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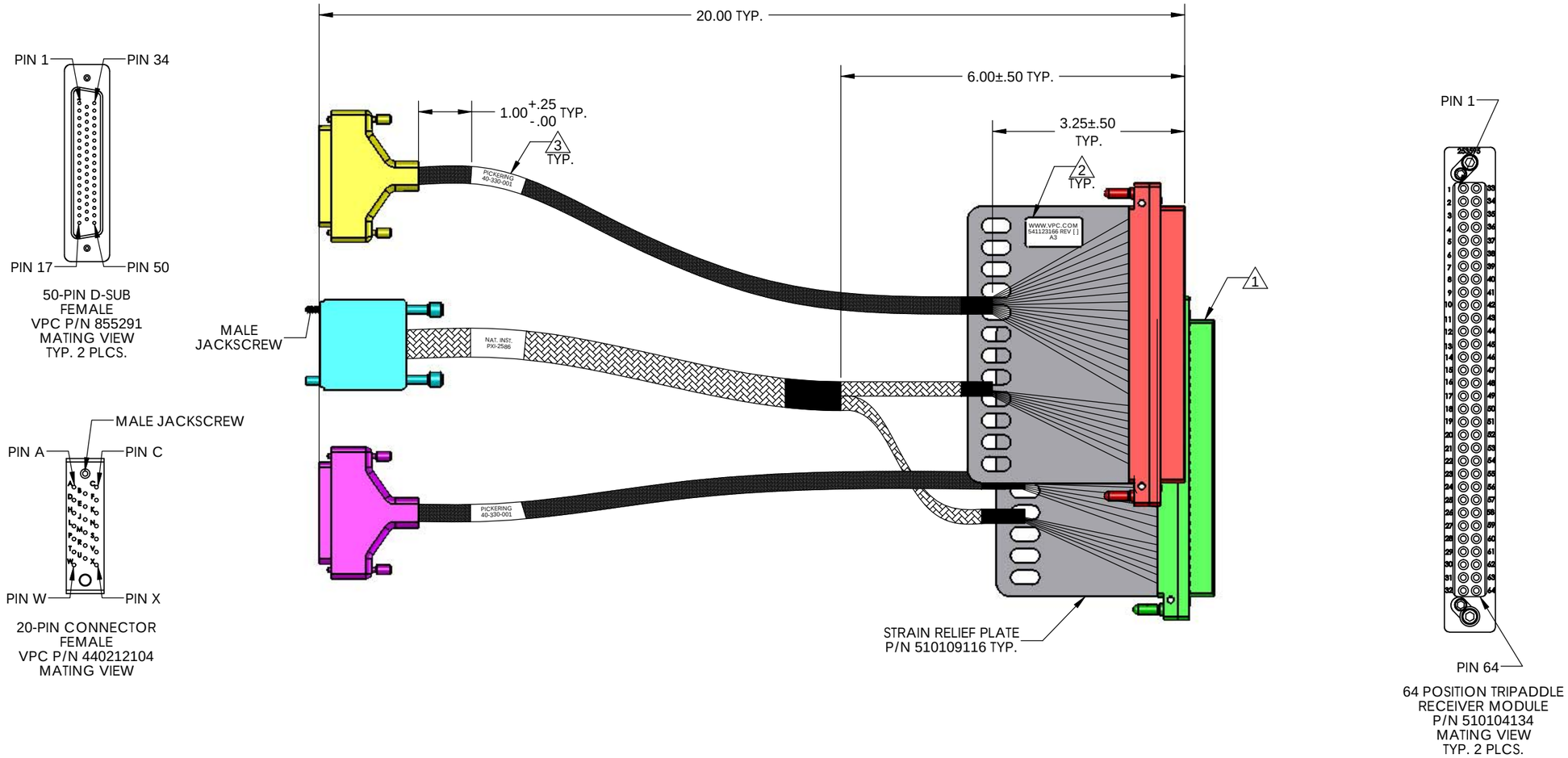
REVISIONS

REV	DESCRIPTION	DATE	ENGR
A	ORIGINAL RELEASE - ECN #09-541-0027	3/11/09	B LINGER
B	ECN #09-541-0038	5/4/09	BAL



3 MARK IN LOCATION SHOWN ACCORDING TO THE 'INSTRUMENT' COLUMN ON THE WIRE LIST.

2 MARK EACH MODULE STRAIN RELIEF PLATE IN APPROXIMATE LOCATION SHOWN WITH:
MARK WITH THE PROPER [Ax] NUMBER ACCORDING TO THE 'VPC PIN' COLUMN ON WIRE LIST.

WWW.VPC.COM
541123166 REV [ ]
[Ax]

1 A4 MODULE SHOWN FORWARD OF A3 MODULE FOR REFERENCE ONLY.
A4 MODULE SHOULD LINE UP WITH A3 MODULE AND ADHERED TO THE 20.00" OVERALL DIMENSION.

NOTES:

SOLIDWORKS DRAWING FILE

REMOVE BURRS. BREAK SHARP EDGES.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
TOLERANCES ARE:

TOLERANCES UNLESS SPECIFIED

NOMINAL LENGTH	TOLERANCE
0 - 11.99"	+1.00/-0.00
12.00 - 59.99"	+2.00/-0.00
60.00 - 119.99"	+4.00/-0.00
120.00 - 299.99"	+6.00/-0.00
300.00" - UP	+5%/-0.00

VIRGINIA PANEL CORPORATION

CBA RCV A3-A4
SPEC FOR WATERS CORP.

SIZE	CAGE CODE	DWG.NO.	REV
C	18117	**541123166**	B

SCALE:NONE 541123166 3/11/09 SHEET 1 OF 2

VPC PIN	INSTRUMENT	WIRE	CONNECTOR	SIGNAL	CONN PIN
A3 1	PICKERING 40-330-001	50-PIN D-SUB FEMALE 855291		A1	1
33				C1	2
2				A2	18
34				C2	19
3				A3	34
35				C3	35
4				A4	3
36				C4	4
5				A5	20
37				C5	21
6				A6	36
38				C6	37
7				A7	5
39				C7	6
8				A8	22
40				C8	23
9				A9	38
41				C9	39
10				A10	7
42				C10	8
11				A11	24
43				C11	25
12				A12	40
44				C12	41
13				A13	9
45				C13	10
14				A14	26
46				C14	27
15				A15	42
47				C15	43
16				A16	11
48				C16	12

VPC PIN	INSTRUMENT	WIRE	CONNECTOR	SIGNAL	CONN PIN
A3 17	PICKERING 40-330-001	50-PIN D-SUB FEMALE 855291		A17	28
49				C17	29
18				A18	44
50				C18	45
19				A19	13
51				C19	14
20				A20	30
52				C20	31
21				A21	46
53				C21	47
22				A22	15
54				C22	16
23				A23	32
55				C23	33
24				A24	48
56				C24	49
25				FP GND	50
26					
27					
57					
58					
59					
28	NAT. INST. PXI-2586	7-102914000-024	20-PIN CONNECTOR FEMALE 440212104	CH0	F
60		7-102914000-024		COM0	C
29		7-102914000-024		CH1	N
61		7-102914000-024		COM1	K
30		7-102914000-024		CH2	V
62		7-102914000-024		COM2	S
31		7-102914000-024		CH3	U
63		7-102914000-024		COM3	X
32		7-102914000-024		CH4	M
64		7-102914000-024		COM4	R

VPC PIN	INSTRUMENT	WIRE	CONNECTOR	SIGNAL	CONN PIN
A4 1	PICKERING 40-330-001	50-PIN D-SUB FEMALE 855291		A1	1
33				C1	2
2				A2	18
34				C2	19
3				A3	34
35				C3	35
4				A4	3
36				C4	4
5				A5	20
37				C5	21
6				A6	36
38				C6	37
7				A7	5
39				C7	6
8				A8	22
40				C8	23
9				A9	38
41				C9	39
10				A10	7
42				C10	8
11				A11	24
43				C11	25
12				A12	40
44				C12	41
13				A13	9
45				C13	10
14				A14	26
46				C14	27
15				A15	42
47				C15	43
16				A16	11
48				C16	12

VPC PIN	INSTRUMENT	WIRE	CONNECTOR	SIGNAL	CONN PIN
A4 17	PICKERING 40-330-001	50-PIN D-SUB FEMALE 855291		A17	28
49				C17	29
18				A18	44
50				C18	45
19				A19	13
51				C19	14
20				A20	30
52				C20	31
21				A21	46
53				C21	47
22				A22	15
54				C22	16
23				A23	32
55				C23	33
24				A24	48
56				C24	49
25				FP GND	50
26					
27					
57					
58					
59					
28	NAT. INST. PXI-2586	7-102914000-024	20-PIN CONNECTOR FEMALE 440212104	CH5	E
60		7-102914000-024		COM5	J
29		7-102914000-024		CH6	A
61		7-102914000-024		COM6	B
30		7-102914000-024		CH7	H
62		7-102914000-024		COM7	D
31		7-102914000-024		CH8	P
63		7-102914000-024		COM8	L
32		7-102914000-024		CH9	W
64		7-102914000-024		COM9	T

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C	18117	541123166	B

SCALE: NONE | 541123166 | 3/11/09 | SHEET 2 OF 2