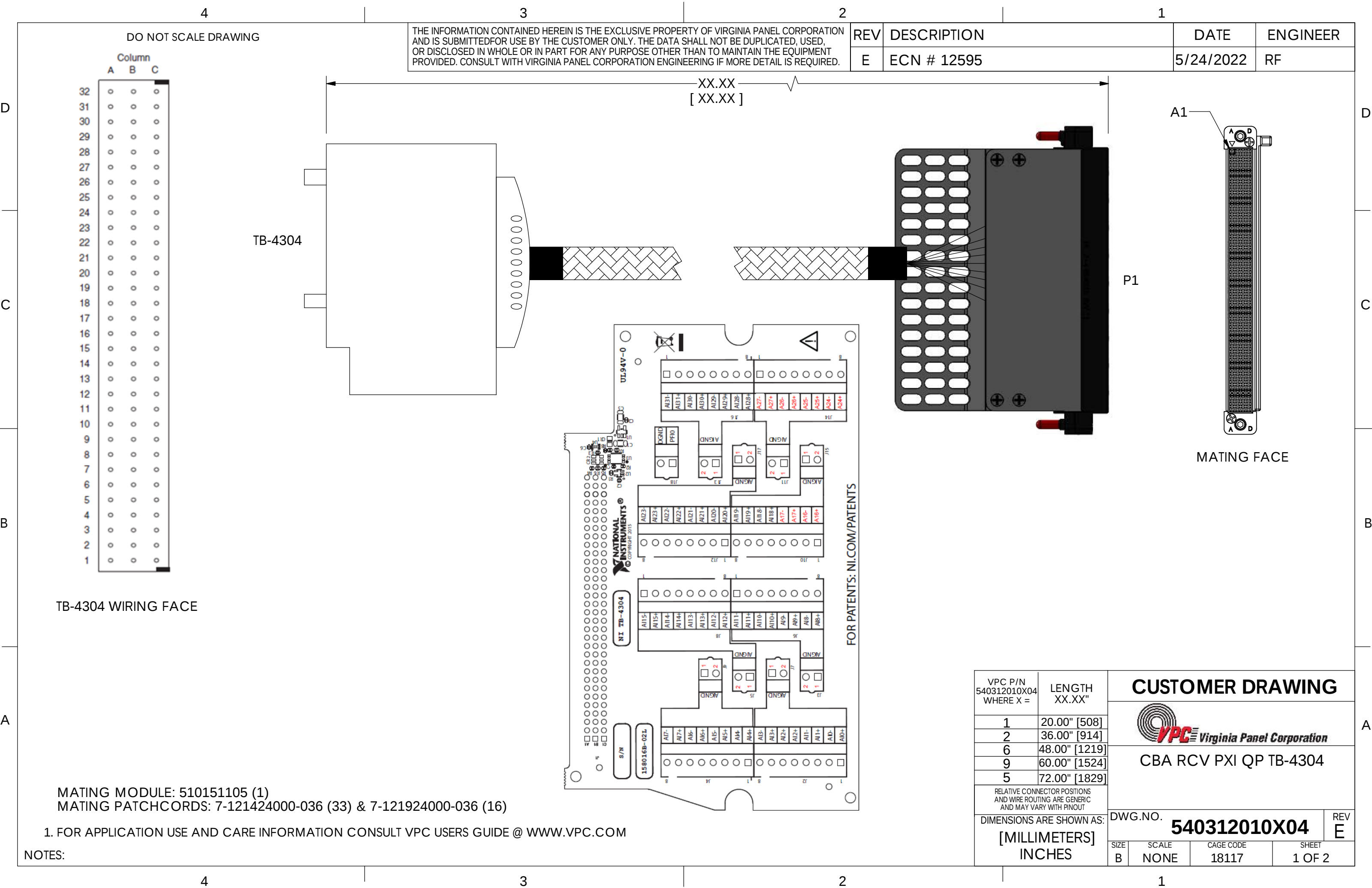




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REV	DESCRIPTION	DATE	ENGINEER
E	ECN # 12595	5/24/2022	RF

VPC P/N 540312010X04 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 RCV PXI QP TB-4304			
DWG.NO. 540312010X04			REV E
SIZE B	SCALE NONE	CAGE CODE 18117	SHEET 1 OF 2

MATING MODULE: 510151105 (1)
MATING PATCHCORDS: 7-121424000-036 (33) & 7-121924000-036 (16)

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

NOTES:

D

C

B

A

Run #	From Connector	From Pin	AWG	Color	To Connector	SCREW TERMINAL	CONNECTOR PIN
1	P1	A1	24 S T/P	WHT	TB-4304	AI0+	B32
2	P1	A2		WHT/BLU	TB-4304	AI0-	B31
3	P1	A3	24 S T/P	WHT	TB-4304	AI1+	C32
4	P1	A4		WHT/BLU	TB-4304	AI1-	C31
5	P1	A5	24 S T/P	WHT	TB-4304	AI2+	A31
6	P1	A6		WHT/BLU	TB-4304	AI2-	A30
7	P1	A7	24 S T/P	WHT	TB-4304	AI3+	C30
8	P1	A8		WHT/BLU	TB-4304	AI3-	B30
9	P1	A9	24 S T/P	WHT	TB-4304	AI4+	B29
10	P1	A10		WHT/BLU	TB-4304	AI4-	B28
11	P1	A11	24 S T/P	WHT	TB-4304	AI5+	C29
12	P1	A12		WHT/BLU	TB-4304	AI5-	C28
13	P1	A13	24 S T/P	WHT	TB-4304	AI6+	A28
14	P1	A14		WHT/BLU	TB-4304	AI6-	A27
15	P1	A15	24 S T/P	WHT	TB-4304	AI7+	C27
16	P1	A16		WHT/BLU	TB-4304	AI7-	B27
17	P1	A17	24 S T/P	WHT	TB-4304	AI8+	B26
18	P1	A18		WHT/BLU	TB-4304	AI8-	B25
19	P1	A19	24 S T/P	WHT	TB-4304	AI9+	C26
20	P1	A20		WHT/BLU	TB-4304	AI9-	C25
21	P1	A21	24 S T/P	WHT	TB-4304	AI10+	A25
22	P1	A22		WHT/BLU	TB-4304	AI10-	A24
23	P1	A23	24 S T/P	WHT	TB-4304	AI11+	C24
24	P1	A24		WHT/BLU	TB-4304	AI11-	B24
25	P1	A25	24 S T/P	WHT	TB-4304	AI12+	B23
26	P1	A26		WHT/BLU	TB-4304	AI12-	B22
27	P1	A27	24 S T/P	WHT	TB-4304	AI13+	C23
28	P1	A28		WHT/BLU	TB-4304	AI13-	C22
29	P1	A29	24 S T/P	WHT	TB-4304	AI14+	A22
30	P1	A30		WHT/BLU	TB-4304	AI14-	A21
31	P1	A31	24 S T/P	WHT	TB-4304	AI15+	C21
32	P1	A32		WHT/BLU	TB-4304	AI15-	B21
33	P1	A33	24 S T/P	WHT	TB-4304	AI16+	B20
34	P1	A34		WHT/BLU	TB-4304	AI16-	B19
35	P1	A35	24 S T/P	WHT	TB-4304	AI17+	C20
36	P1	A36		WHT/BLU	TB-4304	AI17-	C19
37	P1	A37	24 S T/P	WHT	TB-4304	AI18+	A19
38	P1	A38		WHT/BLU	TB-4304	AI18-	A18
39	P1	A39	24 S T/P	WHT	TB-4304	AI19+	C18
40	P1	A40		WHT/BLU	TB-4304	AI19-	B18
41	P1	A41	24 S T/P	WHT	TB-4304	AI20+	B17
42	P1	A42		WHT/BLU	TB-4304	AI20-	B16
43	P1	A43	24 S T/P	WHT	TB-4304	AI21+	C17
44	P1	A44		WHT/BLU	TB-4304	AI21-	C16
45	P1	A45	24 S T/P	WHT	TB-4304	AI22+	A16
46	P1	A46		WHT/BLU	TB-4304	AI22-	A15
47	P1	A47	24 S T/P	WHT	TB-4304	AI23+	C15
48	P1	A48		WHT/BLU	TB-4304	AI23-	B15

2

Run #	From Connector	From Pin	AWG	Color	To Connector	SCREW TERMINAL	CONNECTOR PIN
49	P1	B1	24 S T/P	WHT	TB-4304	AI24+	B14
50	P1	B2		WHT/BLU	TB-4304	AI24-	B13
51	P1	B3	24 S T/P	WHT	TB-4304	AI25+	C14
52	P1	B4		WHT/BLU	TB-4304	AI25-	C13
53	P1	B5	24 S T/P	WHT	TB-4304	AI26+	A13
54	P1	B6		WHT/BLU	TB-4304	AI26-	A12
55	P1	B7	24 S T/P	WHT	TB-4304	AI27+	C12
56	P1	B8		WHT/BLU	TB-4304	AI27-	B12
57	P1	B9	24 S T/P	WHT	TB-4304	AI28+	B11
58	P1	B10		WHT/BLU	TB-4304	AI28-	B10
59	P1	B11	24 S T/P	WHT	TB-4304	AI29+	C11
60	P1	B12		WHT/BLU	TB-4304	AI29-	C10
61	P1	B13	24 S T/P	WHT	TB-4304	AI30+	A10
62	P1	B14		WHT/BLU	TB-4304	AI30-	A9
63	P1	B15	24 S T/P	WHT	TB-4304	AI31+	C9
64	P1	B16		WHT/BLU	TB-4304	AI31-	B9
65	P1	B17	24 S T/P	WHT	TB-4304	DGND	B2
66	P1	B18		WHT/BLU	TB-4304	PFIO	A5
67	P1	B19	24 S	WHT	TB-4304	J3-1	SEE NOTE BELOW
68	P1	B20	24 S	WHT	TB-4304	J3-2	
69	P1	B21	24 S	WHT	TB-4304	J7-1	
70	P1	B22	24 S	WHT	TB-4304	J7-2	
71	P1	B23	24 S	WHT	TB-4304	J5-1	
72	P1	B24	24 S	WHT	TB-4304	J5-2	
73	P1	B25	24 S	WHT	TB-4304	J9-1	
74	P1	B26	24 S	WHT	TB-4304	J9-2	
75	P1	B27	24 S	WHT	TB-4304	J15-1	
76	P1	B28	24 S	WHT	TB-4304	J15-2	
77	P1	B29	24 S	WHT	TB-4304	J11-1	
78	P1	B30	24 S	WHT	TB-4304	J11-2	
79	P1	B31	24 S	WHT	TB-4304	J17-1	
80	P1	B32	24 S	WHT	TB-4304	J17-2	
81	P1	B33	24 S	WHT	TB-4304	J13-1	
82	P1	B34	24 S	WHT	TB-4304	J13-2	

All of the AIGND pins are tied together in the PXIe-4304/4305
On the TB-4304, each AIGND terminal is tied together.

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CUSTOMER DRAWING - CUSTOMER DRAWING - CUSTOMER DRAWING

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DWG.NO.		REV	
540312010X04		E	
SIZE	SCALE	CAGE CODE	SHEET
B	NONE	18117	2 OF 2

DO NOT SCALE DRAWING

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