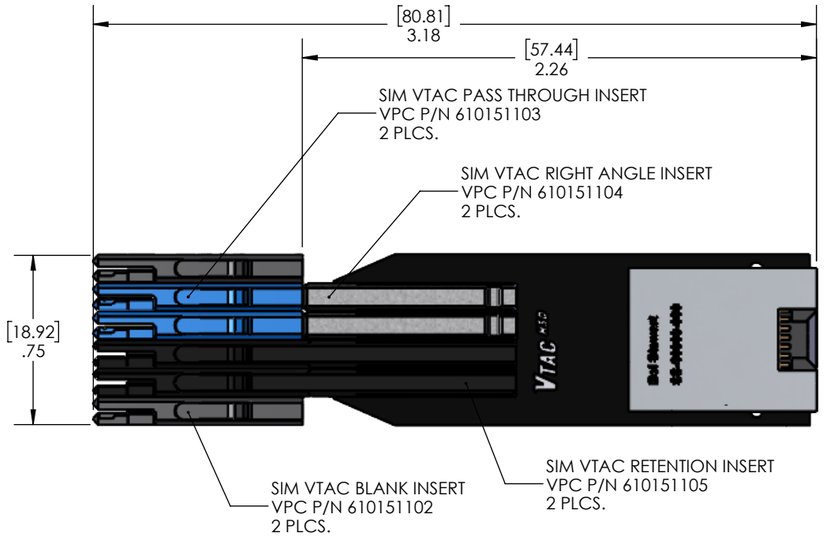
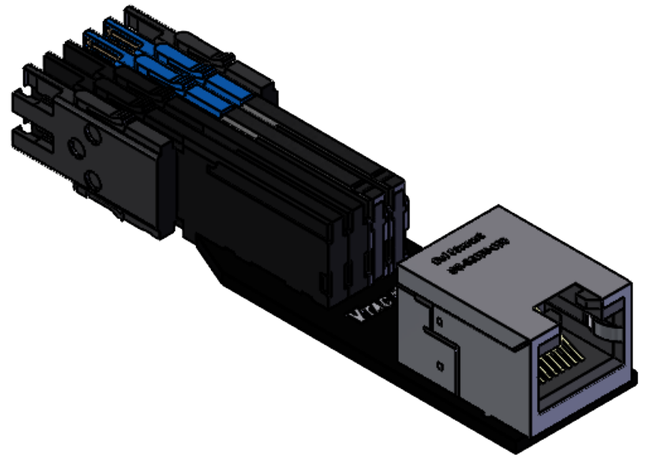
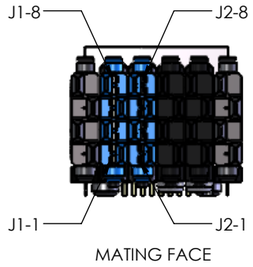
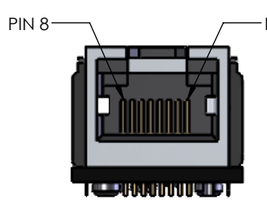
REV	DESCRIPTION	DATE	ENGINEER
D	ECN #13784	11/21/2023	M ECKERT







MATING FACE



P1
MATING FACE

Run #	From Connector	From Pin	To Connector	To Pin
1	J1	3	P1	2
2	J1	2	P1	1
3	J1	7	P1	6
4	J1	6	P1	3
5	J2	3	P1	5
6	J2	2	P1	4
7	J2	7	P1	8
8	J2	6	P1	7
9	J1	1	P1	SHELL
10	J1	4		
11	J1	5		
12	J1	8		
13	J2	1		
14	J2	4		
15	J2	5		
16	J2	8		

7. RJ45 CONNECTOR EXTENDS APPROXIMATELY .03" INTO THE ADJACENT MODULE SLOT. CARE SHOULD BE TAKEN WHEN INSTALLING IN MODULE POSITIONS THAT ARE ADJACENT TO OTHER PCBS.
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 610151102, IN ADJACENT SLOTS BEFORE PLUGGING ASSEMBLY.
3. PCB ASSEMBLY REQUIRES 6 EMPTY VTAC MODULE POSITIONS.
2. MATERIALS:
   PCB:
   PCB = 37HR W/PSR-4000BN SOLDER MASK
   PCB PADS = EMMERSION GOLD
   VTAC INSERTS:
   VTAC CONTACT = ALLOY 7025
   OUTER SHELL = BLUE/BLACK LCP
   RJ45 (CAT6A) JACK:
   HOUSING = THERMOPLASTIC UL 94 V-0
   CONTACT = COPPER ALLOY
   SHELL = TIN PLATED COPPER ALLOY
1. FOR APPLICATION USE AND CARE INFORMATION CONSULT VPC USERS GUIDE @ WWW.VPC.COM

NOTES:

CUSTOMER DRAWING

Virginia Panel Corporation

SIM PCB ADAPTER
VTAC RCV TO RJ45 (CAT6a)

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT

DIMENSIONS ARE SHOWN AS: [MILLIMETERS] INCHES

DWG.NO. **510170105** REV D

SCALE 3:2 | CAGE CODE 18117 | SHEET 1 OF 1