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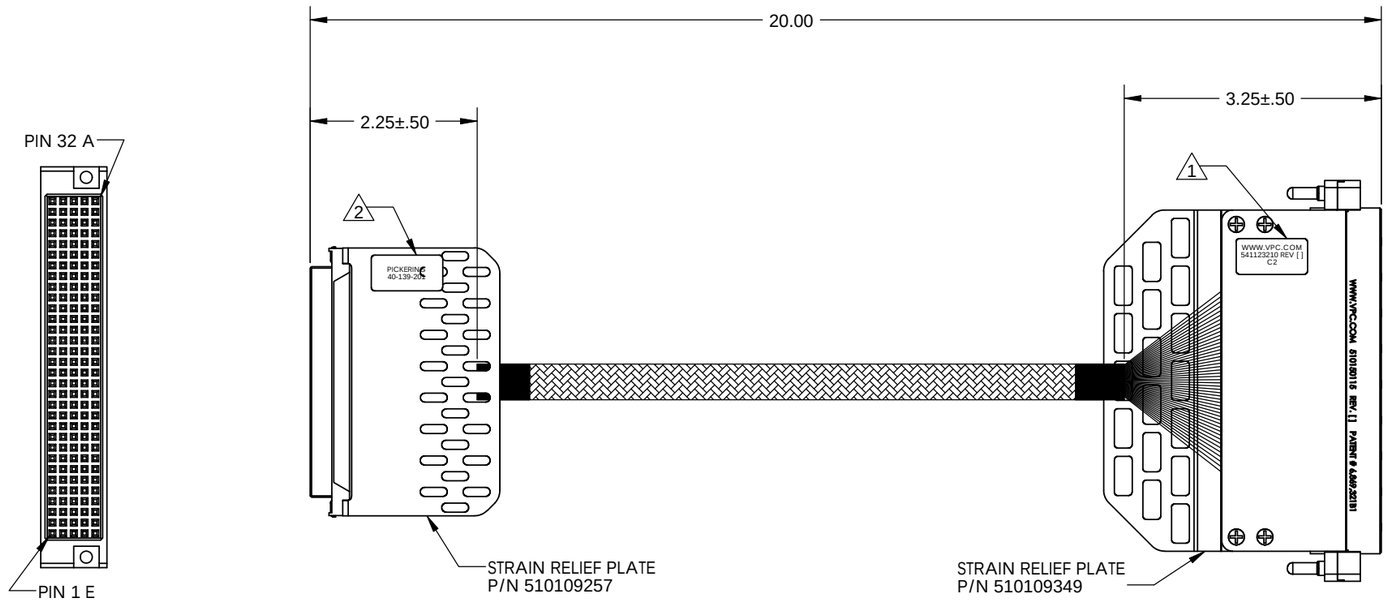
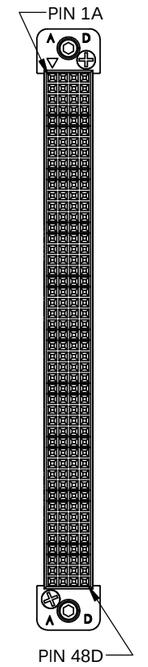
REVISIONS

REV	DESCRIPTION	DATE	ENGR
A	ORIGINAL RELEASE - ECN #09-541-0039	5/12/09	B LINGER



160 POSITION DIN CONNECTOR
MATING VIEW



192 POSITION
QUADRAPADDLE
RECEIVER MODULE
P/N 510150115
MATING VIEW

2 MARK ON FAR SIDE IN APPROXIMATE LOCATION SHOWN: PICKERING 40-139-201

1 MARK IN APPROXIMATE LOCATION SHOWN: WWW.VPC.COM 541123210 REV [ ] C2

NOTES:

SOLIDWORKS DRAWING FILE

TORQUE ALL SCREWS PER ES2 UNLESS OTHERWISE SPECIFIED.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

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 C2
SPEC FOR WATERS CORP.

SIZE	CAGE CODE	DWG.NO.	REV
C	18117	**541123210**	A

SCALE:NONE 541123210 5/6/09 SHEET 1 OF 2

VPC PIN	INSTRUMENT	CONNECTOR	WIRE	COLOR	SIGNAL	CONN PIN
32A	PICKERING 40-139-201	160 POSITION DIN	26 AWG	WHT	32NO	1A
31A			26 AWG	WHT	31NO	2A
30A			26 AWG	WHT	30NO	3A
29A			26 AWG	WHT	29NO	4A
28A			26 AWG	WHT	28NO	5A
27A			26 AWG	WHT	27NO	6A
26A			26 AWG	WHT	26NO	7A
25A			26 AWG	WHT	25NO	8A
24A			26 AWG	WHT	24NO	9A
23A			26 AWG	WHT	23NO	10A
22A			26 AWG	WHT	22NO	11A
21A			26 AWG	WHT	21NO	12A
20A			26 AWG	WHT	20NO	13A
19A			26 AWG	WHT	19NO	14A
18A			26 AWG	WHT	18NO	15A
17A			26 AWG	WHT	17NO	16A
16A			26 AWG	WHT	16NO	17A
15A			26 AWG	WHT	15NO	18A
14A			26 AWG	WHT	14NO	19A
13A			26 AWG	WHT	13NO	20A
12A			26 AWG	WHT	12NO	21A
11A			26 AWG	WHT	11NO	22A
10A			26 AWG	WHT	10NO	23A
9A			26 AWG	WHT	9NO	24A
8A			26 AWG	WHT	8NO	25A
7A			26 AWG	WHT	7NO	26A
6A			26 AWG	WHT	6NO	27A
5A			26 AWG	WHT	5NO	28A
4A			26 AWG	WHT	4NO	29A
3A			26 AWG	WHT	3NO	30A
2A			26 AWG	WHT	2NO	31A
1A			26 AWG	WHT	1NO	32A
32C			26 AWG	WHT	32COM	1B
31C			26 AWG	WHT	31COM	2B
30C			26 AWG	WHT	30COM	3B
29C			26 AWG	WHT	29COM	4B
28C			26 AWG	WHT	28COM	5B
27C			26 AWG	WHT	27COM	6B
26C			26 AWG	WHT	26COM	7B
25C			26 AWG	WHT	25COM	8B

VPC PIN	INSTRUMENT	CONNECTOR	WIRE	COLOR	SIGNAL	CONN PIN
24C	PICKERING 40-139-201	160 POSITION DIN	26 AWG	WHT	24COM	9B
23C			26 AWG	WHT	23COM	10B
22C			26 AWG	WHT	22COM	11B
21C			26 AWG	WHT	21COM	12B
20C			26 AWG	WHT	20COM	13B
19C			26 AWG	WHT	19COM	14B
18C			26 AWG	WHT	18COM	15B
17C			26 AWG	WHT	17COM	16B
16C			26 AWG	WHT	16COM	17B
15C			26 AWG	WHT	15COM	18B
14C			26 AWG	WHT	14COM	19B
13C			26 AWG	WHT	13COM	20B
12C			26 AWG	WHT	12COM	21B
11C			26 AWG	WHT	11COM	22B
10C			26 AWG	WHT	10COM	23B
9C			26 AWG	WHT	9COM	24B
8C			26 AWG	WHT	8COM	25B
7C			26 AWG	WHT	7COM	26B
6C			26 AWG	WHT	6COM	27B
5C			26 AWG	WHT	5COM	28B
4C			26 AWG	WHT	4COM	29B
3C			26 AWG	WHT	3COM	30B
2C			26 AWG	WHT	2COM	31B
1C			26 AWG	WHT	1COM	32B
32B			26 AWG	WHT	32NC	1C
31B			26 AWG	WHT	31NC	2C
30B			26 AWG	WHT	30NC	3C
29B			26 AWG	WHT	29NC	4C
28B			26 AWG	WHT	28NC	5C
27B			26 AWG	WHT	27NC	6C
26B			26 AWG	WHT	26NC	7C
25B			26 AWG	WHT	25NC	8C
24B			26 AWG	WHT	24NC	9C
23B			26 AWG	WHT	23NC	10C
22B			26 AWG	WHT	22NC	11C
21B			26 AWG	WHT	21NC	12C
20B			26 AWG	WHT	20NC	13C
19B			26 AWG	WHT	19NC	14C
18B			26 AWG	WHT	18NC	15C
17B			26 AWG	WHT	17NC	16C

VPC PIN	INSTRUMENT	CONNECTOR	WIRE	COLOR	SIGNAL	CONN PIN
16B	PICKERING 40-139-201	160 POSITION DIN	26 AWG	WHT	16NC	17C
15B			26 AWG	WHT	15NC	18C
14B			26 AWG	WHT	14NC	19C
13B			26 AWG	WHT	13NC	20C
12B			26 AWG	WHT	12NC	21C
11B			26 AWG	WHT	11NC	22C
10B			26 AWG	WHT	10NC	23C
9B			26 AWG	WHT	9NC	24C
8B			26 AWG	WHT	8NC	25C
7B			26 AWG	WHT	7NC	26C
6B			26 AWG	WHT	6NC	27C
5B			26 AWG	WHT	5NC	28C
4B			26 AWG	WHT	4NC	29C
3B			26 AWG	WHT	3NC	30C
2B			26 AWG	WHT	2NC	31C
1B			26 AWG	WHT	1NC	32C
13D			26 AWG	WHT	SGND	1D
14D			26 AWG	WHT	SGND	2D
5D			26 AWG	WHT	50NC	3D
6D			26 AWG	WHT	50COM	4D
4D			26 AWG	WHT	50NO	5D
2D			26 AWG	WHT	49NC	6D
3D			26 AWG	WHT	49COM	7D
1D			26 AWG	WHT	49NO	8D
46B			26 AWG	WHT	46NC	9D
46C			26 AWG	WHT	46COM	10D
46A			26 AWG	WHT	46NO	11D
45B			26 AWG	WHT	45NC	12D
45C			26 AWG	WHT	45COM	13D
45A			26 AWG	WHT	45NO	14D
42B			26 AWG	WHT	42NC	15D
42C			26 AWG	WHT	42COM	16D
42A			26 AWG	WHT	42NO	17D
41B			26 AWG	WHT	41NC	18D
41C			26 AWG	WHT	41COM	19D
41A			26 AWG	WHT	41NO	20D
38B			26 AWG	WHT	38NC	21D
38C			26 AWG	WHT	38COM	22D
38A			26 AWG	WHT	38NO	23D
37B			26 AWG	WHT	37NC	24D

VPC PIN	INSTRUMENT	CONNECTOR	WIRE	COLOR	SIGNAL	CONN PIN
37C	PICKERING 40-139-201	160 POSITION DIN	26 AWG	WHT	37COM	25D
37A			26 AWG	WHT	37NO	26D
34B			26 AWG	WHT	34NC	27D
34C			26 AWG	WHT	34COM	28D
34A			26 AWG	WHT	34NO	29D
33B			26 AWG	WHT	33NC	30D
33C			26 AWG	WHT	33COM	31D
33A			26 AWG	WHT	33NO	32D
15D			26 AWG	WHT	SGND	1E
16D			26 AWG	WHT	SGND	2E
11D			26 AWG	WHT	52NC	3E
12D			26 AWG	WHT	52COM	4E
10D			26 AWG	WHT	52NO	5E
8D			26 AWG	WHT	51NC	6E
9D			26 AWG	WHT	51COM	7E
7D			26 AWG	WHT	51NO	8E
48B			26 AWG	WHT	48NC	9E
48C			26 AWG	WHT	48COM	10E
48A			26 AWG	WHT	48NO	11E
47B			26 AWG	WHT	47NC	12E
47C			26 AWG	WHT	47COM	13E
47A			26 AWG	WHT	47NO	14E
44B			26 AWG	WHT	44NC	15E
44C			26 AWG	WHT	44COM	16E
44A			26 AWG	WHT	44NO	17E
43B			26 AWG	WHT	43NC	18E
43C			26 AWG	WHT	43COM	19E
43A			26 AWG	WHT	43NO	20E
40B			26 AWG	WHT	40NC	21E
40C			26 AWG	WHT	40COM	22E
40A			26 AWG	WHT	40NO	23E
39B			26 AWG	WHT	39NC	24E
39C			26 AWG	WHT	39COM	25E
39A			26 AWG	WHT	39NO	26E
36B			26 AWG	WHT	36NC	27E
36C			26 AWG	WHT	36COM	28E
36A			26 AWG	WHT	36NO	29E
35B			26 AWG	WHT	35NC	30E
35C			26 AWG	WHT	35COM	31E
35A			26 AWG	WHT	35NO	32E

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C	18117	541123210	A

SCALE: NONE | 541123210 | 5/6/09 | SHEET 2 OF 2