

4

3

2

1

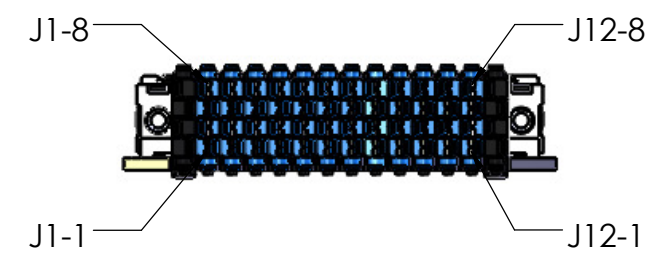
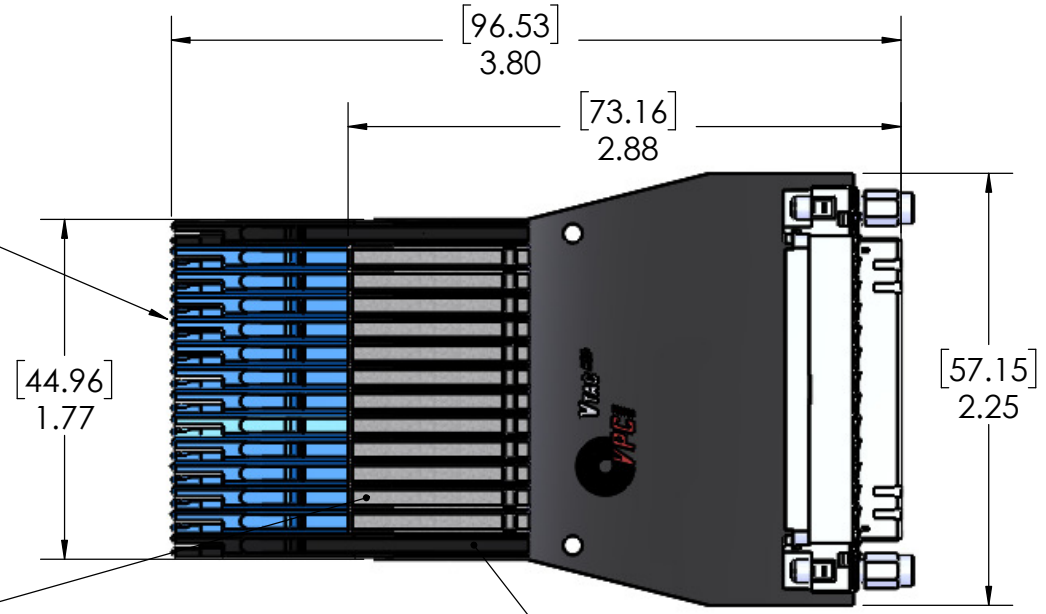
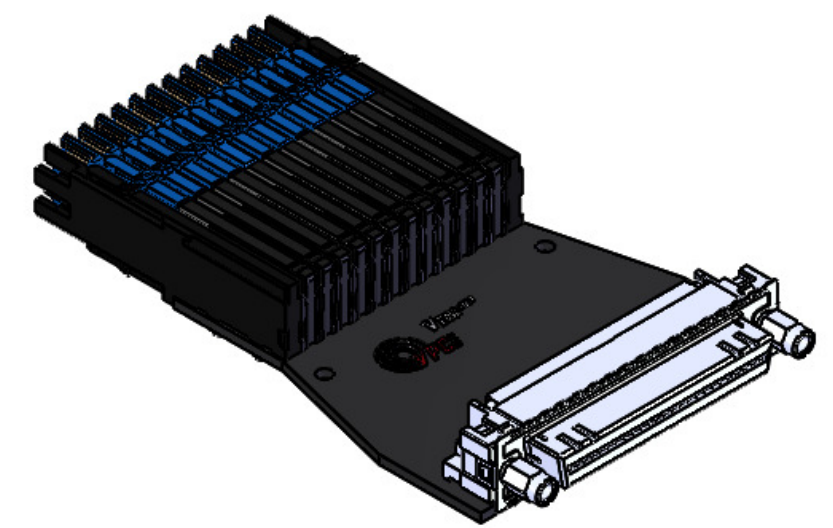
THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF VIRGINIA PANEL CORPORATION AND IS SUBMITTED FOR USE BY THE CUSTOMER ONLY. THE DATA SHALL NOT BE DUPLICATED, USED, OR DISCLOSED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO MAINTAIN THE EQUIPMENT PROVIDED.

REV	DESCRIPTION	DATE	ENGINEER
D	ECN #13897	12/13/2023	SM

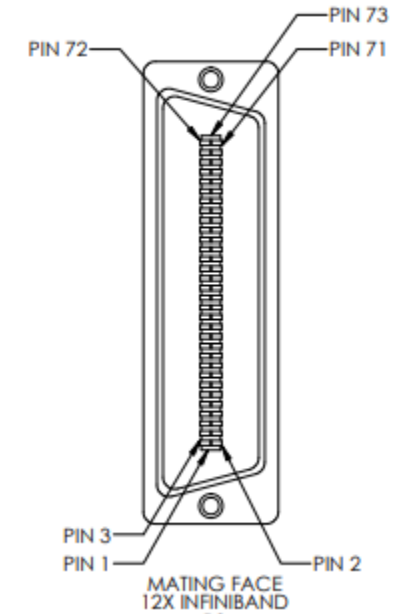
SIM VTAC PASS THROUGH INSERT
VPC P/N 610151103
12 PLCS.

SIM VTAC RIGHT ANGLE INSERT
VPC P/N 610151104
12 PLCS.

SIM VTAC RETENTION INSERT
VPC P/N 610151105
2 PLCS.



MATING FACE



P1

7. ALL VTAC SIM INSERT PINS 1, 4, 5, AND 8 AND INFINIBAND PINS NOT IN WIRELIST ARE CONNECTED TO GROUND.
 6. PCB DESIGNED TO BE LOADED ON THE LEFT WHEN VIEWED FROM THE VPC RECEIVER MATING FACE.
 5. ASSEMBLY RETAINED IN MODULE BY RETENTION INSERT, P/N 610151105. ONLY. 2 EXTRACTION TOOL REQUIRED FOR REMOVAL.
 4. PCB ASSEMBLY COMES WITH PASS THROUGH INSERT, P/N 610151103, ASSEMBLED ONTO RIGHT ANGLE INSERT P/N 610151104. PLUG BLANK INSERTS, P/N 610151103, IN ADJACENT SLOTS BEFORE PLUGGING ASSEMBLY.
 3. PCB ASSEMBLY REQUIRES 14 EMPTY VTAC MODULE POSITIONS.
 2. MATERIALS:
 PCB:
 PCB = ROGERS 4450/RO4003 W/ PSR-4000BN SOLDER MASK
 PCB PADS = IMMERSION GOLD
 VTAC INSERTS:
 VTAC CONTACT = ALLOY 7025
 OUTER SHELL = BLUE/BLACK LCP
 INFINIBAND 12X FEMALE:
 HOUSING = Ni PLATED CARBON STEEL
 CONTACT = Au/Ni PLATED COPPER ALLOY
 SHELL = Ni PLATED CARBON STEEL
 1. FOR APPLICATION USE AND CARE INFORMATION CONSULT VPC USERS GUIDE @ WWW.VPC.COM
 NOTES:

Run #	From Location (Conn - (CC))	Differential Pair	To Location (Conn - (CC))	Run #	From Location (Conn - (CC))	Differential Pair	To Location (Conn - (CC))
1	J1-2	1	P1-2	25	J7-2	13	P1-38
2	J1-3		P1-3	26	J7-3		P1-39
3	J1-6		P1-5	27	J7-6		P1-41
4	J1-7	2	P1-6	28	J7-7	14	P1-42
5	J2-2		P1-8	29	J8-2		P1-44
6	J2-3	3	P1-9	30	J8-3	15	P1-45
7	J2-6		P1-11	31	J8-6		P1-47
8	J2-7	4	P1-12	32	J8-7	16	P1-48
9	J3-2		P1-14	33	J9-2		P1-50
10	J3-3	5	P1-15	34	J9-3	17	P1-51
11	J3-6		P1-17	35	J9-6		P1-53
12	J3-7	6	P1-18	36	J9-7	18	P1-54
13	J4-2		P1-20	37	J10-2		P1-56
14	J4-3	7	P1-21	38	J10-3	19	P1-57
15	J4-6		P1-23	39	J10-6		P1-59
16	J4-7	8	P1-24	40	J10-7	20	P1-60
17	J5-2		P1-26	41	J11-2		P1-62
18	J5-3	9	P1-27	42	J11-3	21	P1-63
19	J5-6		P1-29	43	J11-6		P1-65
20	J5-7	10	P1-30	44	J11-7	22	P1-66
21	J6-2		P1-32	45	J12-2		P1-68
22	J6-3	11	P1-33	46	J12-3	23	P1-69
23	J6-6		P1-35	47	J12-6		P1-71
24	J6-7	12	P1-36	48	J12-7	24	P1-72

CUSTOMER DRAWING



SIM PCB ADAPTER, VTAC, RCV, TO INFINIBAND 12X

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

DWG. NO.	REV	
510170108	D	
SCALE	CAGE CODE	SHEET
2:1	18117	1 OF 1

4

3

2

1