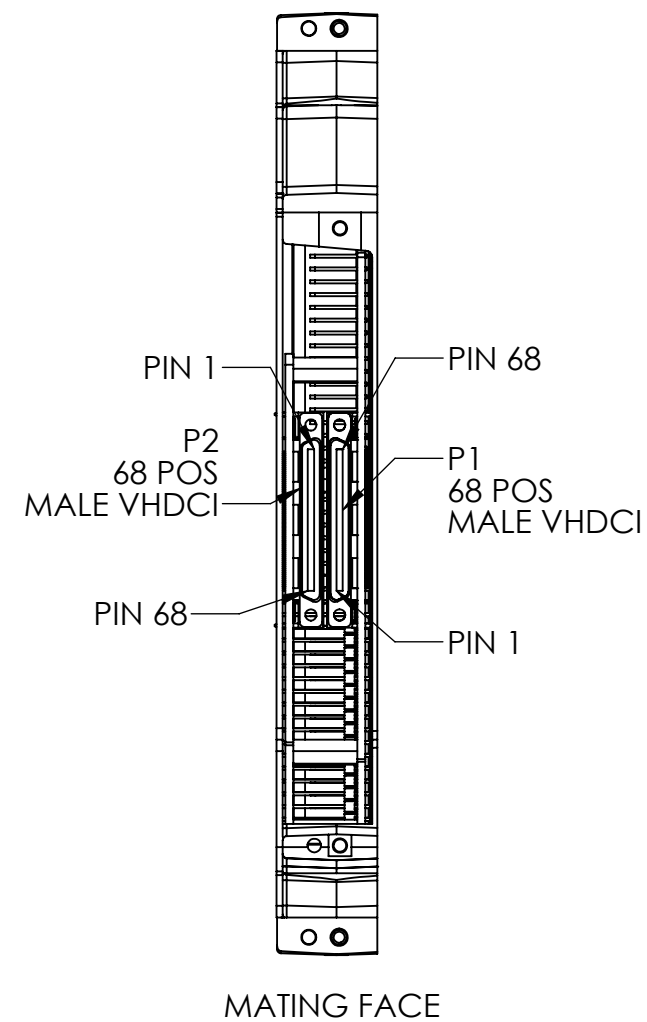
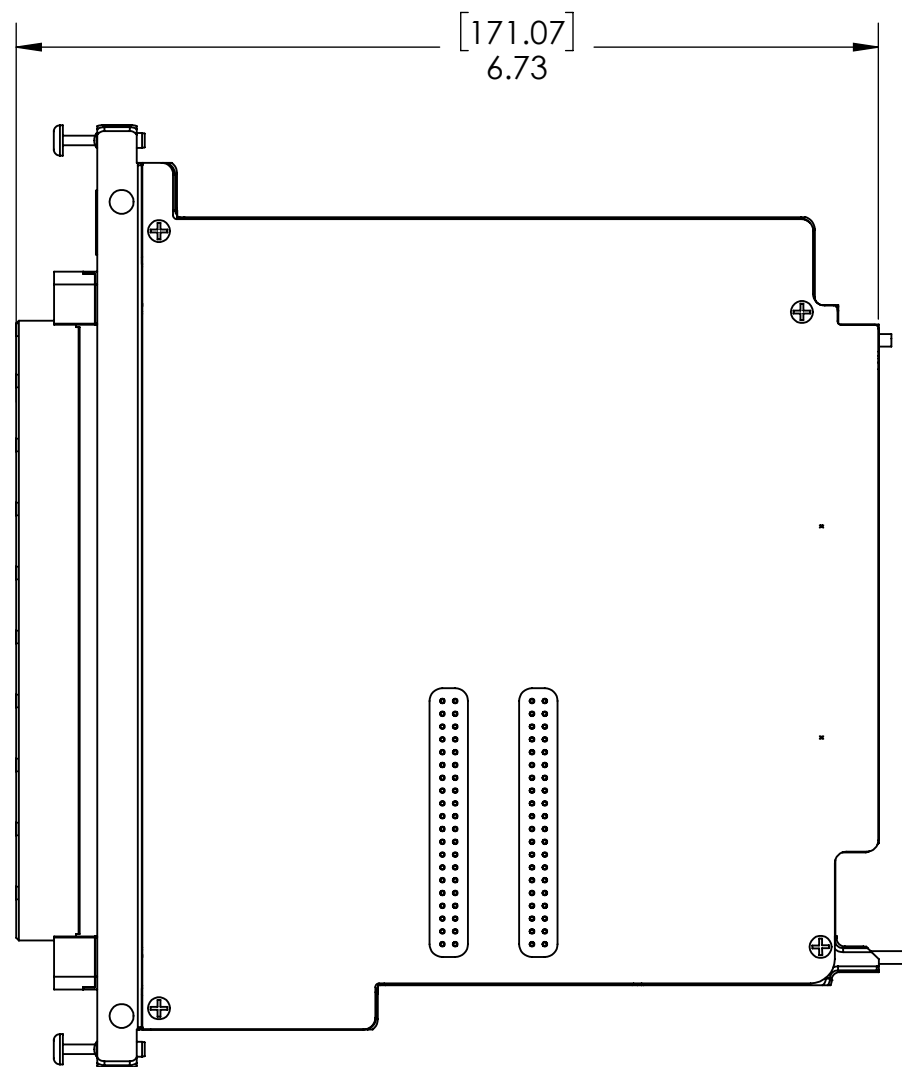
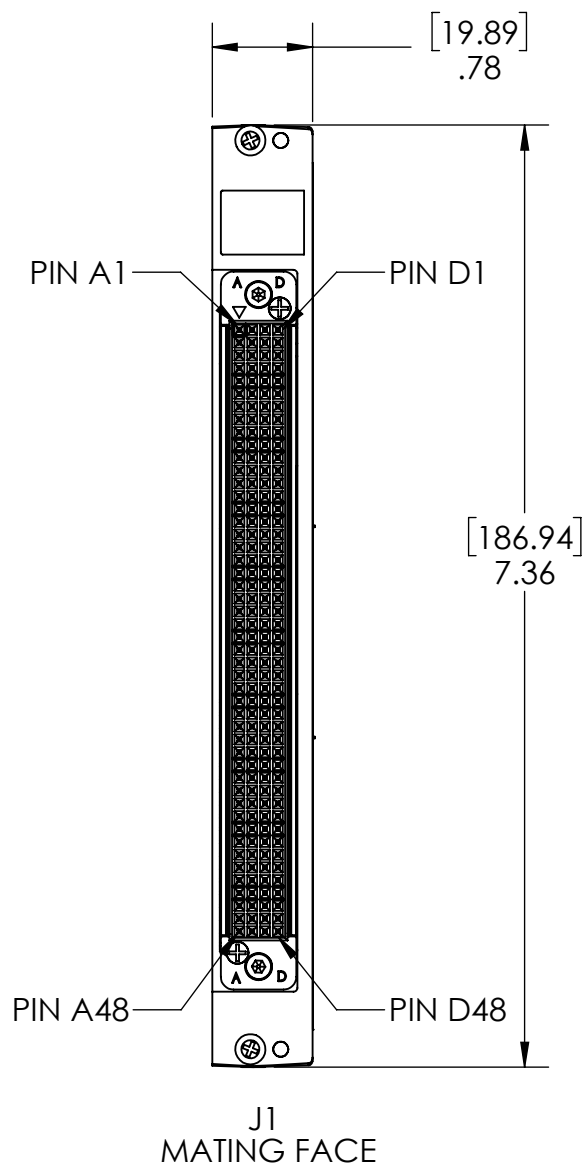


DO NOT SCALE DRAWING

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REV	DESCRIPTION	DATE	ENGINEER
C	ECN #12638	6/17/22	R HERRON



3. SEE SHEET 2 FOR TRACE LIST.

2. MATING ITA MODULE: 510151105 (1)
 MATING ITA PATCHCORDS: 7-121424000-036 (72)

NOTES:

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT
 DIMENSIONS ARE SHOWN AS:
 [MILLIMETERS]
 INCHES

CUSTOMER DRAWING			
VPC			
PTA NI PXle-6363			
DWG.NO.		REV	
510140158		C	
SIZE	SCALE	CAGE CODE	SHEET
B	NONE	18117	1 OF 2

RUN	FROM	TO	SIGNAL	RUN	FROM	TO	SIGNAL	RUN	FROM	TO	SIGNAL	RUN	FROM	TO	SIGNAL
1	J1-A1	P1-33	AI_1+	19	J1-B1	P1-67	AI_GND	37	J1-C1	P1-34	AI 0-	55	J1-D1	P1-68	AI 0+
2	J1-A2	P1-31	AI 2-	20	J1-B2	P1-65	AI 2+	38	J1-C2	P1-32	AI_GND	56	J1-D2	P1-66	AI 1-
3	J1-A3	P1-29	AI_GND	21	J1-B3	P1-63	AI 3-	39	J1-C3	P1-30	AI 3+	57	J1-D3	P1-64	AI_GND
4	J1-A4	P1-27	AI_GND	22	J1-B4	P1-61	AI 4-	40	J1-C4	P1-28	AI 4+	58	J1-D4	P1-62	AI_SENSE
5	J1-A5	P1-25	AI 6+	23	J1-B5	P1-59	AI_GND	41	J1-C5	P1-26	AI 5-	59	J1-D5	P1-60	AI 5+
6	J1-A6	P1-23	AI 7-	24	J1-B6	P1-57	AI 7+	42	J1-C6	P1-24	AI_GND	60	J1-D6	P1-58	AI 6-
7	J1-A7	P1-21	AO_1	25	J1-B7	P1-55	AO GND	43	J1-C7	P1-22	AO_0	61	J1-D7	P1-56	AI_GND
8	J1-A8	P1-19	P0.4	26	J1-B8	P1-53	D_GND	44	J1-C8	P1-20	APFI_0	62	J1-D8	P1-54	AO GND
9	J1-A9	P1-17	P0.1	27	J1-B9	P1-51	P0.5	45	J1-C9	P1-18	D_GND	63	J1-D9	P1-52	P0.0
10	J1-A10	P1-15	D_GND	28	J1-B10	P1-49	P0.2	46	J1-C10	P1-16	P0.6	64	J1-D10	P1-50	D_GND
11	J1-A11	P1-13	D_GND	29	J1-B11	P1-47	P0.3	47	J1-C11	P1-14	+5V 2	65	J1-D11	P1-48	P0.7
12	J1-A12	P1-11	PFI0/P1.	30	J1-B12	P1-45	PFI 10/P2	48	J1-C12	P1-12	D_GND	66	J1-D12	P1-46	PFI 11/P2
13	J1-A13	P1-9	D_GND	31	J1-B13	P1-43	PFI 2/P1.	49	J1-C13	P1-10	PFI 1/P1.	67	J1-D13	P1-44	D_GND
14	J1-A14	P1-7	D_GND	32	J1-B14	P1-41	PFI 4/P1.	50	J1-C14	P1-8	+5V 1	68	J1-D14	P1-42	PFI 3/P1.
15	J1-A15	P1-5	PFI6/P1.	33	J1-B15	P1-39	PFI 15/P2	51	J1-C15	P1-6	PFI 5/P1.	69	J1-D15	P1-40	PFI 13/P2
16	J1-A16	P1-3	PFI9/P2.	34	J1-B16	P1-37	PFI 8/P2.	52	J1-C16	P1-4	D_GND	70	J1-D16	P1-38	PFI 7/P1.
17	J1-A17	P1-1	PFI 14/P2	35	J1-B17	P1-35	D_GND	53	J1-C17	P1-2	PFI 12/P2	71	J1-D17	P1-36	D_GND
18	J1-A18	P1-SHIELD	P1 SHIELD	36	J1-B18	P1-SHIELD	P1 SHIELD	54	J1-C18	P1-SHIELD	P1 SHIELD	72	J1-D18	P1-SHIELD	P1 SHIELD
RUN	FROM	TO	SIGNAL	RUN	FROM	TO	SIGNAL	RUN	FROM	TO	SIGNAL	RUN	FROM	TO	SIGNAL
73	J1-A31	P2-SHIELD	P2 SHIELD	91	J1-B31	P2-SHIELD	P2 SHIELD	109	J1-C31	P2-SHIELD	P2 SHIELD	127	J1-D31	P2-SHIELD	P2 SHIELD
74	J1-A32	P2-1	P0.30	92	J1-B32	P2-35	D GND	110	J1-C32	P2-2	P0.28	128	J1-D32	P2-36	D_GND
75	J1-A33	P2-3	P0.25	93	J1-B33	P2-37	P0.24	111	J1-C33	P2-4	D_GND	129	J1-D33	P2-38	P0.23
76	J1-A34	P2-5	P0.22	94	J1-B34	P2-39	P0.31	112	J1-C34	P2-6	P0.21	130	J1-D34	P2-40	P0.29
77	J1-A35	P2-7	D_GND	95	J1-B35	P2-41	P0.20	113	J1-C35	P2-8	+V5	131	J1-D35	P2-42	P0.19
78	J1-A36	P2-9	D_GND	96	J1-B36	P2-43	P0.18	114	J1-C36	P2-10	P0.17	132	J1-D36	P2-44	D_GND
79	J1-A37	P2-11	P0.16	97	J1-B37	P2-45	P0.26	115	J1-C37	P2-12	D_GND	133	J1-D37	P2-46	P0.27
80	J1-A38	P2-13	D_GND	98	J1-B38	P2-47	P0.11	116	J1-C38	P2-14	+V5	134	J1-D38	P2-48	P0.15
81	J1-A39	P2-15	D_GND	99	J1-B39	P2-49	P0.10	117	J1-C39	P2-16	P0.14	135	J1-D39	P2-50	D_GND
82	J1-A40	P2-17	P0.9	100	J1-B40	P2-51	P0.13	118	J1-C40	P2-18	D_GND	136	J1-D40	P2-52	P0.8
83	J1-A41	P2-19	P0.12	101	J1-B41	P2-53	D_GND	119	J1-C41	P2-20	APFI_1	137	J1-D41	P2-54	AO_GND
84	J1-A42	P2-21	AO3	102	J1-B42	P2-55	AO_GND	120	J1-C42	P2-22	AO_2	138	J1-D42	P2-56	AI_GND
85	J1-A43	P2-23	AI_31 (AI_23-)	103	J1-B43	P2-57	AI_23 (AI_23+)	121	J1-C43	P2-24	AI_GND	139	J1-D43	P2-58	AI_30 (AI_22-)
86	J1-A44	P2-25	AI_22 (AI_22+)	104	J1-B44	P2-59	AI_GND	122	J1-C44	P2-26	AI_29 (AI_21-)	140	J1-D44	P2-60	AI_21 (AI_21+)
87	J1-A45	P2-27	AI GND	105	J1-B45	P2-61	AI_28 (AI_20-)	123	J1-C45	P2-28	AI_20 (AI_20+)	141	J1-D45	P2-62	AI_SENSE_2
88	J1-A46	P2-29	AI GND	106	J1-B46	P2-63	AI_27 (AI_19-)	124	J1-C46	P2-30	AI_19 (AI_19+)	142	J1-D46	P2-64	AI_GND
89	J1-A47	P2-31	AI_26 (AI_18-)	107	J1-B47	P2-65	AI_18 (AI_18+)	125	J1-C47	P2-32	AI_GND	143	J1-D47	P2-66	AI_25 (AI_17-)
90	J1-A48	P2-33	AI_17 (AI_17+)	108	J1-B48	P2-67	AI GND	126	J1-C48	P2-34	AI_24 (AI_16-)	144	J1-D48	P2-68	AI_16 (AI_16+)

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DWG.NO.		510140158		REV	C
SIZE	SCALE	CAGE CODE	SHEET		
B	NONE	18117	2 OF 2		

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