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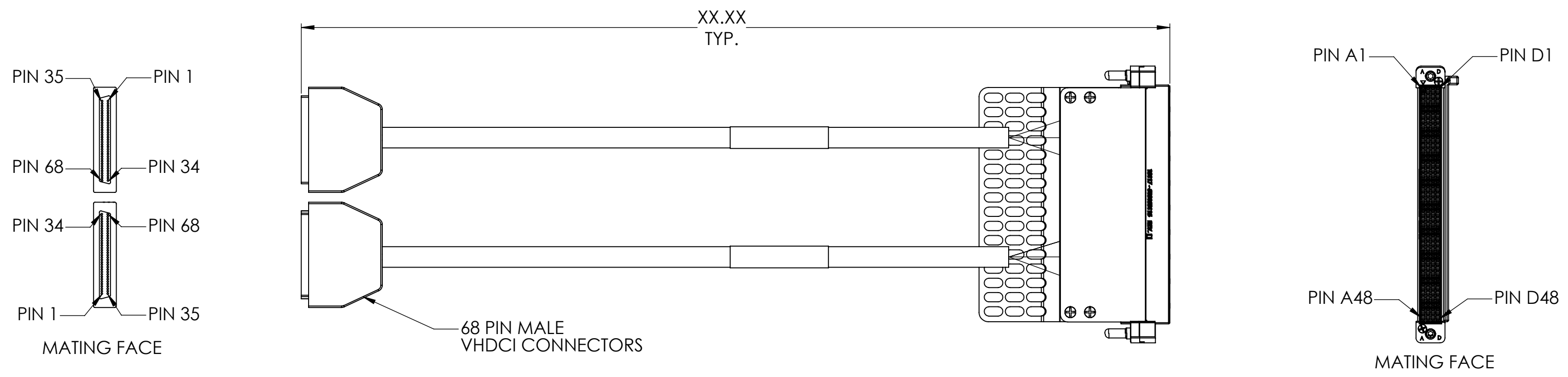
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DO NOT SCALE DRAWING

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REVISIONS			
REV	DESCRIPTION	DATE	ENGR
K	CONSOLIDATED DRAWING - ECN #13895	12/12/23	M ECKERT



CABLE J1									
68 Pin Connector J1	VPC Position	COLOR	AWG	PAIR NO.	68 Pin Connector J1	VPC Position	COLOR	AWG	PAIR NO.
65	A1	WHITE/BLACK	30	1	49	B1	BLACK/YELLOW	30	16
31	A2	BLACK/WHITE	30		15	B2	YELLOW/BLACK	30	
64	A3	SHIELD 1	30		48	B3	GRAY/RED	30	
63	A4	WHITE/BROWN	30	2	15	B4	RED/GRAY	30	17
30	A5	BROWN/WHITE	30		47	B5	YELLOW/ORANGE	30	
29	A6	SHIELD 2	30	3	13	B6	ORANGE/YELLOW	30	18
57	A7	WHITE/RED	30		46	B7	BLACK/ORANGE	30	
23	A8	RED/WHITE	30		13	B8	ORANGE/BLACK	30	
56	A9	SHIELD 3	30	4	45	B9	BROWN/GRAY	30	20
68	A10	WHITE/ORANGE	30		12	B10	GRAY/BROWN	30	
34	A11	ORANGE/WHITE	30	5	44	B11	RED/ORANGE	30	21
67	A12	SHIELD 4	30		11	B12	ORANGE/RED	30	
66	A13	WHITE/GREEN	30	6	44	B13	PINK/BLACK	30	22
33	A14	GREEN/WHITE	30		10	B14	BLACK/PINK	30	
32	A15	SHIELD 5	30	7	43	B15	BROWN/VIOLET	30	23
58	A16	WHITE/BLUE	30		9	B16	VIOLET/BROWN	30	
25	A17	BLUE/WHITE	30	8	42	B17	BROWN/BLUE	30	24
24	A18	SHIELD 6	30		9	B18	BLUE/BROWN	30	
60	A19	WHITE/VIOLET	30	9	41	B19	RED/YELLOW	30	25
26	A20	VIOLET/WHITE	30		7	B20	YELLOW/RED	30	
59	A21	SHIELD 7	30	10	40	B21	YELLOW/GREEN	30	26
61	A22	WHITE/GRAY	30		7	B22	GREEN/YELLOW	30	
28	A23	GRAY/WHITE	30	11	35	B23	BROWN/GREEN	30	27
27	A24	SHIELD 8	30		6	B24	GREEN/BROWN	30	
22	A25	BROWN/BLACK	30	12	39	B25	BROWN/YELLOW	30	28
54	A26	BLACK/BROWN	30		7	B26	YELLOW/BROWN	30	
21	A27	RED/BLACK	30	13	4	B27	ORANGE/GREEN	30	29
55	A28	BLACK/RED	30		5	B28	GREEN/ORANGE	30	
62	A29	WHITE/YELLOW	30	14	38	B29	BROWN/ORANGE	30	30
20	A30	RED/BLUE	30		4	B30	ORANGE/BROWN	30	
53	A31	BLACK/VIOLET	30	15	37	B31	YELLOW/BLUE	30	31
19	A32	VIOLET/BLACK	30		4	B32	BLUE/YELLOW	30	
52	A33	BLACK/BLUE	30	16	36	B33	ORANGE/BLUE	30	32
18	A34	BLUE/BLACK	30		3	B34	BLUE/ORANGE	30	
51	A35	BLUE/GREEN	30	17	36	B35	BROWN/RED	30	33
18	A36	GREEN/BLUE	30		2	B36	RED/BROWN	30	
50	A37	BLACK/GREEN	30	18	35	B37	BLACK/GRAY	30	34
17	A38	GREEN/BLACK	30		1	B38	GRAY/BLACK	30	
50	A39	VIOLET/ORANGE	30	19	8	B39	ORANGE/GRAY	26	26
16	A40	ORANGE/VIOLET	30		14	B40	VIOLET/RED	26	
					OUTER SHIELD	B41	WHITE	26	

CABLE J2									
68 Pin Connector J2	VPC Position	COLOR	AWG	PAIR NO.	68 Pin Connector J2	VPC Position	COLOR	AWG	PAIR NO.
65	C1	WHITE/BLACK	30	1	49	D1	BLACK/YELLOW	30	16
31	C2	BLACK/WHITE	30		15	D2	YELLOW/BLACK	30	
64	C3	SHIELD 1	30		48	D3	GRAY/RED	30	
63	C4	WHITE/BROWN	30	2	15	D4	RED/GRAY	30	17
30	C5	BROWN/WHITE	30		47	D5	YELLOW/ORANGE	30	
29	C6	SHIELD 2	30	3	13	D6	ORANGE/YELLOW	30	18
57	C7	WHITE/RED	30		46	D7	BLACK/ORANGE	30	
23	C8	RED/WHITE	30		13	D8	ORANGE/BLACK	30	
56	C9	SHIELD 3	30	4	45	D9	BROWN/GRAY	30	20
68	C10	WHITE/ORANGE	30		12	D10	GRAY/BROWN	30	
34	C11	ORANGE/WHITE	30	5	44	D11	RED/ORANGE	30	21
67	C12	SHIELD 4	30		11	D12	ORANGE/RED	30	
66	C13	WHITE/GREEN	30	6	44	D13	PINK/BLACK	30	22
33	C14	GREEN/WHITE	30		10	D14	BLACK/PINK	30	
32	C15	SHIELD 5	30	7	43	D15	BROWN/VIOLET	30	23
58	C16	WHITE/BLUE	30		9	D16	VIOLET/BROWN	30	
25	C17	BLUE/WHITE	30	8	42	D17	BROWN/BLUE	30	24
24	C18	SHIELD 6	30		9	D18	BLUE/BROWN	30	
60	C19	WHITE/VIOLET	30	9	41	D19	RED/YELLOW	30	25
26	C20	VIOLET/WHITE	30		7	D20	YELLOW/RED	30	
59	C21	SHIELD 7	30	10	40	D21	YELLOW/GREEN	30	26
61	C22	WHITE/GRAY	30		7	D22	GREEN/YELLOW	30	
28	C23	GRAY/WHITE	30	11	35	D23	BROWN/GREEN	30	27
27	C24	SHIELD 8	30		6	D24	GREEN/BROWN	30	
22	C25	BROWN/BLACK	30	12	39	D25	BROWN/YELLOW	30	28
54	C26	BLACK/BROWN	30		7	D26	YELLOW/BROWN	30	
21	C27	RED/BLACK	30	13	4	D27	ORANGE/GREEN	30	29
55	C28	BLACK/RED	30		5	D28	GREEN/ORANGE	30	
62	C29	WHITE/YELLOW	30	14	38	D29	BROWN/ORANGE	30	30
20	C30	RED/BLUE	30		4	D30	ORANGE/BROWN	30	
53	C31	BLACK/VIOLET	30	15	37	D31	YELLOW/BLUE	30	31
19	C32	VIOLET/BLACK	30		4	D32	BLUE/YELLOW	30	
52	C33	BLACK/BLUE	30	16	36	D33	ORANGE/BLUE	30	32
18	C34	BLUE/BLACK	30		3	D34	BLUE/ORANGE	30	
51	C35	BLUE/GREEN	30	17	36	D35	BROWN/RED	30	33
18	C36	GREEN/BLUE	30		2	D36	RED/BROWN	30	
50	C37	BLACK/GREEN	30	18	35	D37	BLACK/GRAY	30	34
17	C38	GREEN/BLACK	30		1	D38	GRAY/BLACK	30	
50	C39	VIOLET/ORANGE	30	19	8	D39	ORANGE/GRAY	26	26
16	C40	ORANGE/VIOLET	30		14	D40	VIOLET/RED	26	
					OUTER SHIELD	D41	WHITE	26	

	P/N	QTY
MATING ITA MODULE(S)	510151105	1
MATING ITA PATCHCORD(S)	7-121924000-XXX	162

1. FOR APPLICATION USE & CARE INFORMATION CONSULT VPC USERS GUIDE @WWW.VPC.COM
NOTES:

VPC P/N 540031020X40 WHERE X =	LENGTH XX.XX"	CUSTOMER DRAWING	
1	20.00" [508]	VIRGINIA PANEL CORPORATION WWW.VPC.COM	
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		CBA PXI 2-68 ML VHDCI	
DIMENSIONS ARE SHOWN AS:			
[MILLIMETERS]	INCHES	SIZE C	CAGE CODE 18117
		DWG. NO. 540031020X40	REV K
		SCALE: NONE	540031020X40 12/12/23 SHEET 1 OF 1

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