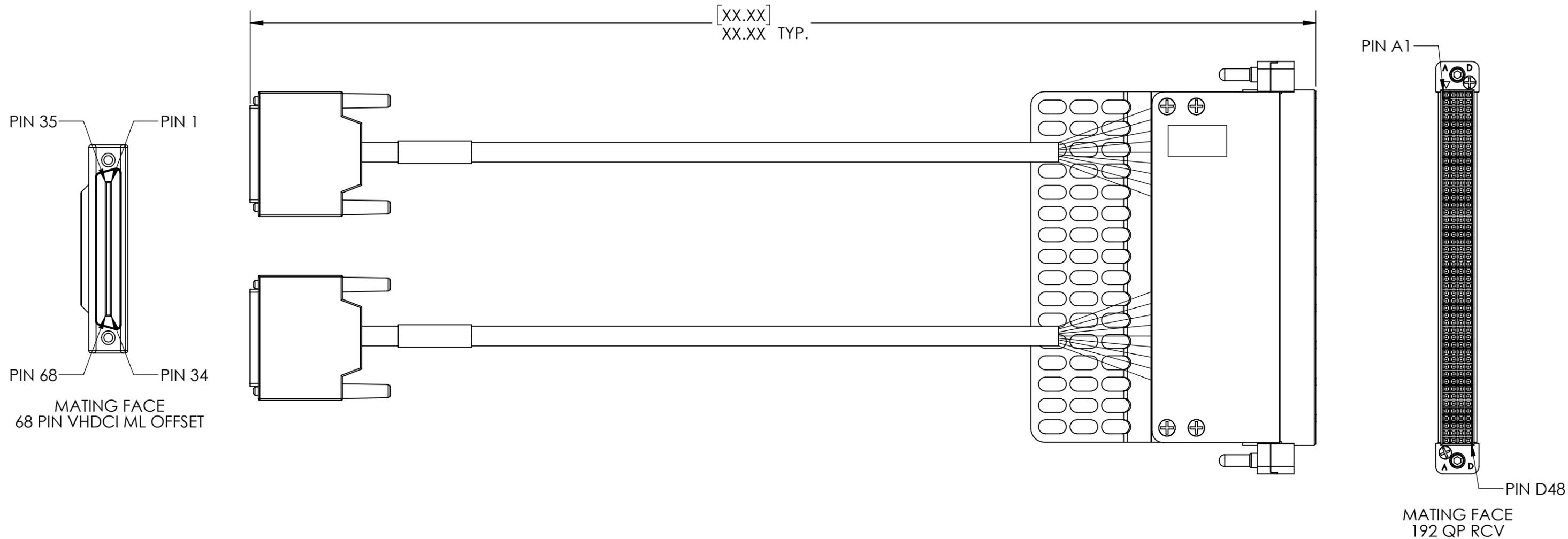


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REV	DESCRIPTION	DATE	ENGINEER
A	ORIGINAL RELEASE ECN #15694	3/18/26	Z MORRIS



2. MATING MODULE 510151105 QTY 1
MATING PATCHCORDS 7-121424000-036 QTY 138

1. FOR MORE INFORMATION VISIT VPC.COM

NOTES:

VPC P/N P/N WHERE X =	LENGTH XX.XX"
1	20.00" [508]
2	36.00" [914]
6	48.00" [1219]
9	60.00" [1524]
5	72.00" [1829]

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

DIMENSIONS ARE SHOWN AS:
[MILLIMETERS]
INCHES

CUSTOMER DRAWING



**CBA PXI
(2) 68 VHDCI ML**

DWG.NO.	540072040X40	REV	A
SIZE	SCALE	CAGE CODE	SHEET
B	NONE	18117	1 OF 3

Run #	From Location (Conn - Pin)	From Signal Desc	Wire AWG	Wire Color	T/P #	To Location (Conn-Pin)
1	P1-A1	PFI 14/P2.6	28 T/P	YEL	1	J1-1
2	P1-A2	D GND	↑	YEL/BLK	↑	J1-35
3	P1-B1	PFI 12/P2.4	28 T/P	RED	2	J1-2
4	P1-B2	D GND	↑	RED/BLK	↑	J1-36
5	P1-C1	PFI 9/P2.1	28 T/P	BRN	3	J1-3
6	P1-C2	PFI 8/P2.0	↑	BRN/WHT	↑	J1-37
7	P1-D1	D GND	28 T/P	LT BLU	4	J1-4
8	P1-D2	PFI 7/P1.7	↑	LT BLU/BLK	↑	J1-38
9	P1-A3	PFI 6/P1.6	28 T/P	LT BLU/GRN	5	J1-5
10	P1-A4	PFI 15/P2.7	↑	LT BLU/YEL	↑	J1-39
11	P1-B3	PFI 5/P1.5	28 T/P	GRN	6	J1-6
12	P1-B4	PFI 13/P2.5	↑	GRN/BLK	↑	J1-40
13	P1-C3	D GND	28 T/P	BLU	7	J1-7
14	P1-C4	PFI 4/P1.4	↑	BLU/WHT	↑	J1-41
15	P1-D3	+5 V	28 T/P	WHT	8	J1-8
16	P1-D4	PFI 3/P1.3	↑	WHT/BLK	↑	J1-42
17	P1-A5	D GND	28 T/P	PNK	9	J1-9
18	P1-A6	PFI 2/P1.2	↑	PNK/BLK	↑	J1-43
19	P1-B5	PFI 1/P1.1	28 T/P	VIO	10	J1-10
20	P1-B6	D GND	↑	VIO/WHT	↑	J1-44
21	P1-C5	PFI 0/P1.0	28 T/P	GRY	11	J1-11
22	P1-C6	PFI 10/P2.2	↑	GRY/BLK	↑	J1-45
23	P1-D5	D GND	28 T/P	ORG	12	J1-12
24	P1-D6	PFI 11/P2.3	↑	ORG/BLK	↑	J1-46
25	P1-A7	D GND	28 T/P	PNK/WHT	13	J1-13
26	P1-A8	P0.3	↑	PNK/YEL	↑	J1-47
27	P1-B7	+5 V	28 T/P	GRY/GRN	14	J1-14
28	P1-B8	P0.7	↑	GRY/YEL	↑	J1-48
29	P1-C7	D GND	28 T/P	WHT/YEL	15	J1-15
30	P1-C8	P0.2	↑	WHT/GRN	↑	J1-49
31	P1-D7	P0.6	28 T/P	LT GRN/RD	16	J1-16
32	P1-D8	D GND	↑	GRN/BLU	↑	J1-50
33	P1-A9	P0.1	28 T/P	LT BLU/BLU	17	J1-17
34	P1-A10	P0.5	↑	LT BLU/RED	↑	J1-51

Run #	From Location (Conn - Pin)	From Signal Desc	Wire AWG	Wire Color	T/P #	To Location (Conn-Pin)
35	P1-B9	D GND	28 T/P	PNK/RED	18	J1-18
36	P1-B10	P0.0	↑	PNK/BLU	↑	J1-52
37	P1-C9	P0.4	28 T/P	GRY/RED	19	J1-19
38	P1-C10	D GND	↑	GRY/BLU	↑	J1-53
39	P1-D9	APFI 0	28 T/P	GRN/WHT	20	J1-20
40	P1-D10	AO GND	↑	LT GRN/BLU	↑	J1-54
41	P1-A11	AO 1	28 T/P	YEL/RED	21	J1-21
42	P1-A12	AO GND	↑	YEL/BLU	↑	J1-55
43	P1-B11	AO 0	28 T/P	RED/WHT	22	J1-22
44	P1-B12	AI GND	↑	RED/BLU	↑	J1-56
45	P1-C11	AI 15 (AI 7-)	28 T/P	WHT/RED	23	J1-23
46	P1-C12	AI 7 (AI 7+)	↑	WHT/BLU	↑	J1-57
47	P1-D11	AI GND	28 T/P	LT GRN	24	J1-24
48	P1-D12	AI 14 (AI 6-)	↑	LT GRN/BLK	↑	J1-58
49	P1-A13	AI 6 (AI 6+)	28 T/P	LT GRN/YEL	25	J1-25
50	P1-A14	AI GND	↑	LT GRN/GRN	↑	J1-59
51	P1-B13	AI 13 (AI 5-)	28 T/P	ORG/WHT	26	J1-26
52	P1-B14	AI 5 (AI 5+)	↑	GRY/WHT	↑	J1-60
53	P1-C13	AI GND	28 T/P	ORG/GRN	27	J1-27
54	P1-C14	AI 12 (AI 4-)	↑	ORG/RED	↑	J1-61
55	P1-D13	AI 4 (AI 4+)	28 T/P	VIO/GRN	28	J1-28
56	P1-D14	AI SENSE	↑	VIO/BLU	↑	J1-62
57	P1-A15	AI GND	28 T/P	VIO/RED	29	J1-29
58	P1-A16	AI 11 (AI 3-)	↑	BLU/RED	↑	J1-63
59	P1-B15	AI 3 (AI 3+)	28 T/P	LT YEL/BLK	30	J1-30
60	P1-B16	AI GND	↑	YEL/WHT	↑	J1-64
61	P1-C15	AI 10 (AI 2-)	28 T/P	LT YEL/GRN	31	J1-31
62	P1-C16	AI 2 (AI 2+)	↑	LT YEL/BLU	↑	J1-65
63	P1-D15	AI GND	28 T/P	LT YEL	32	J1-32
64	P1-D16	AI 9 (AI 1-)	↑	LT YEL/RED	↑	J1-66
65	P1-A17	AI 1 (AI 1+)	28 T/P	LT BRN	33	J1-33
66	P1-A18	AI GND	↑	LT BRN/RED	↑	J1-67
67	P1-B17	AI 8 (AI 0-)	28 T/P	BLK	34	J1-34
68	P1-B18	AI 0 (AI 0+)	↑	BLK/WHT	↑	J1-68
69	P1-C17	SHLD	24	BLK	-	J1-SHLD

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DWG.NO.		540072040X40		REV	A
SIZE	SCALE	CAGE CODE	SHEET		
B	NONE	18117	2 OF 3		

DO NOT SCALE DRAWING

Run #	From Location (Conn - Pin)	From Signal Desc	Wire AWG	Wire Color	T/P #	To Location (Conn-Pin)
70	P1-A19	P0.35	28 T/P	YEL	35	J2-1
71	P1-A20	D GND	↑	YEL/BLK	↑	J2-35
72	P1-B19	P0.28	28 T/P	RED	36	J2-2
73	P1-B20	D GND	↑	RED/BLK	↑	J2-36
74	P1-C19	P0.25	28 T/P	BRN	37	J2-3
75	P1-C20	P0.24	↑	BRN/WHT	↑	J2-37
76	P1-D19	D GND	28 T/P	LT BLU	38	J2-4
77	P1-D20	P0.23	↑	LT BLU/BLK	↑	J2-38
78	P1-A21	P0.22	28 T/P	LT BLU/GRN	39	J2-5
79	P1-A22	P0.31	↑	LT BLU/YEL	↑	J2-39
80	P1-B21	P0.21	28 T/P	GRN	40	J2-6
81	P1-B22	P0.29	↑	GRN/BLK	↑	J2-40
82	P1-C21	D GND	28 T/P	BLU	41	J2-7
83	P1-C22	P0.20	↑	BLU/WHT	↑	J2-41
84	P1-D21	+5 V	28 T/P	WHT	42	J2-8
85	P1-D22	P0.19	↑	WHT/BLK	↑	J2-42
86	P1-A23	D GND	28 T/P	PNK	43	J2-9
87	P1-A24	P0.18	↑	PNK/BLK	↑	J2-43
88	P1-B23	P0.17	28 T/P	VIO	44	J2-10
89	P1-B24	D GND	↑	VIO/WHT	↑	J2-44
90	P1-C23	P0.16	28 T/P	GRY	45	J2-11
91	P1-C24	P0.26	↑	GRY/BLK	↑	J2-45
92	P1-D23	D GND	28 T/P	ORG	46	J2-12
93	P1-D24	P0.27	↑	ORG/BLK	↑	J2-46
94	P1-A25	D GND	28 T/P	PNK/WHT	47	J2-13
95	P1-A26	P0.11	↑	PNK/YEL	↑	J2-47
96	P1-B25	+5 V	28 T/P	GRY/GRN	48	J2-14
97	P1-B26	P0.15	↑	GRY/YEL	↑	J2-48
98	P1-C25	D GND	28 T/P	WHT/YEL	49	J2-15
99	P1-C26	P0.10	↑	WHT/GRN	↑	J2-49
100	P1-D25	P0.14	28 T/P	LT GRN/RD	50	J2-16
101	P1-D26	D GND	↑	GRN/BLU	↑	J2-50
102	P1-A27	P0.9	28 T/P	LT BLU/BLU	51	J2-17
103	P1-A28	P0.13	↑	LT BLU/RED	↑	J2-51

Run #	From Location (Conn - Pin)	From Signal Desc	Wire AWG	Wire Color	T/P #	To Location (Conn-Pin)
104	P1-B27	D GND	28 T/P	PNK/RED	52	J2-18
105	P1-B28	P0.8	↑	PNK/BLU	↑	J2-52
106	P1-C27	P0.12	28 T/P	GRY/RED	53	J2-19
107	P1-C28	D GND	↑	GRY/BLU	↑	J2-53
108	P1-D27	APFI 1	28 T/P	GRN/WHT	54	J2-20
109	P1-D28	AO GND	↑	LT GRN/BLU	↑	J2-54
110	P1-A29	AO 3	28 T/P	YEL/RED	55	J2-21
111	P1-A30	AO GND	↑	YEL/BLU	↑	J2-55
112	P1-B29	AO 2	28 T/P	RED/WHT	56	J2-22
113	P1-B30	AI GND	↑	RED/BLU	↑	J2-56
114	P1-C29	AI 31 (AI 23-)	28 T/P	WHT/RED	57	J2-23
115	P1-C30	AI 23 (AI 23+)	↑	WHT/BLU	↑	J2-57
116	P1-D29	AI GND	28 T/P	LT GRN	58	J2-24
117	P1-D30	AI 30 (AI 22-)	↑	LT GRN/BLK	↑	J2-58
118	P1-A31	AI 22 (AI 22+)	28 T/P	LT GRN/YEL	59	J2-25
119	P1-A32	AI GND	↑	LT GRN/GRN	↑	J2-59
120	P1-B31	AI 29 (AI 21-)	28 T/P	ORG/WHT	60	J2-26
121	P1-B32	AI 21 (AI 21+)	↑	GRY/WHT	↑	J2-60
122	P1-C31	AI GND	28 T/P	ORG/GRN	61	J2-27
123	P1-C32	AI 28 (AI 20-)	↑	ORG/RED	↑	J2-61
124	P1-D31	AI 20 (AI 20+)	28 T/P	VIO/GRN	62	J2-28
125	P1-D32	AI SENSE 2	↑	VIO/BLU	↑	J2-62
126	P1-A33	AI GND	28 T/P	VIO/RED	63	J2-29
127	P1-A34	AI 27 (AI 19-)	↑	BLU/RED	↑	J2-63
128	P1-B33	AI 19 (AI 19+)	28 T/P	LT YEL/BLK	64	J2-30
129	P1-B34	AI GND	↑	YEL/WHT	↑	J2-64
130	P1-C33	AI 26 (AI 18-)	28 T/P	LT YEL/GRN	65	J2-31
131	P1-C34	AI 18 (AI 18+)	↑	LT YEL/BLU	↑	J2-65
132	P1-D33	AI GND	28 T/P	LT YEL	66	J2-32
133	P1-D34	AI 25 (AI 17-)	↑	LT YEL/RED	↑	J2-66
134	P1-A35	AI 17 (AI 17+)	28 T/P	LT BRN	67	J2-33
135	P1-A36	AI GND	↑	LT BRN/RED	↑	J2-67
136	P1-B35	AI 24 (AI 16-)	28 T/P	BLK	68	J2-34
137	P1-B36	AI 16 (AI 16+)	↑	BLK/WHT	↑	J2-68
138	P1-C35	SHLD	24	BLK	-	J2-SHLD

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DWG.NO.		540072040X40		REV	A
SIZE	SCALE	CAGE CODE	SHEET		
B	NONE	18117	3 OF 3		

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