

4

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DO NOT SCALE DRAWING

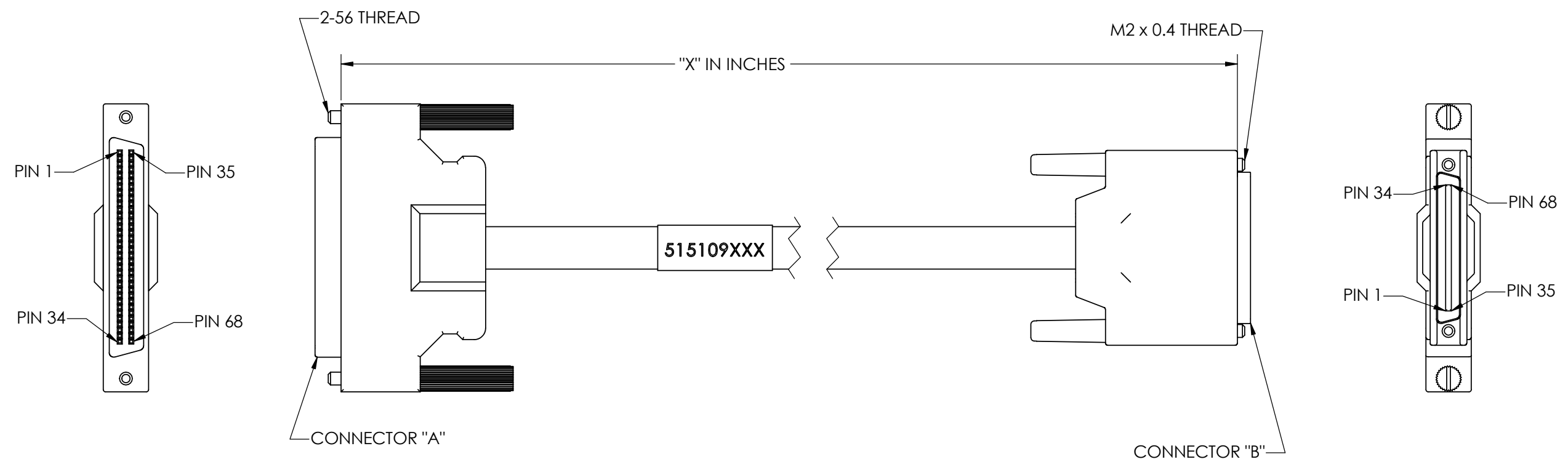
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REVISIONS

REV	DESCRIPTION	DATE	ENGR
F	ECN #14787	2/4/25	RF

D
C
B
A

D
C
B
A



3. BACKSHELLS MAY VARY
2. TECHNICAL DATA:
- WIRE:
- 68 CONDUCTOR - 34 TWISTED PAIR 30 AWG WITH OVERALL SHIELDING
 - NOMINAL S.E. IMP. (Ohms) = 90
 - NOMINAL DIFF. IMP. (Ohms) = 125
 - INSULATION = FOAM POLYOLEFIN
 - JACKET = BLACK PVC
- CONNECTOR A:
- CURRENT = 1 AMP @ 30 VAC
 - TEMP. = -55° to 105° C
 - TERMINATION RESISTANCE = 25 MILLIOHMS
 - INSULATION RESISTANCE = 1000 MEGAOHMS
 - DWV = 500 VAC
- CONNECTOR B:
- CURRENT = .5 AMP @ 30 VAC
 - TEMP. = -55° to 85° C
 - TERMINATION RESISTANCE = 10 MILLIOHMS
 - INSULATION RESISTANCE = 500 MEGAOHMS
 - DWV = 250 VAC
1. FOR APPLICATION USE AND CARE INFORMATION CONSULT VPC USERS MANUAL @ WWW.VPC.COM
- NOTES:

PART NUMBER	CONN. "A" TYPE	BACKSHELL STYLE	CONN. "B" TYPE	BACKSHELL STYLE	"X" LENGTH
515109113	68 PIN FML SCSI	MALE JACK SCREW	68 PIN ML VHDCI	MALE JACK SCREW	18.00
515109108	68 PIN FML SCSI	MALE JACK SCREW	68 PIN ML VHDCI	MALE JACK SCREW	24.00
515109114	68 PIN FML SCSI	MALE JACK SCREW	68 PIN ML VHDCI	MALE JACK SCREW	36.00
515109165	68 PIN FML SCSI	MALE JACK SCREW	68 PIN ML VHDCI	MALE JACK SCREW	60.00

CUSTOMER DRAWING

VIRGINIA PANEL CORPORATION
WWW.VPC.COM
QP PCB STD CABLE ASSEMBLY

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

SIZE	CAGE CODE	DWG. NO.	REV
C	18117	414715157	F
SCALE: NONE		SHEET 1 OF 2	

4

3

2

1

WIRE CHART

CONNECTOR

A	B	
1	1	TWISTED PAIR #1
2	2	
3	3	TWISTED PAIR #2
4	4	
5	5	TWISTED PAIR #3
6	6	
7	7	TWISTED PAIR #4
8	8	
9	9	TWISTED PAIR #5
10	10	
11	11	TWISTED PAIR #6
12	12	
13	13	TWISTED PAIR #7
14	14	
15	15	TWISTED PAIR #8
16	16	
17	17	TWISTED PAIR #9
18	18	
19	19	TWISTED PAIR #10
20	20	
21	21	TWISTED PAIR #11
22	22	
23	23	TWISTED PAIR #12
24	24	

CONNECTOR

A	B	
25	25	TWISTED PAIR #13
26	26	
27	27	TWISTED PAIR #14
28	28	
29	29	TWISTED PAIR #15
30	30	
31	31	TWISTED PAIR #16
32	32	
33	33	TWISTED PAIR #17
34	34	
35	35	TWISTED PAIR #18
36	36	
37	37	TWISTED PAIR #19
38	38	
39	39	TWISTED PAIR #20
40	40	
41	41	TWISTED PAIR #21
42	42	
43	43	TWISTED PAIR #22
44	44	
45	45	TWISTED PAIR #23
46	46	
47	47	TWISTED PAIR #24
48	48	

CONNECTOR

A	B	
49	49	TWISTED PAIR #25
50	50	
51	51	TWISTED PAIR #26
52	52	
53	53	TWISTED PAIR #27
54	54	
55	55	TWISTED PAIR #28
56	56	
57	57	TWISTED PAIR #29
58	58	
59	59	TWISTED PAIR #30
60	60	
61	61	TWISTED PAIR #31
62	62	
63	63	TWISTED PAIR #32
64	64	
65	65	TWISTED PAIR #33
66	66	
67	67	TWISTED PAIR #34
68	68	

COLOUR CODE:

1. black * black/ white loop 2. brown * brown/ white loop 3. red*red/white loop
4. orange*orange/white loop 5. yellow*yellow/white loop 6. green*green/white loop
7. blue*blue/white loop 8. purple*purple/white loop 9. gray*gray/brown loop
10. brown/black loop*black/yellow loop 11. red/black loop *red/yellow loop
12. orange/black loop* orange/yellow loop 13. yellow/black loop* brown /yellow loop
14. green/black loop*green/yellow loop 15. blue/black loop*blue/yellow loop
16. purple/black loop* purple/yellow loop 17. gray/black loop*gray/yellow loop
18. white/black loop*white/yellow loop 19. black/red loop*black/blue loop
20. brown/red loop*brown/blue loop 21. orange/red loop*red/blue loop
22. yellow/red loop yellow/blue loop 23. green/red loop*green/blue loop
24. blue/red loop* orange / blue loop 25. purple/red loop*purple/blue loop
26. gray/red loop*gray/blue loop 27. white/red loop*white/blue loop
28. black/brown loop*black/green loop 29. yellow/brown loop*brown/green loop
30. red/brown loop*red/green loop 31. orange/brown loop*orange/green loop
32. green/brown loop*yellow /green loop 33. blue/brown loop*blue/green loop
34. purple /brown loop*purple/green loop

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SIZE C	CAGE CODE 18117	DWG.NO. 414715157	REV F
SCALE: NONE		SHEET 2 OF 2	