

REV		SCR NO.	DESCRIPTION	BY	DATE	APPROVED
-	55281	NEW RELEASE		B.B.	04/26/10	H.COOK
A	55347	ADDED NOTE 8, ADDED DIMENSIONS TO BOARD DETAIL FOR KEUPOUT AREA. UPDATED NOTE 2		B.B.	06/22/10	H.COOK

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: VJ776-10001 REV
 LINE 2: MFR: 55KXI YYWW
 LINE 3: QTY

- ③ GUIDE PIN IS INTENDED FOR USE IN 6.35 [250 in] MAX THICK BOARD. ALTERNATE GUIDANCE/KEY PIN 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.

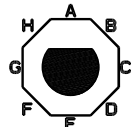
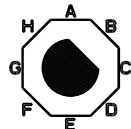
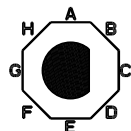
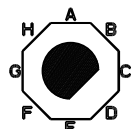
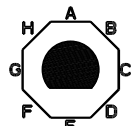
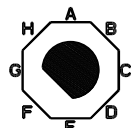
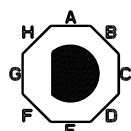
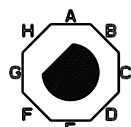
- 5 BACKPLANE KEYING TO BE SPECIFIED BY CUSTOMER WHEN ORDERING. IF NO KEYING SPECIFIED KEYS ARE BAGGED AND SHIPPED UNASSEMBLED WITH CONNECTOR.

- 6 Ø 9.00 GROUND PAD PLATED AROUND GUIDE PIN MOUNTING HOLE ON TOP AND BOTTOM SIDES OF BOARD.

7. MATES WITH VP776-10001

- 8 REQUIRED KEEP OUT AREA FOR BACKPLANE MODULE INSTALLATION.

BACKPLANE PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	MATERIAL/PLATING	QTY
1	344-5004-000	8 POSITION KEYING MODULE ASSEMBLY "J0"	INSULATOR: LCP U934 V0 PER MIL-M-24519 CONTACTS: OLIN C7025 TMO3 PLATING: 50µ IN. GOLD OVER 150µ IN. NICKEL TIN-LEAD ON COMPLAINTS	1
2	344-5002-000	16 POSITION KEYING MODULE DIFFERENTIAL ASSEMBLY "J2"	INSULATOR: LCP U934 V0 PER MIL-M-24519 CONTACTS: OLIN C7025 TMO3 PLATING: 50µ IN. GOLD OVER 150µ IN. NICKEL TIN-LEAD ON COMPLAINTS	1
3	344-5001-000	16 POSITION CENTER MODULE DIFFERENTIAL ASSEMBLY "J1", "J4" & "J5"	INSULATOR: LCP U934 V0 PER MIL-M-24519 CONTACTS: OLIN C7025 TMO3 PLATING: 50µ IN. GOLD OVER 150µ IN. NICKEL TIN-LEAD ON COMPLAINTS	3
4	344-5005-000	16 POSITION KEYING MODULE DIFFERENTIAL ASSEMBLY "J6"	INSULATOR: LCP U934 V0 PER MIL-M-24519 CONTACTS: OLIN C7025 TMO3 PLATING: 50µ IN. GOLD OVER 150µ IN. NICKEL TIN-LEAD ON COMPLAINTS	1
5	344-5011-000	16 POSITION END MODULE DIFFERENTIAL ASSEMBLY "J3"	STAINLESS STEEL, TYPE 303, PASSIVATED	1
6	564-0498-000	GUIDANCE/KEYING PIN	STAINLESS STEEL, TYPE 303, PASSIVATED	2
7	564-0508-000	SHORT CENTER GUIDANCE/KEYING PIN	STAINLESS STEEL, TYPE 303, PASSIVATED	1
8	800-7667-100	HEX NUT, METRIC, M5	316 STAINLESS STEEL, DIN 934	3
9	800-7668-100	FLAT WASHER, METRIC, M5	316 STAINLESS STEEL, DIN 125	3
10	800-7669-100	LOCK WASHER, METRIC, M5	316 STAINLESS STEEL, DIN 127B	3

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"

PROENGINEER PART VJ77610001.ASSEM PROENGINEER DRAWING CJ77610001		TOLERANCES		DWN 01/04/71 T. DOUCET CHK 04/23/71 R. CHIFFY APVD 04/26/71		Amphenol Corporation AMPHENOL BACKPLANE SYSTEMS NASHUA, NH 03063	
		0.0 ± . 0.00 ± . 0.000 ± .		H. COOK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		TITLE VIPER VARIANT "C" CONNECTOR, BACKPLANE 6U CONFIGURATION	
		ANGLES ± °		CUSTOMER USE DRAWING		PART NO. VJ776-10001 REV A	
		INTERPRET PER ASME Y14.5M CODE IDENT 55XK1				DRAWING NO. C-VJ776-10001 REV A	
				SIZE D SCALE 2/1		SHEET 1 OF 2	

D

C

B

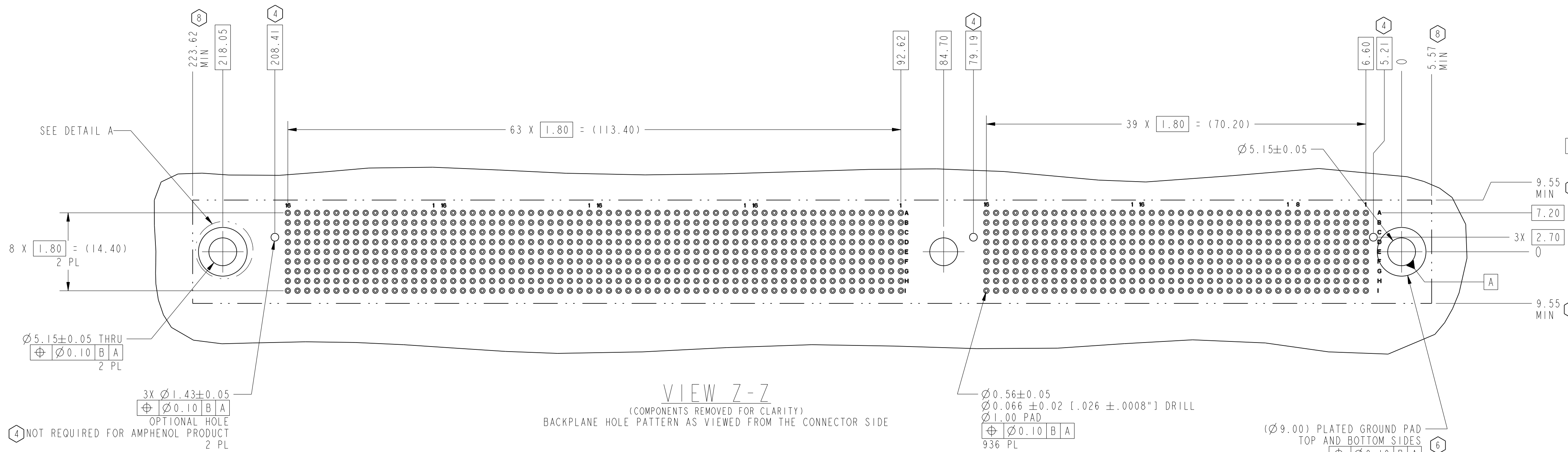
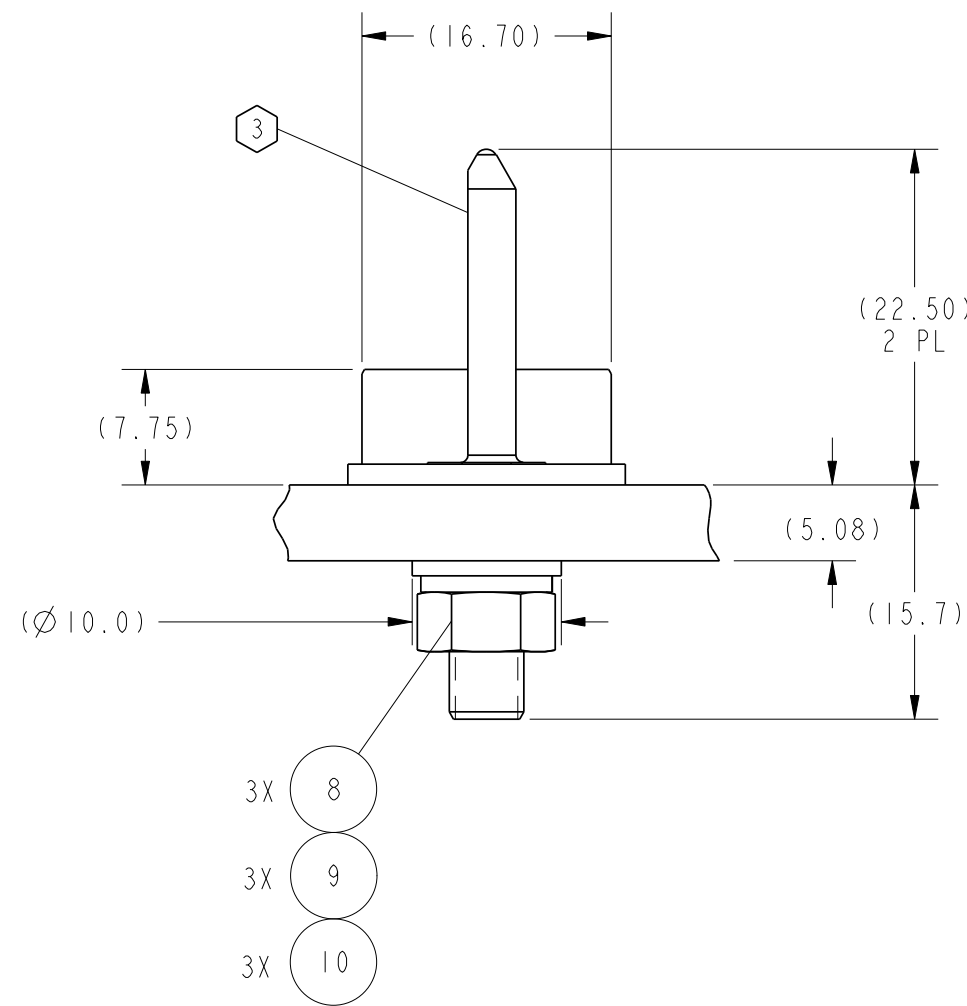
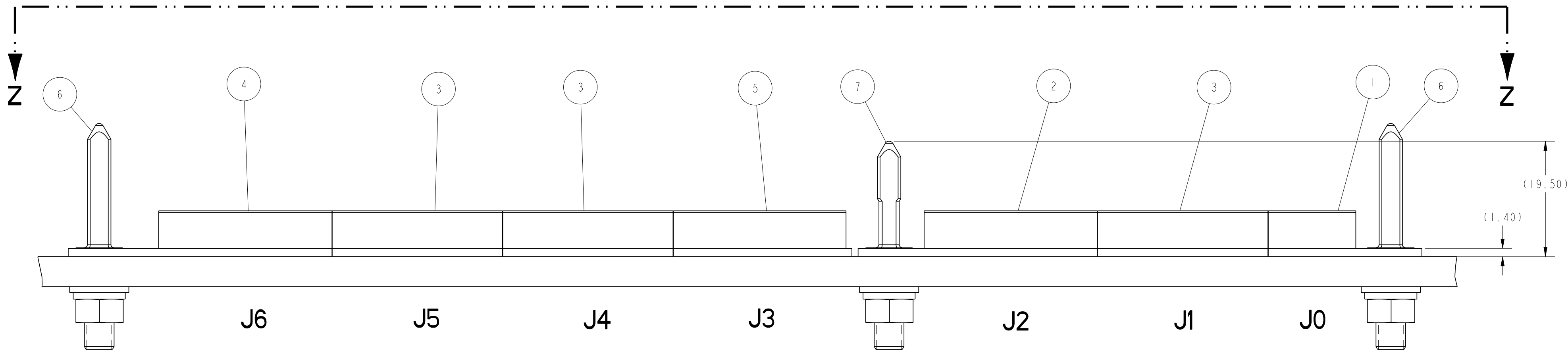
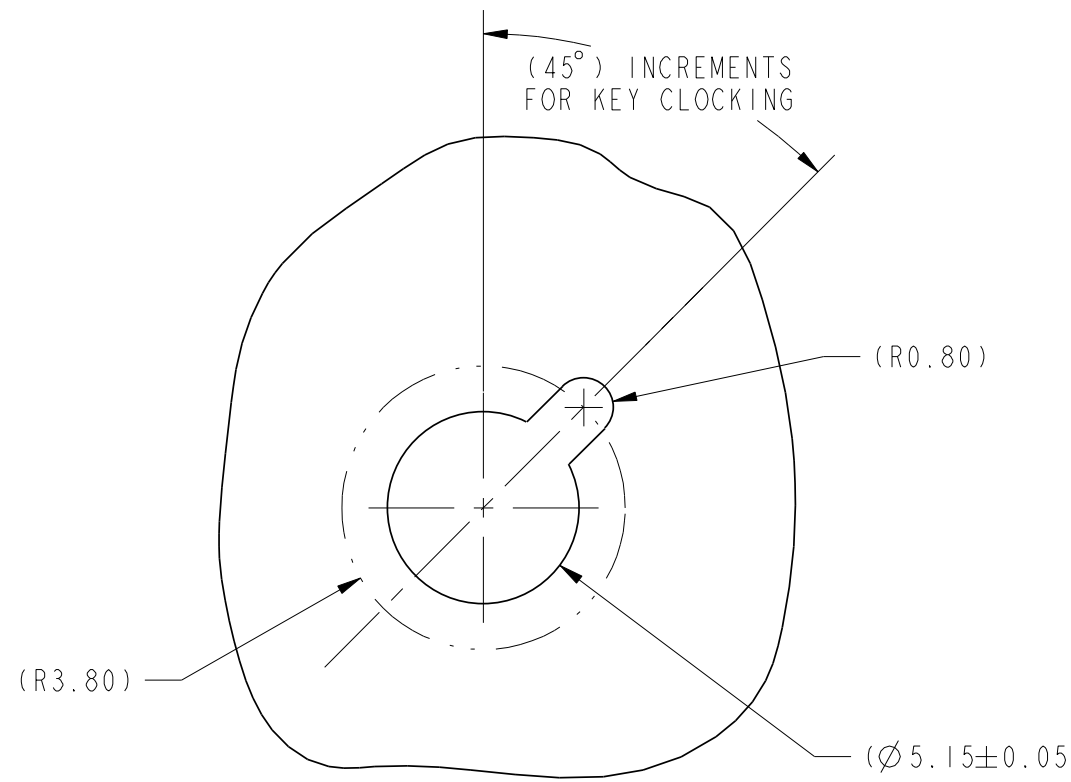
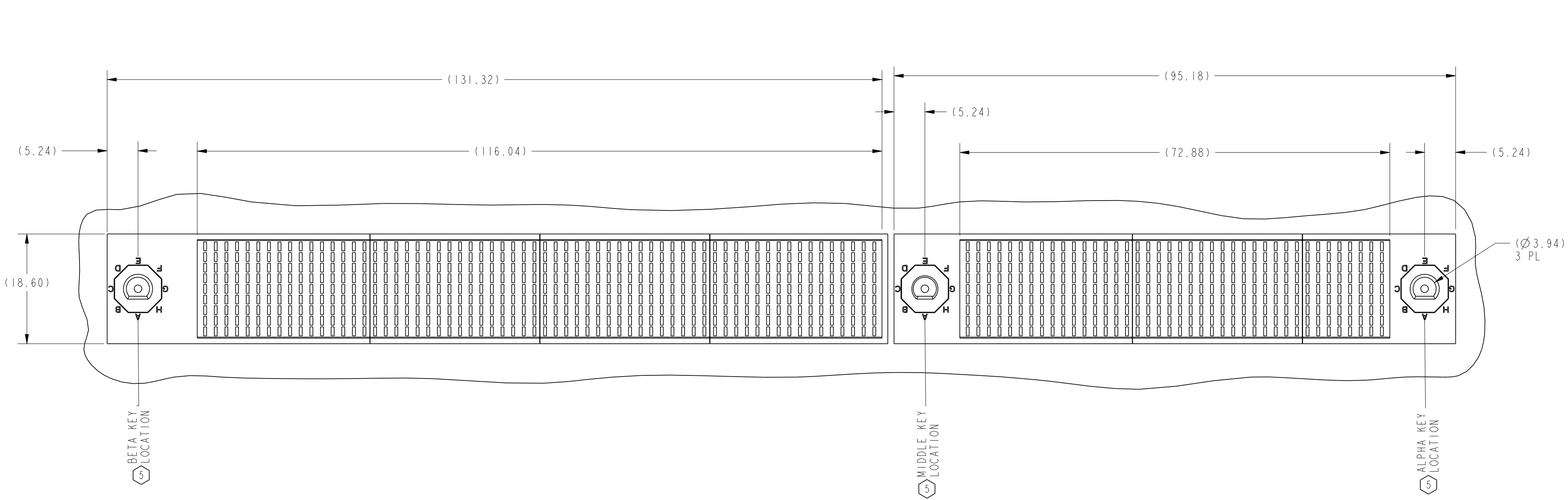
A

D

C

B

A



Mouser Electronics

Authorized Distributor

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