

D

C

B

A

BACKPLANE PARTS LIST			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	344-5004-000	8 POSITION KEYING MODULE ASSEMBLY "J0"	1
2	344-5002-000	16 POSITION KEYING MODULE DIFFERENTIAL ASSEMBLY "J2"	1
3	344-5001-000	16 POSITION CENTER MODULE DIFFERENTIAL ASSEMBLY "J1"	1
4	564-0498-000	GUIDANCE/KEYING PIN	1
5	800-7667-100	HEX NUT, METRIC, M5	2
6	800-7668-100	FLAT WASHER, METRIC, M5	2
7	800-7669-100	LOCK WASHER, METRIC, M5	2
8	564-0508-000	GUIDEANCE/KEYING PIN	1

5

5

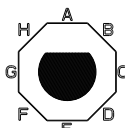
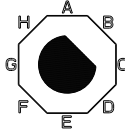
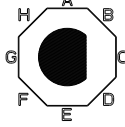
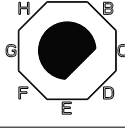
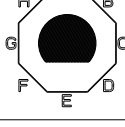
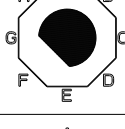
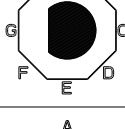
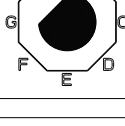
5

5

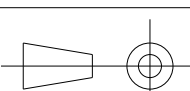
5

NOTES:

1. REFER TO FOLLOWING TECH BULLETINS FOR VIPER PRODUCT SPECIFICATIONS:
TB-2094: VIPER GENERAL PRODUCT SPECIFICATION
TB-2095: VIPER CONNECTOR QUALIFICATION PLAN SUMMARY
TB-2096: VIPER SIGNAL INTEGRITY CHARACTERIZATION REPORT
TB-2097: VIPER SIGNAL TRACE ROUTING GUIDELINES BACKPLANE AND DAUGHTERCARD
TB-2098: INSTALLATION OF RIGHT-ANGLE PRESSFIT VIPER DAUGHTERCARD CONNECTORS
TB-2099: VIPER CONNECTOR REPAIR PROCEDURES
TB-2100: VIPER BACKPLANE CONNECTOR PRESS-FIT INSTALLATION PROCESS
2. TYPICAL MODULE TRAY MARKING AS FOLLOWS:
LINE 1: VJ773-10001 REV
LINE 2: MFR: 55KXI YYWW
LINE 3: QTY
3. GUIDE PIN IS INTENDED FOR USE IN 6.35 [1.250] MAX THICK PCB. ALTERNATE GUIDANCE/KEY PINS AVAILABLE FOR DIFFERENT BACKPLANE THICKNESSES. CONSULT FACTORY FOR OPTIONS.
4. THIS CONFIGURATION AND HOLES ARE REQUIRED TO SUPPORT VITA 46 PRODUCT SPECIFICATION AND ARE NOT REQUIRED FOR VIPER PRODUCT LINE TO BE INSTALLED.
5. BACKPLANE KEYING TO BE SPECIFIED BY CUSTOMER WHEN ORDERING. IF NO KEYING SPECIFIED KEYS ARE BAGGED AND SHIPPED UNASSEMBLED WITH CONNECTOR.
6. Ø9.00 GROUND PAD PLATED AROUND GUIDE PIN MOUNTING HOLE ON TOP AND BOTTOM SIDES OF BOARD.
7. MATES WITH VP773-10001
8. REQUIRED KEEP OUT AREA FOR BACKPLANE MODULE INSTALLATION.

GUIDE PIN KEYING REFERENCE	
	GUIDE PIN POSITION "A"
	GUIDE PIN POSITION "B"
	GUIDE PIN POSITION "C"
	GUIDE PIN POSITION "D"
	GUIDE PIN POSITION "E"
	GUIDE PIN POSITION "F"
	GUIDE PIN POSITION "G"
	GUIDE PIN POSITION "H"

REV	SCR NO.	DESCRIPTION	BY	DATE	APPROVED
-	55249	NEW RELEASE	R.C.	03/29/10	H.COOK
A	55347	ADDED NOTE 8, ADDED DIMENSIONS TO BOARD DETAIL FOR KEEPOUT AREA. UPDATED NOTE 2	B.B.	06/22/10	H.COOK
B	55702	CORRECTED DRILL Ø ON BOARD DETAIL SHEET 2; WAS 0.066	R.C.	10/13/11	H.COOK

PROENGINEER PART VJ77310001.ASSEM		TOLERANCES		DWN 01/04/10 R.CHIFFY		Amphenol Corporation AMPHENOL BACKPLANE SYSTEMS NASHUA, NH 03063			
		0.0	±.	CHK 03/25/10 A.DELLAS					
		0.00	±.	APVD 03/29/10 H.COOK	TITLE VIPER VARIANT "A" CONNECTOR, BACKPLANE 3U CONFIGURATION				
		0.000	±.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS					
PROENGINEER DRAWING CVJ77310001		ANGLES ±.°		CUSTOMER USE DRAWING		PART NO. VJ773-10001		REV B	
						DRAWING NO. C-VJ773-10001		REV B	
INTERPRET PER ASME Y14.5M CODE IDENT 55KXI						SIZE D		SCALE 2/1	SHEET 1 OF 2

DWG NO. C-VJ773-10001

SH I REV B

A

D

C

B

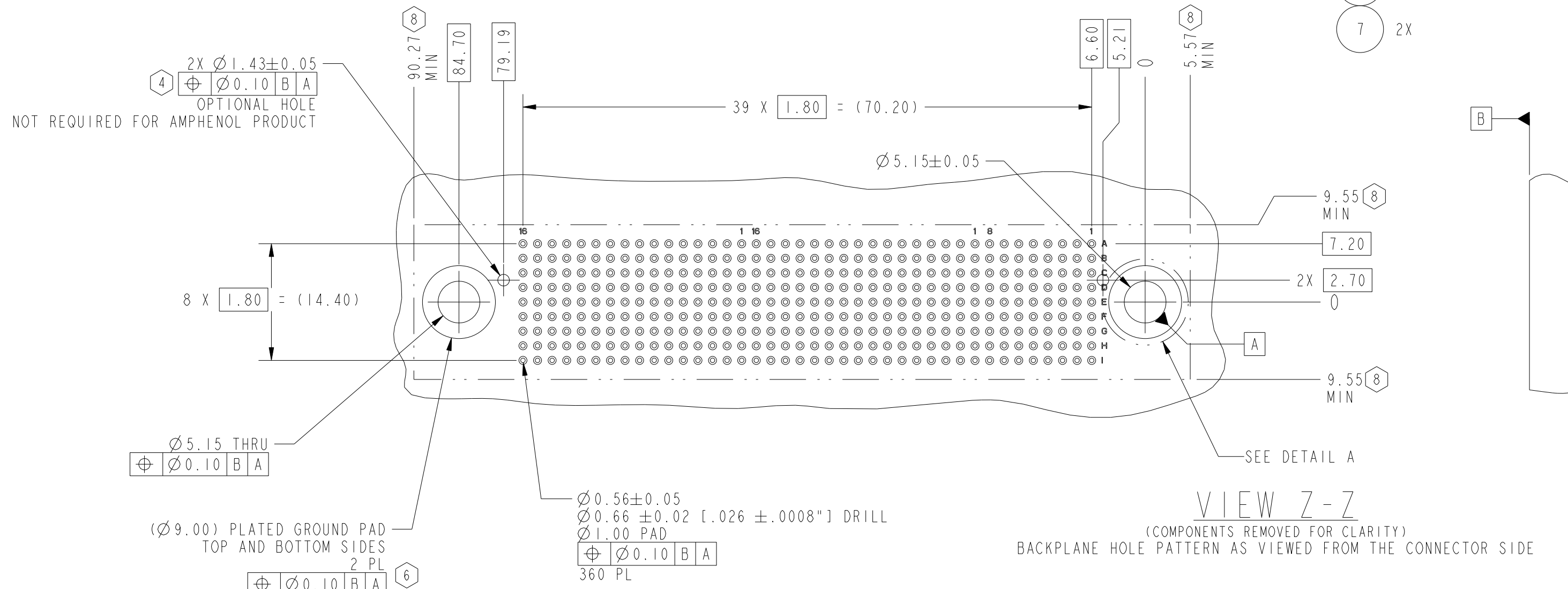
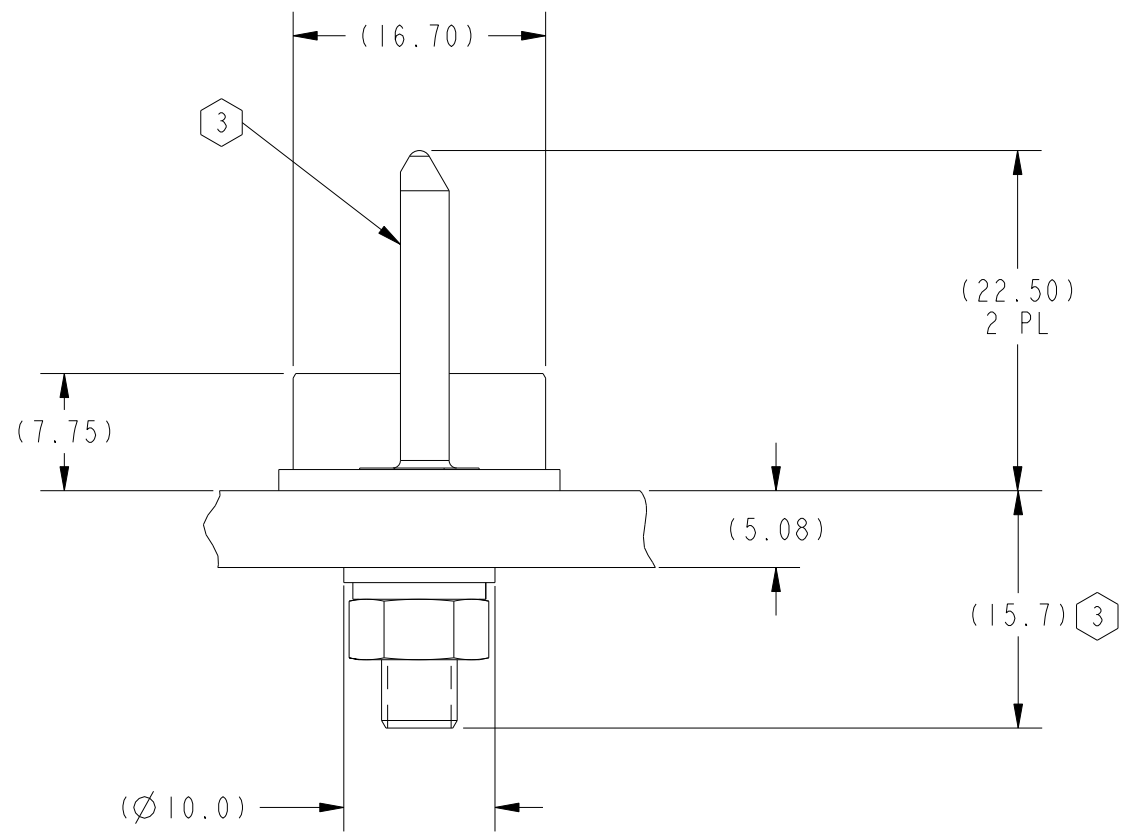
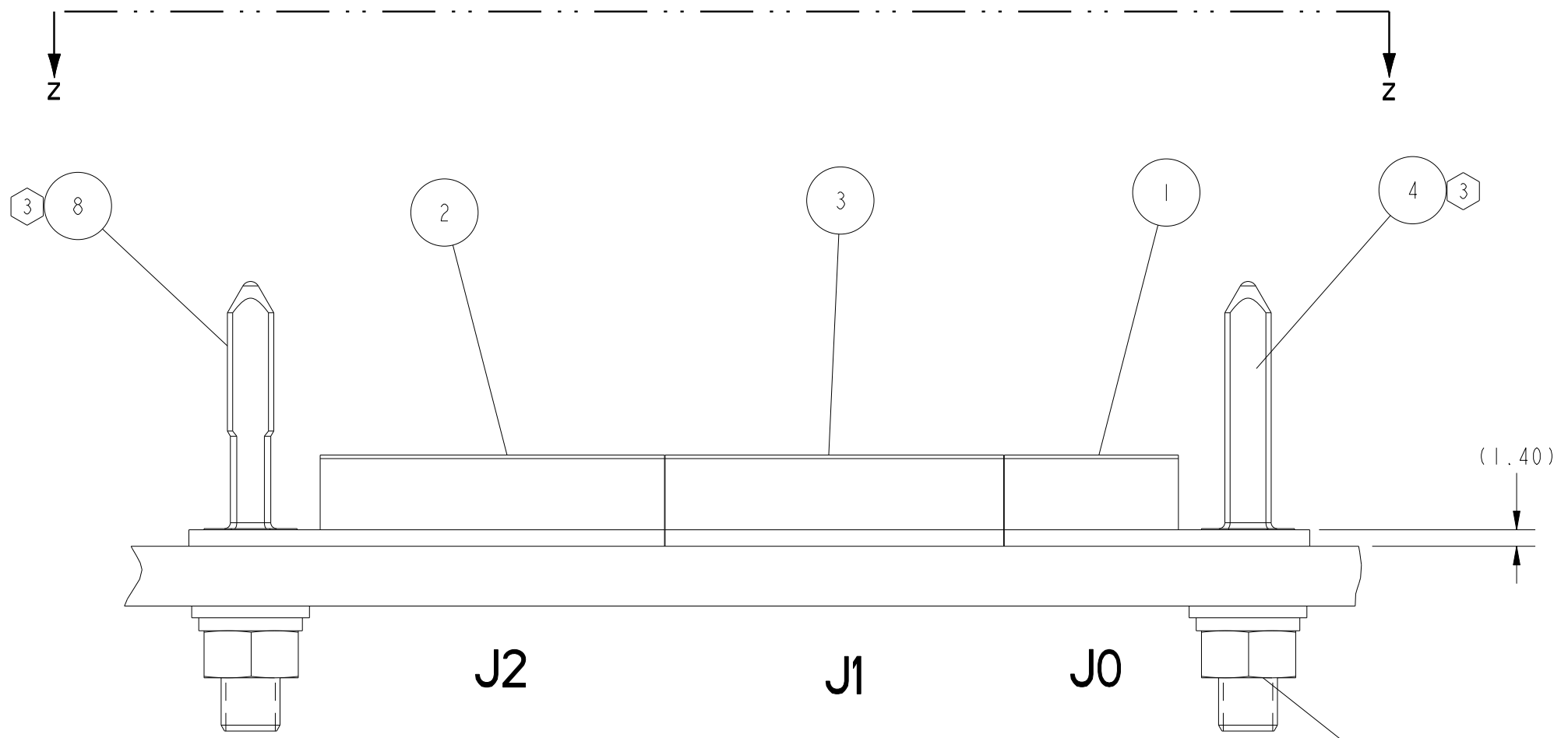
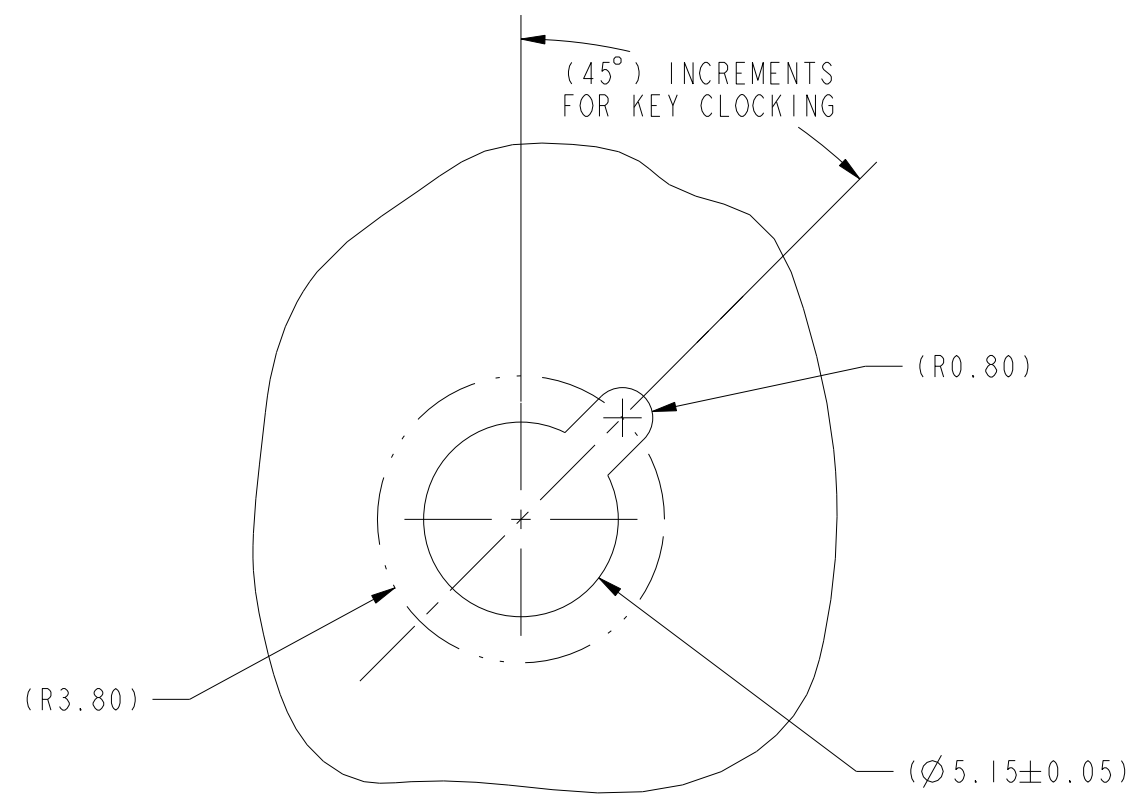
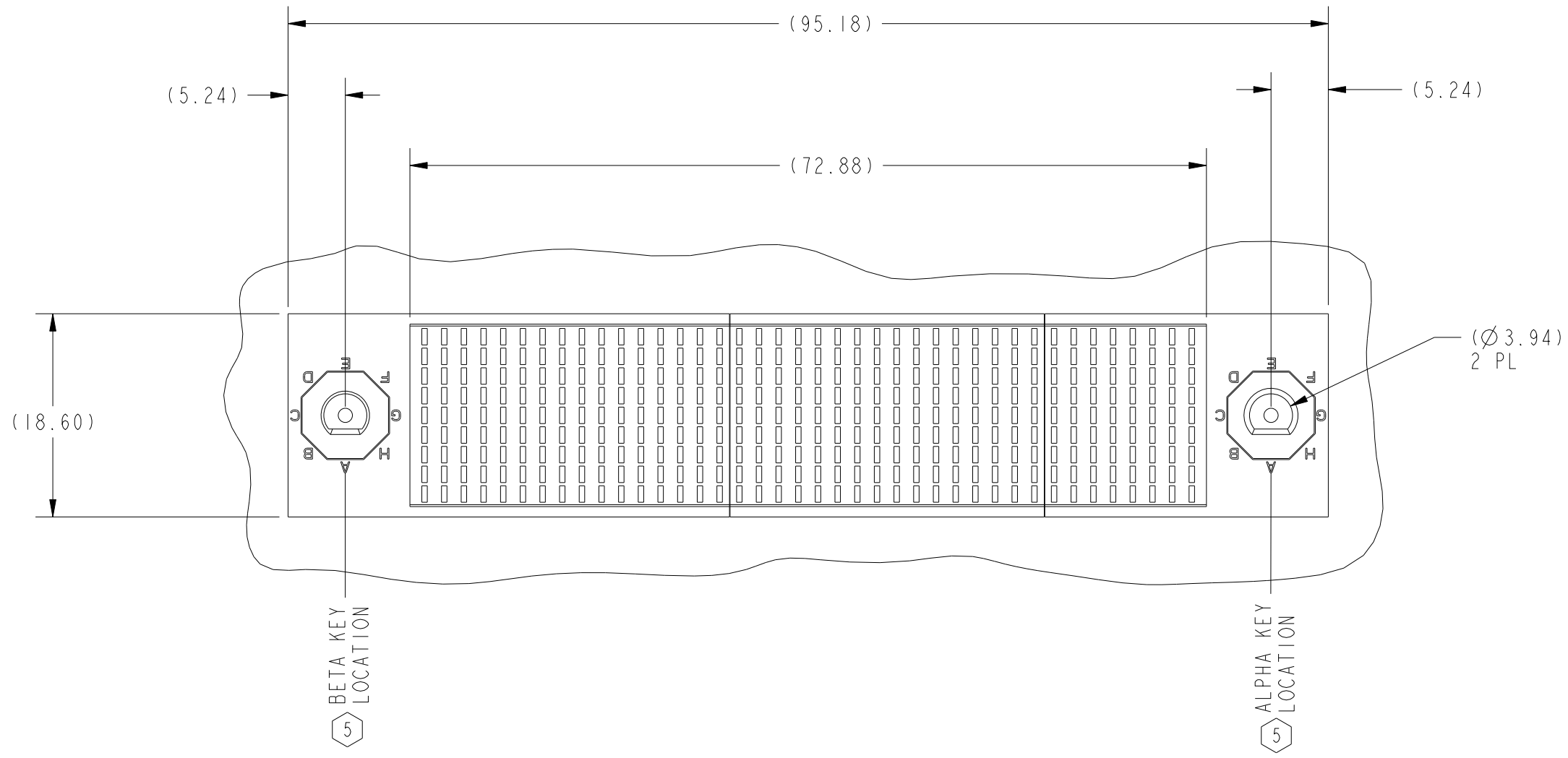
A

D

C

B

A



VIEW Z-Z
(COMPONENTS REMOVED FOR CLARITY)
BACKPLANE HOLE PATTERN AS VIEWED FROM THE CONNECTOR SIDE