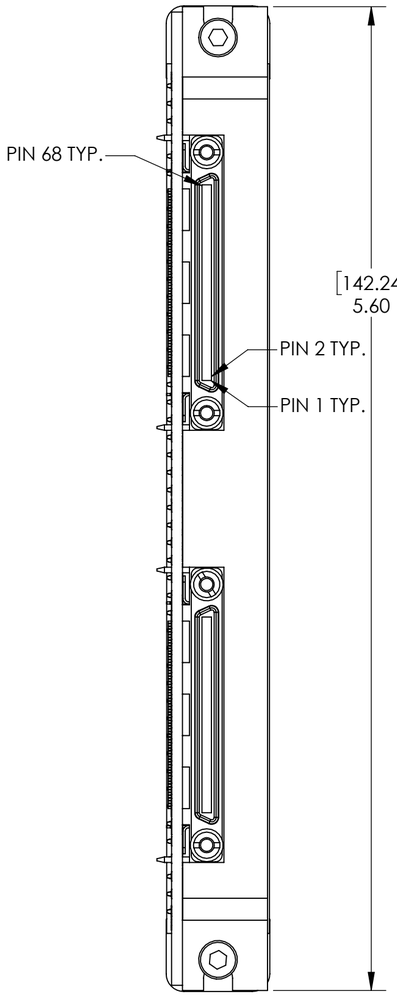
DO NOT SCALE DRAWING

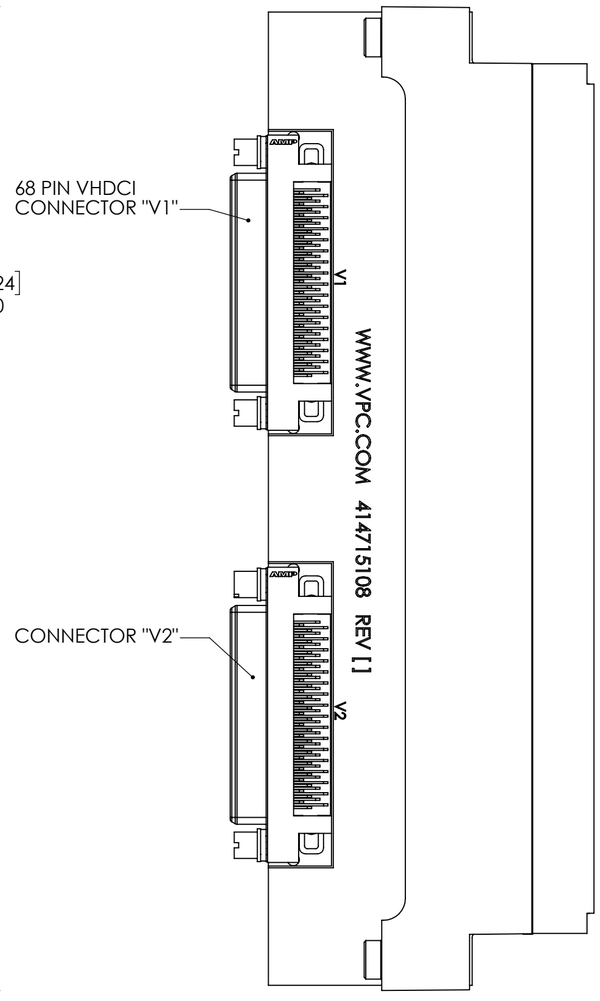
THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF VIRGINIA PANEL CORP. AND IS SUBMITTED FOR USE BY THE CUSTOMER ONLY. THE DATA SHALL NOT BE DUPLICATED, USED, OR DISCLOSED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO MAINTAIN THE EQUIPMENT PROVIDED. CONSULT WITH VIRGINIA PANEL CORPORATION ENGINEERING IF MORE DETAIL IS REQUIRED.

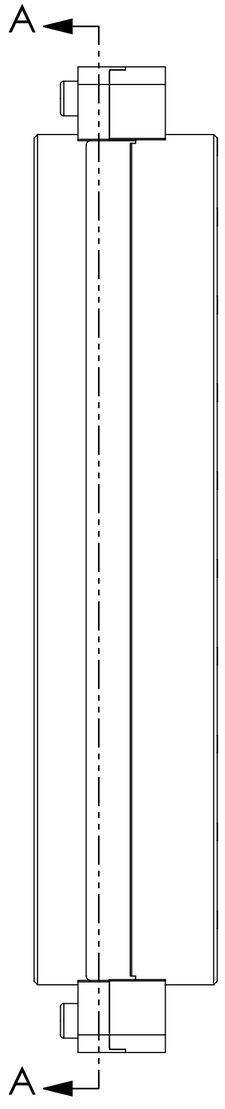
REVISIONS

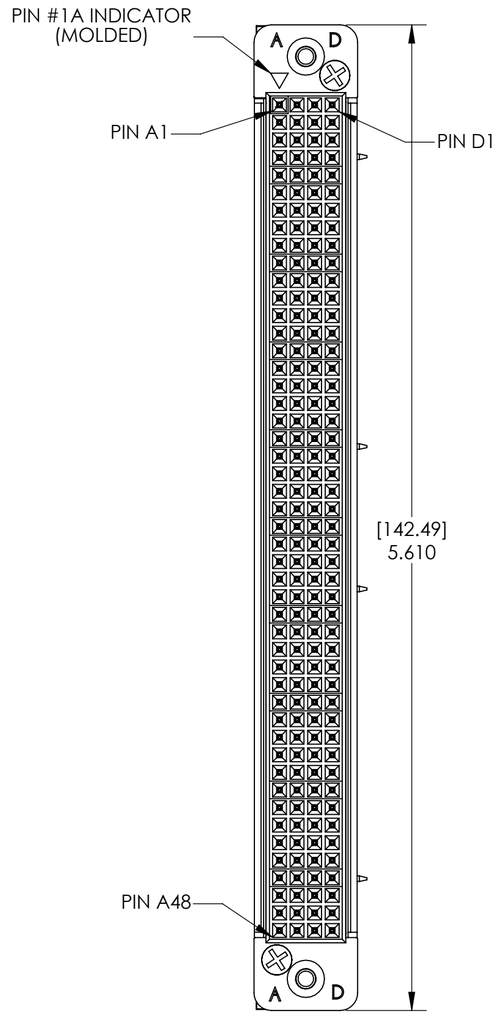
ZONE	REV	DESCRIPTION	DATE	APPROVED
	N	ECN #15139	3/30/2026	C. AMAYA



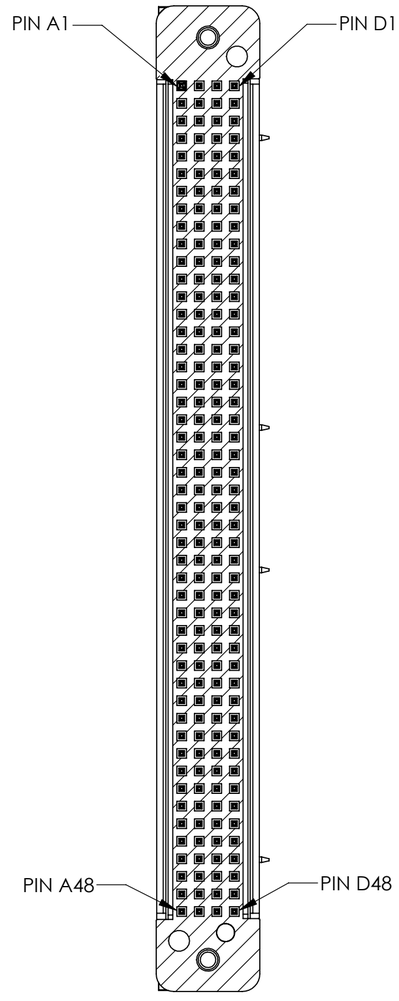
VIEW OF VHDCI
CONNECTOR
MATING SIDE





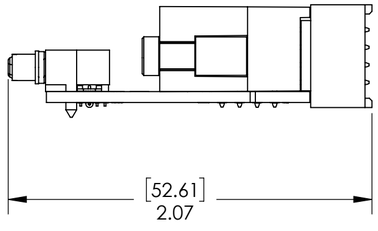


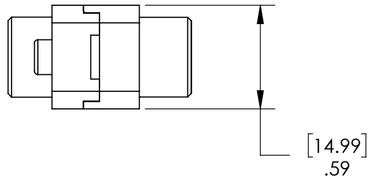
VIEW OF VPC RECEIVER MODULE
FRONT (ITA) MATING SIDE
P/N 510150130



SECTION A-A
SCALE 1.5 : 1

VIEW OF BOARD MOUNTED
RIGHT ANGLE HEADER
MATING SIDE





4.. WHEN LOADING PCBS SIDE-BY-SIDE SOLDER TAILS
COULD INTERFERE WITH ADJACENT PCBS

3 TECHNICAL DATA:
CONNECTOR:
CURRENT = .5 AMP @ 30 VAC
TEMP = -55° to 85° C
TERMINATION RESISTANCE = 10 MILLIOHMS
ISULATION RESISTANCE = 500 MEGAOHMS
DWV = 250 VAC
BOARD:
CURRENT = .5 AMP @ 30 VAC

△2 MATERIALS:
CONNECTOR:
SHELL = STEEL Ni PLATE OVER COPPER
INSULATOR = BLACK LCP
CONTACT = PHOS. BRONZE
CONTACT PLATING = MATING AREA - .00076 MIN GOLD
SOLDER POST - TIN LEAD. LEAD < 0.1% BY WEIGHT
OVER ENTIRE Ni UNDERPLATE
BOARD:
FR-4/21 w/ SOLDERMASK

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

NOTES:

CUSTOMER DRAWING - CUSTOMER DRAWING

SOLIDWORKS DRAWING FILE

DIMENSIONS ARE SHOWN AS: (millimeters) INCHES

REMOVE BURRS. BREAK SHARP EDGES

MATERIAL △2

FINISH

SIGNATURES		DATE
DR	R. HERRON	5/19/03
CHK		
ENG		
PROD		
ASSY		
Q A		
APPD		

VIRGINIA PANEL CORPORATION
WWW.VPC.COM

192 RCV MOD RT ANG PCB W/ 2-68 VHDCI ASM

SIZE	FSCM NO.	DWG.NO.	REV
C	18117	510150126	N

SCALE: NONE | 5/19/03 | 510150126 | SHEET 1 OF 2

DO NOT SCALE DRAWING

SIGNAL TRACES

A1-V1,68	B1-V1,67	C1-V1,34	D1-V1,33	A48-V2,36	B48-V2,35	C48-V2,2	D48-V2,1
A2-V1,66	B2-V1,65	C2-V1,32	D2-V1,31	A47-V2,38	B47-V2,37	C47-V2,4	D47-V2,3
A3-V1,64	B3-V1,63	C3-V1,30	D3-V1,29	A46-V2,40	B46-V2,39	C46-V2,6	D46-V2,5
A4-V1,62	B4-V1,61	C4-V1,28	D4-V1,27	A45-V2,42	B45-V2,41	C45-V2,8	D45-V2,7
A5-V1,60	B5-V1,59	C5-V1,26	D5-V1,25	A44-V2,44	B44-V2,43	C44-V2,10	D44-V2,9
A6-V1,58	B6-V1,57	C6-V1,24	D6-V1,23	A43-V2,46	B43-V2,45	C43-V2,12	D43-V2,11
A7-V1,56	B7-V1,55	C7-V1,22	D7-V1,21	A42-V2,48	B42-V2,47	C42-V2,14	D42-V2,13
A8-V1,54	B8-V1,53	C8-V1,20	D8-V1,19	A41-V2,50	B41-V2,49	C41-V2,16	D41-V2,15
A9-V1,52	B9-V1,51	C9-V1,18	D9-V1,17	A40-V2,52	B40-V2,51	C40-V2,18	D40-V2,17
A10-V1,50	B10-V1,49	C10-V1,16	D10-V1,15	A39-V2,54	B39-V2,53	C39-V2,20	D39-V2,19
A11-V1,48	B11-V1,47	C11-V1,14	D11-V1,13	A38-V2,56	B38-V2,55	C38-V2,22	D38-V2,21
A12-V1,46	B12-V1,45	C12-V1,12	D12-V1,11	A37-V2,58	B37-V2,57	C37-V2,24	D37-V2,23
A13-V1,44	B13-V1,43	C13-V1,10	D13-V1,9	A36-V2,60	B36-V2,59	C36-V2,26	D36-V2,25
A14-V1,42	B14-V1,41	C14-V1,8	D14-V1,7	A35-V2,62	B35-V2,61	C35-V2,28	D35-V2,27
A15-V1,40	B15-V1,39	C15-V1,6	D15-V1,5	A34-V2,64	B34-V2,63	C34-V2,30	D34-V2,29
A16-V1,38	B16-V1,37	C16-V1,4	D16-V1,3	A33-V2,66	B33-V2,65	C33-V2,32	D33-V2,31
A17-V1,36	B17-V1,35	C17-V1,2	D17-V1,1	A32-V2,68	B32-V2,67	C32-V2,34	D32-V2,33

NOTES:
1. AVAILABLE GROUNDING / SHIELDING POINT IS: A18 ONLY

CUSTOMER DRAWING

DIMENSIONS ARE SHOWN AS:	SIZE	CAGE CODE	DWG.NO.	REV
[MILLIMETERS] INCHES	C	18117	**510150126**	N
	SCALE: 1:1	510150126	5/19/03	SHEET 2 OF 2