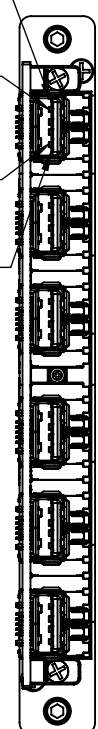


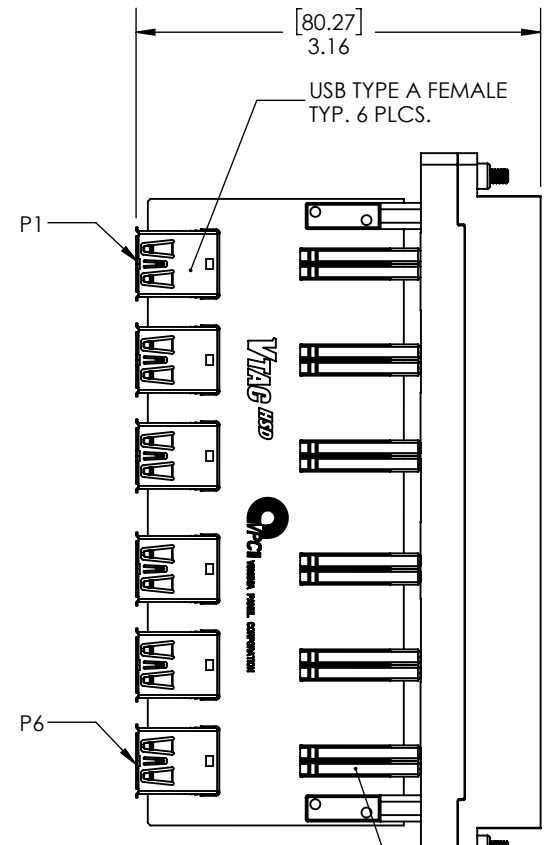
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REV	DESCRIPTION	DATE	ENGINEER
C	ECN #11647	6/30/2021	C CHURCH

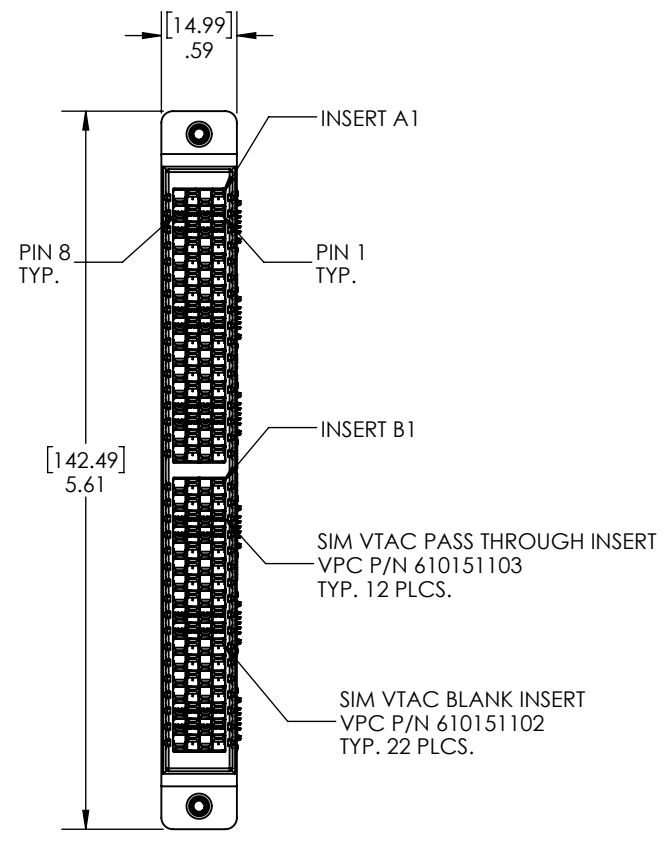
PIN 9 (FRONT ROW) TYP.  
 PIN 1 (BACK ROW) TYP.  
 PIN 4 (BACK ROW) TYP.  
 PIN 5 (FRONT ROW) TYP.



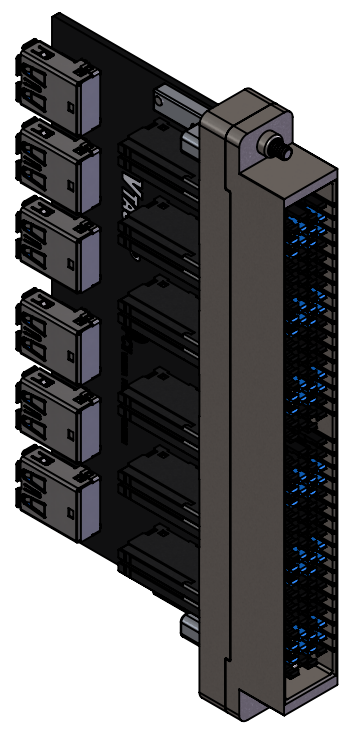
VTAC MATING FACE



SIM VTAC RIGHT ANGLE INSERT VPC P/N 610151104



USB MATING FACE



**PCB TRACES**

FROM VTAC	TO USB	FROM VTAC	TO USB	FROM VTAC	TO USB	FROM VTAC	TO USB	FROM VTAC	TO USB	FROM VTAC	TO USB
A2-1	SHIELD	A8-1	SHIELD	A14-1	SHIELD	B3-1	SHIELD	B9-1	SHIELD	B15-1	SHIELD
A2-2	P1-1	A8-2	P2-1	A14-2	P3-1	B3-2	P4-1	B9-2	P5-1	B15-2	P6-1
A2-3	P1-4	A8-3	P2-4	A14-3	P3-4	B3-3	P4-4	B9-3	P5-4	B15-3	P6-4
A2-4	SHIELD	A8-4	SHIELD	A14-4	SHIELD	B3-4	SHIELD	B9-4	SHIELD	B15-4	SHIELD
A2-5	SHIELD	A8-5	SHIELD	A14-5	SHIELD	B3-5	SHIELD	B9-5	SHIELD	B15-5	SHIELD
A2-6	P1-2	A8-6	P2-2	A14-6	P3-2	B3-6	P4-2	B9-6	P5-2	B15-6	P6-2
A2-7	P1-3	A8-7	P2-3	A14-7	P3-3	B3-7	P4-3	B9-7	P5-3	B15-7	P6-3
A2-8	SHIELD	A8-8	SHIELD	A14-8	SHIELD	B3-8	SHIELD	B9-8	SHIELD	B15-8	SHIELD
A3-1	P1-7	A9-1	P2-7	A15-1	P3-7	B4-1	P4-7	B10-1	P5-7	B16-1	P6-7
A3-2	P1-9	A9-2	P2-9	A15-2	P3-9	B4-2	P4-9	B10-2	P5-9	B16-2	P6-9
A3-3	P1-8	A9-3	P2-8	A15-3	P3-8	B4-3	P4-8	B10-3	P5-8	B16-3	P6-8
A3-4	P1-7	A9-4	P2-7	A15-4	P3-7	B4-4	P4-7	B10-4	P5-7	B16-4	P6-7
A3-5	P1-7	A9-5	P2-7	A15-5	P3-7	B4-5	P4-7	B10-5	P5-7	B16-5	P6-7
A3-6	P1-6	A9-6	P2-6	A15-6	P3-6	B4-6	P4-6	B10-6	P5-6	B16-6	P6-6
A3-7	P1-5	A9-7	P2-5	A15-7	P3-5	B4-7	P4-5	B10-7	P5-5	B16-7	P6-5
A3-8	P1-7	A9-8	P2-7	A15-8	P3-7	B4-8	P4-7	B10-8	P5-7	B16-8	P6-7

3. PCB DESIGNED TO BE LOADED ON THE RIGHT WHEN VIEWED FROM THE VPC RECEIVER MATING FACE.

2. MATERIALS:  
 PCB:  
 PCB = 370HR & R4003C W/PSR-4000BN SOLDERMASK  
 PCB PADS = GOLD IMMERSION  
 VTAC INSERTS:  
 VTAC CONTACT = ALLOY 7025  
 OUTER SHELL = BLUE/BLACK LCP  
 USB 3.0 TYPE A FEMALE:  
 HOUSING = THERMOPLASTIC  
 CONTACT = COPPER ALLOY  
 SHELL = STAINLESS STEEL

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

NOTES:

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

**CUSTOMER DRAWING**

VPC Virginia Panel Corporation

**VTAC ITA PCB TO (6) USB 3 TYPE A FML**

DWG.NO. **510171103** REV C

SCALE 2:3 CAGE CODE 18117 SHEET 1 OF 1