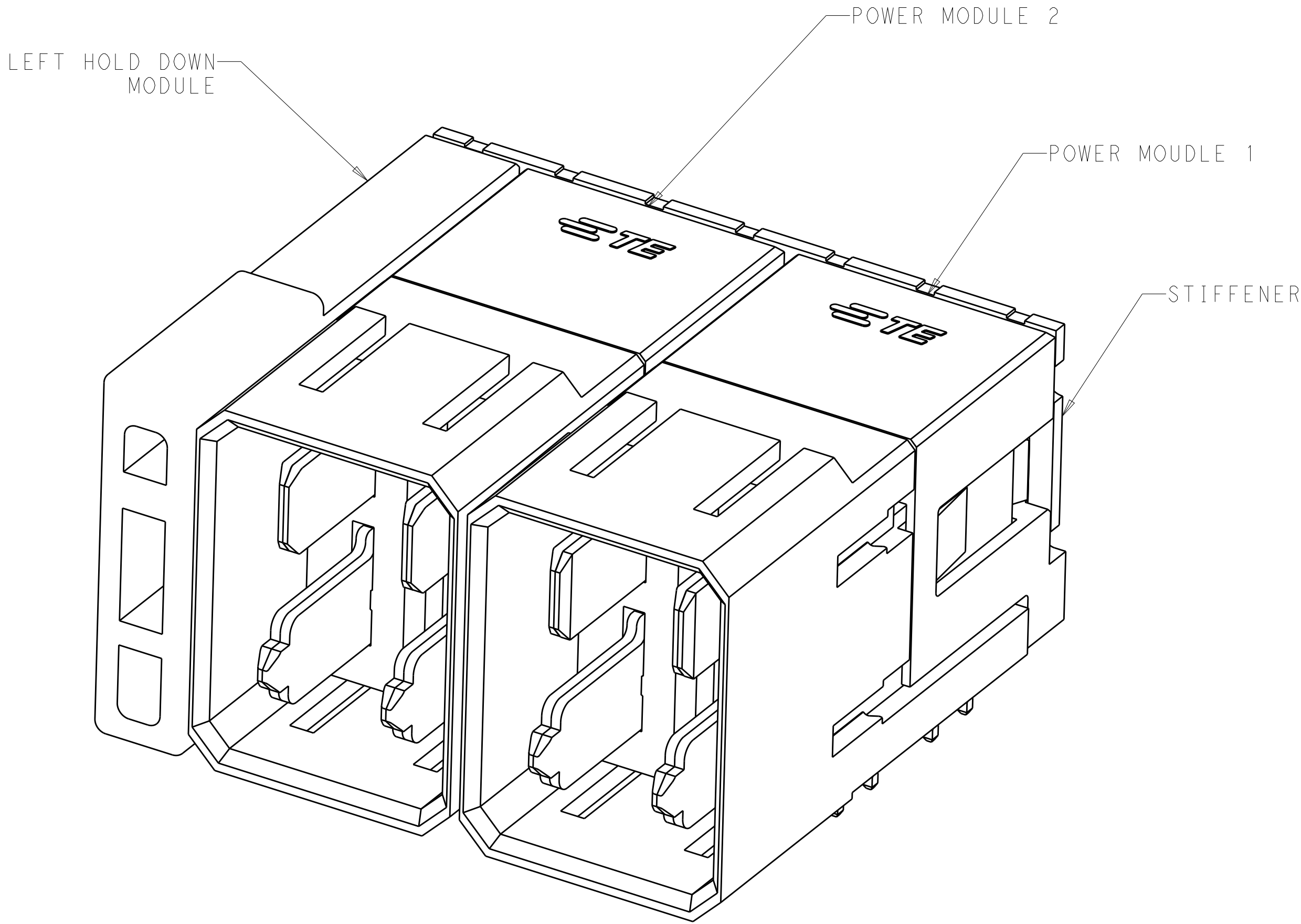


LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	INITIAL RELEASE	25MAY2012	LW	AC	
			A1	REV PER ECR-12-010636	19JUN2012	LW	AC	
			A2	REV PER ECR-13-000356	09JAN2013	LW	AC	
			B	PER ECR-17-002092	16FEB2017	DS	SY	



HEADER WITH LEFT HOLD DOWN MODULE

NOTES:

- △ MATERIALS:
HOUSING:HIGH TEMP. THERMOPLASTIC GLASS/MINERAL FILLED UL94V-0
TERMINAL:COPPER ALLOY

- △ FINISH:
TIN OPTION-0.76um MIN GOLD AT CONTACT AREA AND
1.27um MIN NICKEL UNDERPLATED OVER ALL
2.54um TIN AT SOLDER TAIL AREA
TIN-LEAD OPTION-0.76um MIN GOLD AT CONTACT AREA AND
1.27um MIN NICKEL UNDERPLATED OVER ALL
2.54um TIN-LEAD AT SOLDER TAIL AREA

- △ REFER TO TE'S PRODUCT SPECIFICATION:108-2473
FOR PLATED THROUGH-HOLE SPECIFICATION AND TORQUE FORCE
4 CONNECTOR WERE PACKED BY TRAY
REFER TO TE'S PACKAGING SPECIFICATION:107-97873
5 MATED WITH *-2169806-* OR *-2169853-*
△ LASER MARK PART NUMBER AND DATE CODE (YYWWDS)
CAN BE AT THE OPPOSITE SIDE
△ ADD 11.40MM FOR EACH ADDITIONAL MODULE
8.REFER TO DOCUMENT NUMBER:2169802 FOR INDIVIDUAL
MODULE COMPONENT INFORMATION

- △ FIRST POWER MODULE(1#) STARTS FROM THE RIGHT
△ DIMENSION P1&P2 FOR POWER MODULE 1, P3&P4 FOR POWER MODULE 2
△ COMPONENT STAY AWAY ZONE FROM CONNECTOR
△ ALL PARTS ARE SHIPPED WITH A 2-32 AB TYPE SELF-TAPPING
SCREW P/N:2057509-2

OBSOLETE	TRAY	TIN-LEAD	6.90	5.70	6.90	5.70	26.40	2X	7-2180850-0
OBSOLETE			6.90	5.70	5.70	6.90	26.40	2X	6-2180850-9
OBSOLETE			6.90	5.70	5.70	5.70	26.40	2X	6-2180850-8
OBSOLETE			6.90	5.70	6.90	6.90	26.40	2X	6-2180850-7
OBSOLETE			5.70	6.90	6.90	5.70	26.40	2X	6-2180850-6
OBSOLETE			5.70	6.90	5.70	6.90	26.40	2X	6-2180850-5
OBSOLETE			5.70	6.90	5.70	5.70	26.40	2X	6-2180850-4
OBSOLETE			5.70	6.90	6.90	6.90	26.40	2X	6-2180850-3
OBSOLETE			5.70	5.70	6.90	5.70	26.40	2X	6-2180850-2
OBSOLETE			5.70	5.70	5.70	6.90	26.40	2X	6-2180850-1
OBSOLETE			5.70	5.70	5.70	5.70	26.40	2X	6-2180850-0
OBSOLETE			5.70	5.70	6.90	6.90	26.40	2X	5-2180850-9
OBSOLETE			6.90	6.90	6.90	5.70	26.40	2X	5-2180850-8
OBSOLETE			6.90	6.90	5.70	6.90	26.40	2X	5-2180850-7
OBSOLETE			6.90	6.90	5.70	5.70	26.40	2X	5-2180850-6
OBSOLETE			6.90	6.90	6.90	6.90	26.40	2X	5-2180850-5
OBSOLETE			N/A	N/A	6.90	5.70	15.00	1X	5-2180850-4
OBSOLETE			N/A	N/A	5.70	6.90	15.00	1X	5-2180850-3
OBSOLETE			N/A	N/A	5.70	5.70	15.00	1X	5-2180850-2
OBSOLETE			N/A	N/A	6.90	6.90	15.00	1X	5-2180850-1
ACTIVE	TRAY	TIN	6.90	5.70	6.90	5.70	26.40	2X	2-2180850-0
ACTIVE			6.90	5.70	5.70	6.90	26.40	2X	1-2180850-9
ACTIVE			6.90	5.70	5.70	5.70	26.40	2X	1-2180850-8
ACTIVE			6.90	5.70	6.90	6.90	26.40	2X	1-2180850-7
ACTIVE			5.70	6.90	6.90	5.70	26.40	2X	1-2180850-6
ACTIVE			5.70	6.90	5.70	6.90	26.40	2X	1-2180850-5
ACTIVE			5.70	6.90	5.70	5.70	26.40	2X	1-2180850-4
ACTIVE			5.70	6.90	6.90	6.90	26.40	2X	1-2180850-3
ACTIVE			5.70	5.70	6.90	5.70	26.40	2X	1-2180850-2
ACTIVE			5.70	5.70	5.70	6.90	26.40	2X	1-2180850-1
ACTIVE			5.70	5.70	5.70	5.70	26.40	2X	1-2180850-0
ACTIVE			5.70	5.70	6.90	6.90	26.40	2X	2180850-9
ACTIVE			6.90	6.90	6.90	5.70	26.40	2X	2180850-8
ACTIVE			6.90	6.90	5.70	6.90	26.40	2X	2180850-7
ACTIVE			6.90	6.90	5.70	5.70	26.40	2X	2180850-6
ACTIVE			6.90	6.90	6.90	6.90	26.40	2X	2180850-5
ACTIVE			N/A	N/A	6.90	5.70	15.00	1X	2180850-4
ACTIVE			N/A	N/A	5.70	6.90	15.00	1X	2180850-3
ACTIVE			N/A	N/A	5.70	5.70	15.00	1X	2180850-2
ACTIVE			N/A	N/A	6.90	6.90	15.00	1X	2180850-1
STATUS	PACKAGING	PLATING TYP	P4	P3	P2	P1	DIM A	NUMBER OF POWER MODULE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: LERRY WANG 13FEB2012
CHK: SUNY ZHAO 13FEB2012
APVD: SUNY ZHAO 13FEB2012

DIMENSIONS:
mm

0 PLC ±--
1 PLC ±--
2 PLC ±0.25
3 PLC ±--
4 PLC ±--
ANGLES ±°
FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
- 3
APPLICATION SPEC
114-32028

WEIGHT
-

CUSTOMER DRAWING

SCALE 6:1

SHEET 1 OF 4

REV B

TE Connectivity

NAME
IMPACT POWER 3 PAIR
R/A HEADER W/HOLD DOWN LEFT
PRESS FIT

SIZE
A1

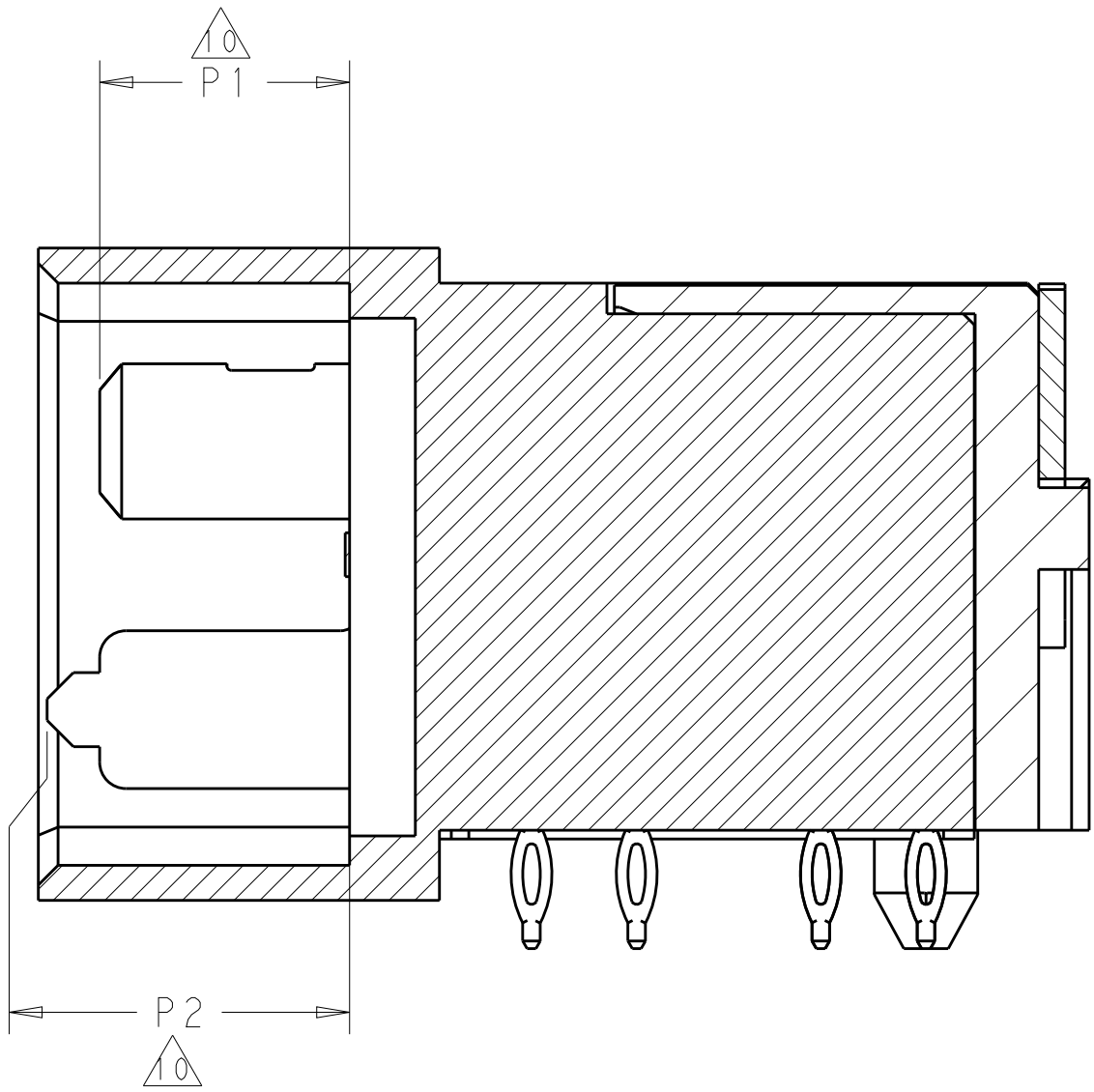
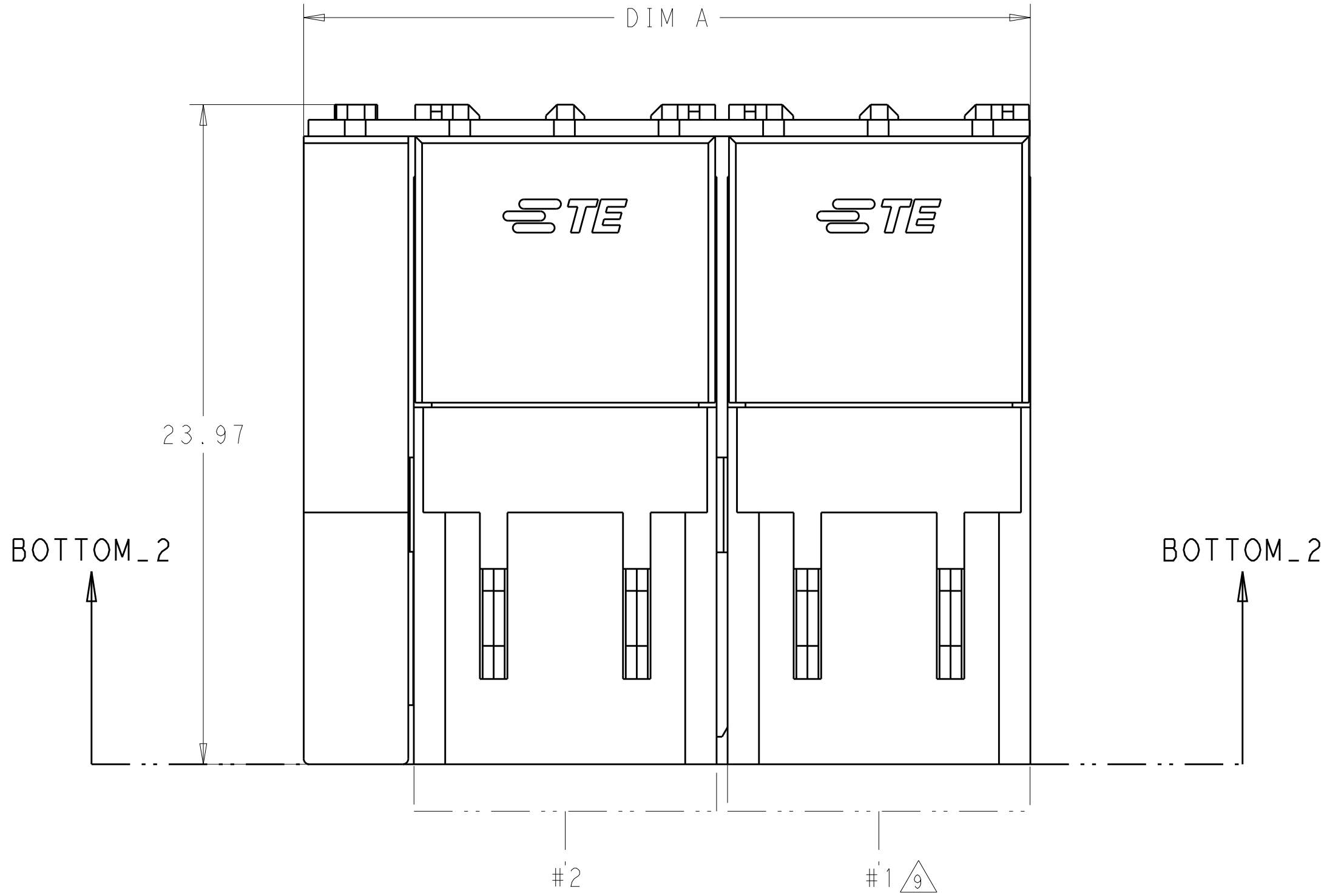
CAGE CODE
00779

DRAWING NO
C=2180850

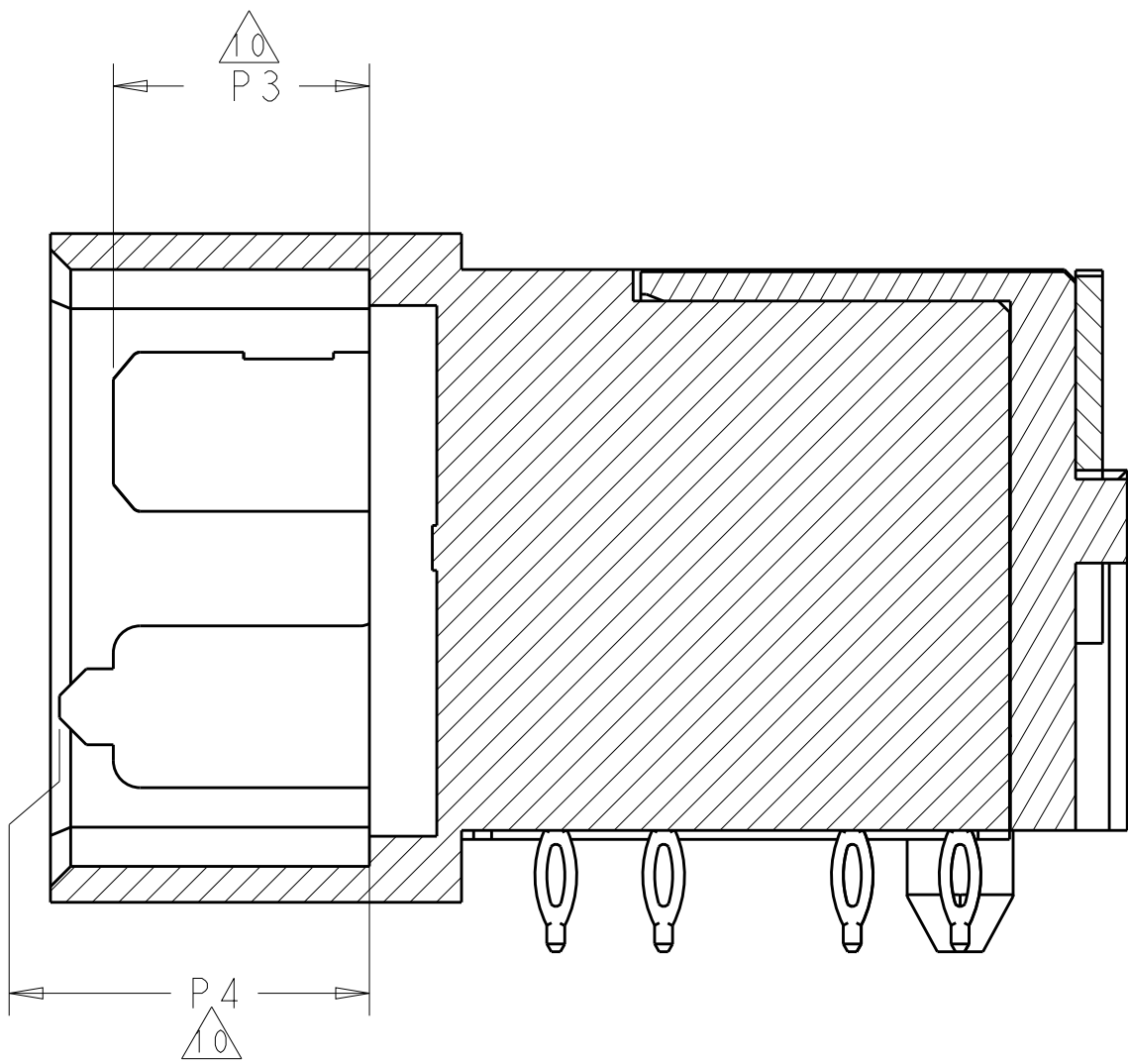
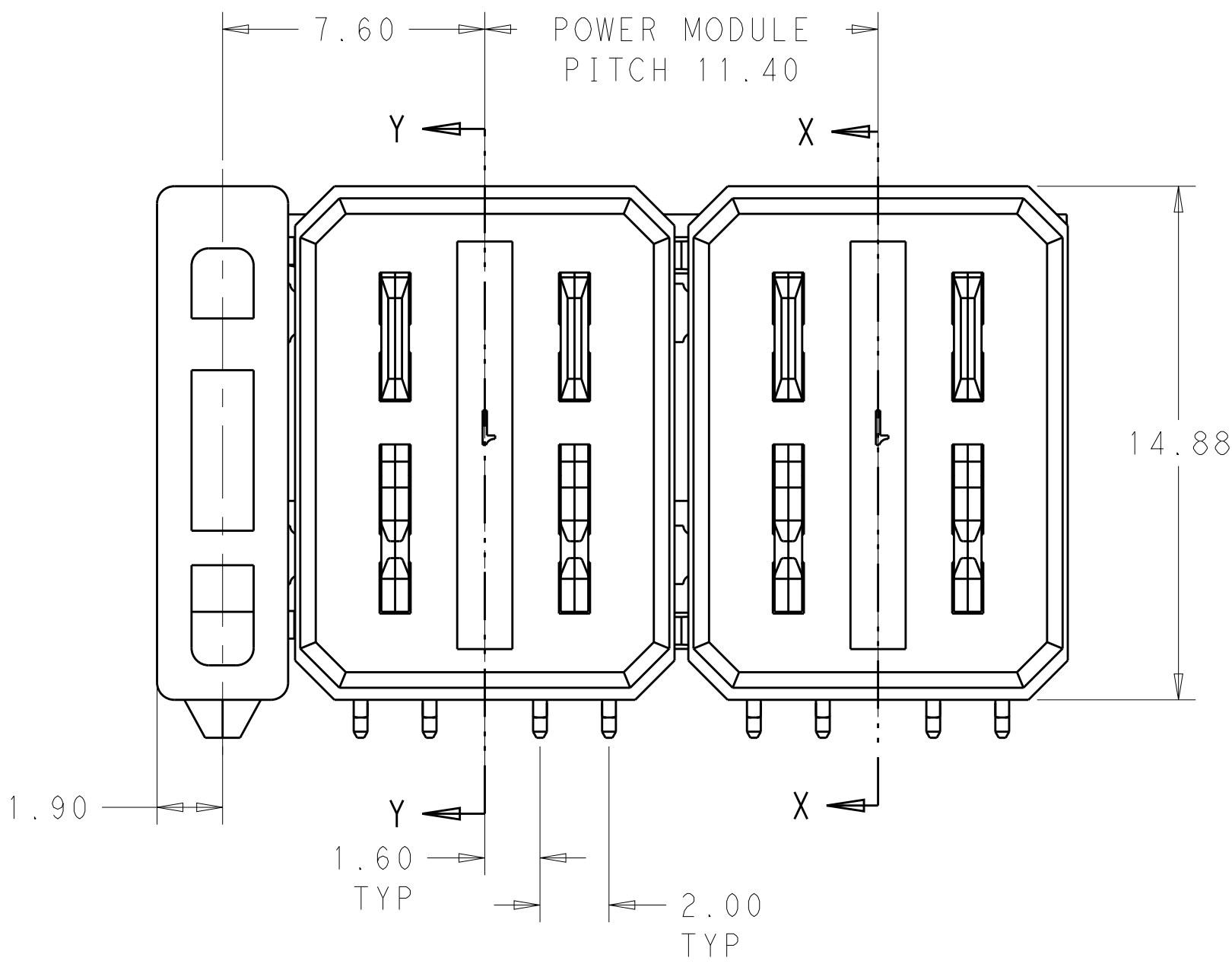
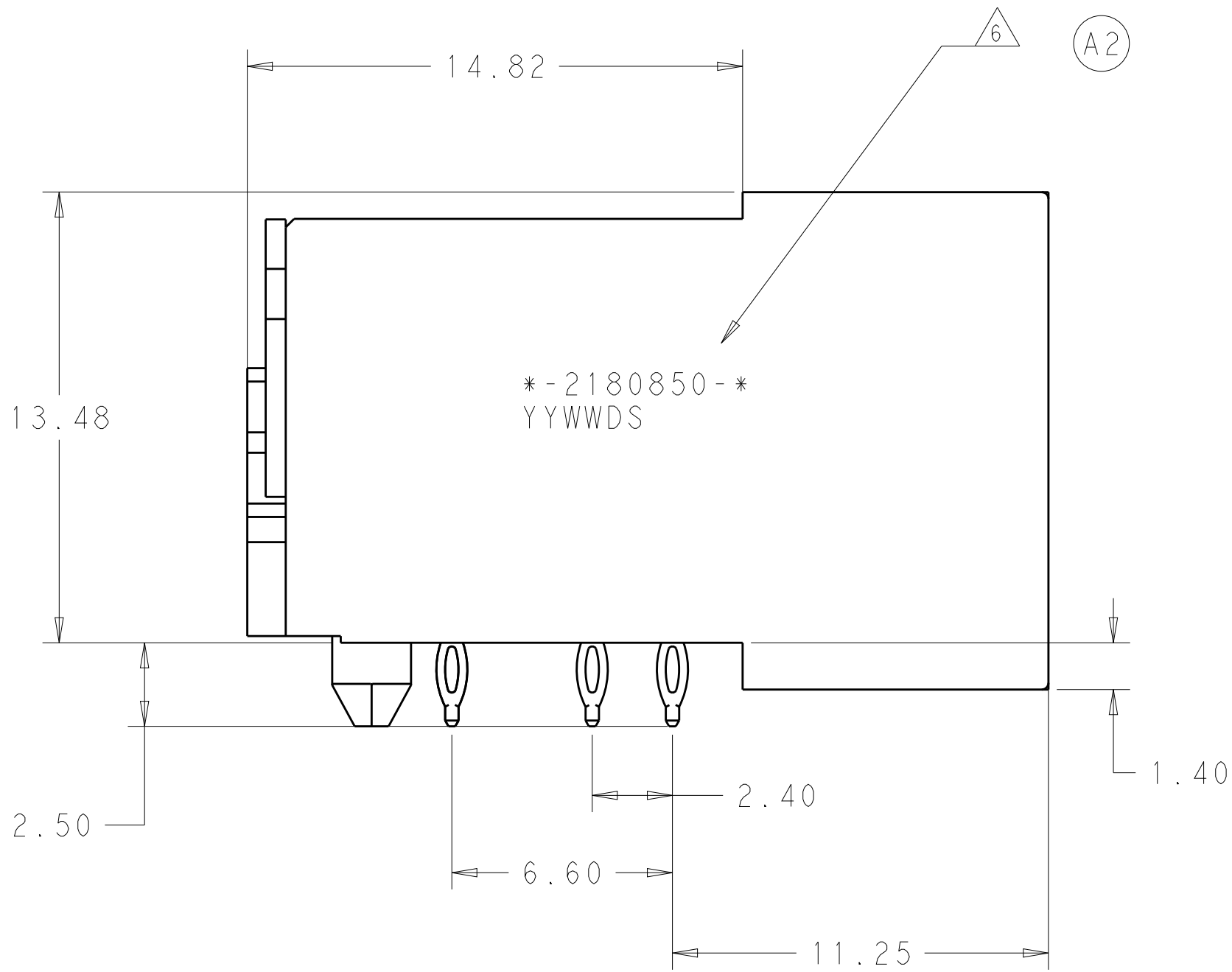
RESTRICTED TO
-

4805 (3/11)

LOC		DIST		REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

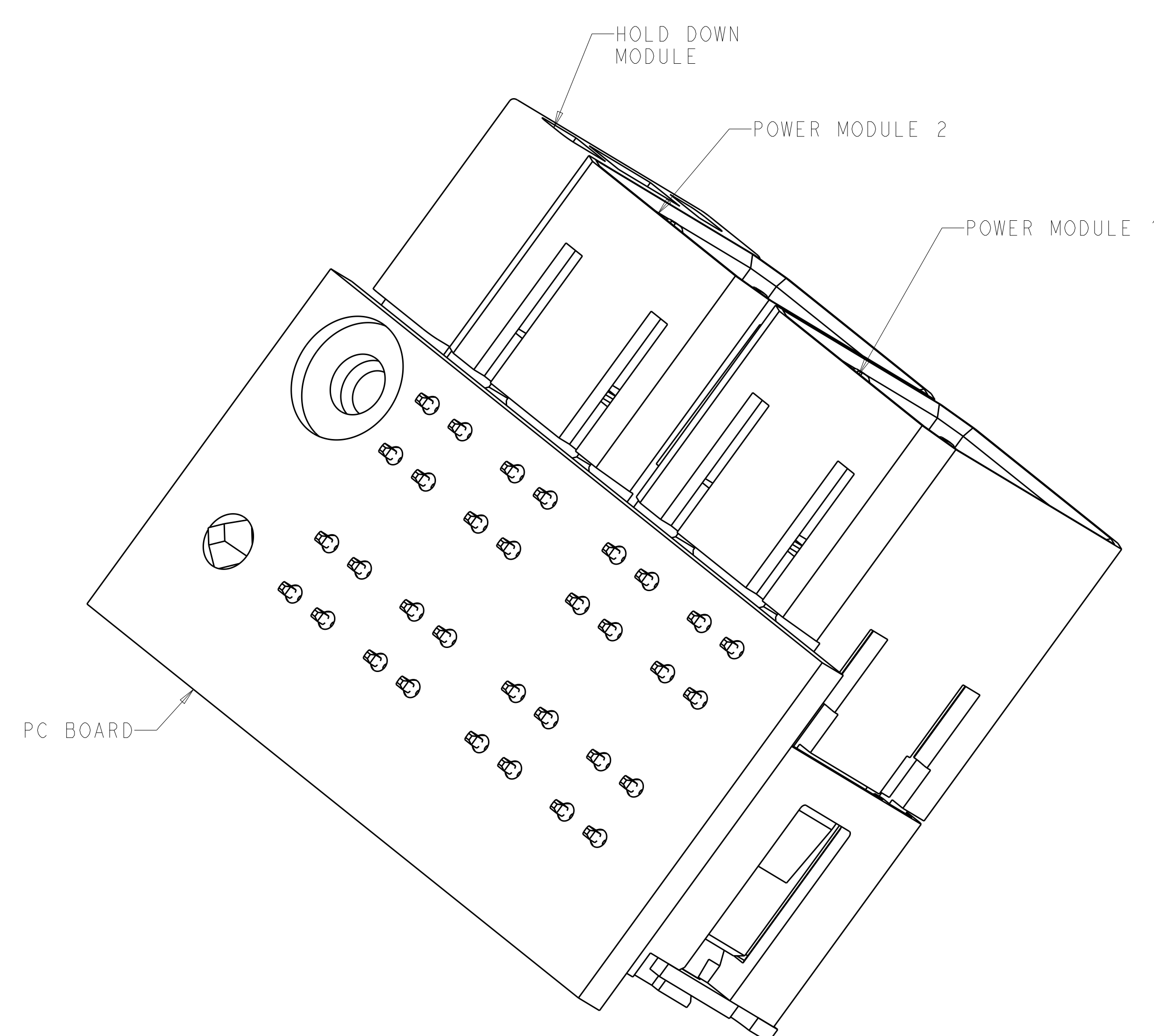


SECTION X-X
BLADE P1 & P2 LOCATION

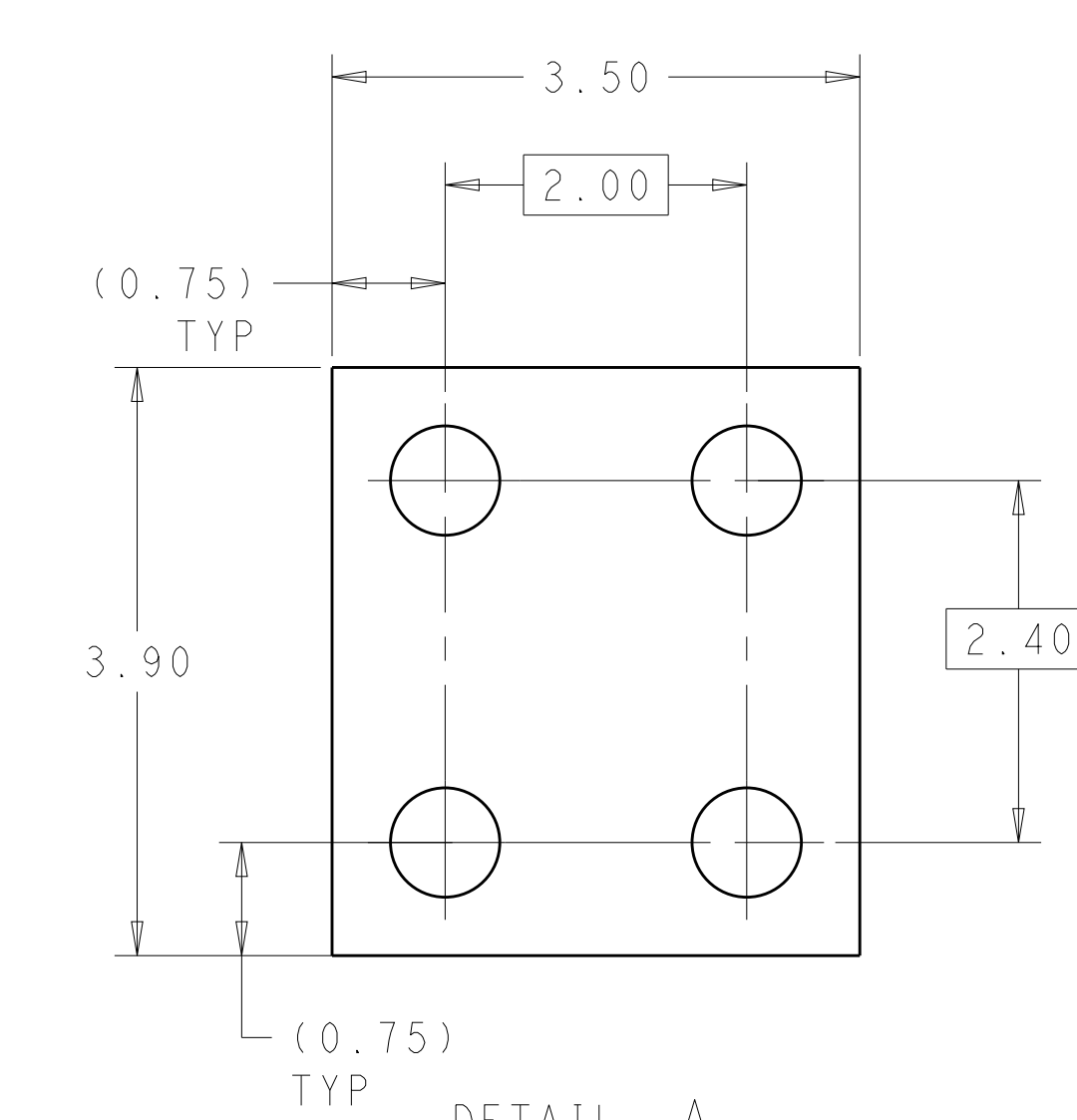


SECTION Y-Y
BLADE P3 & P4 LOCATION

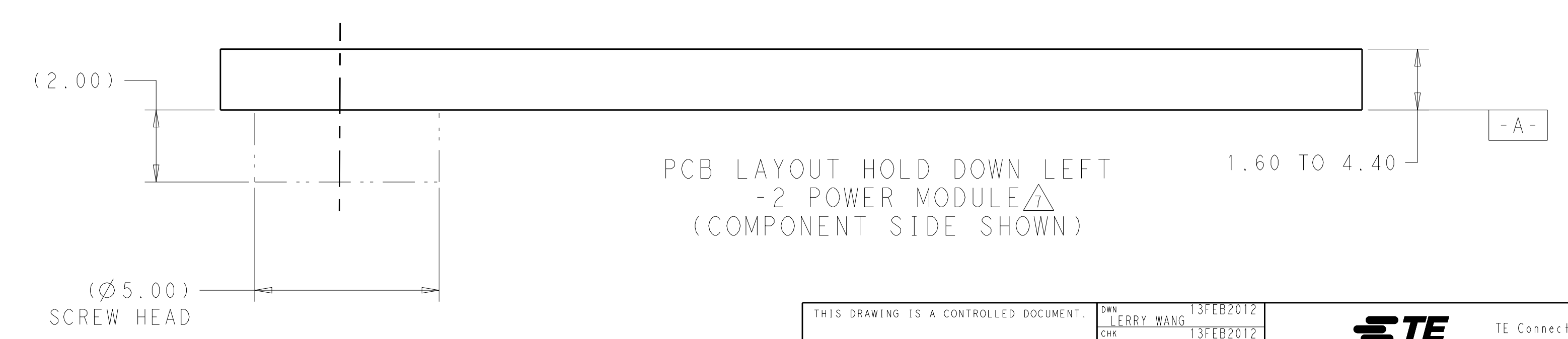
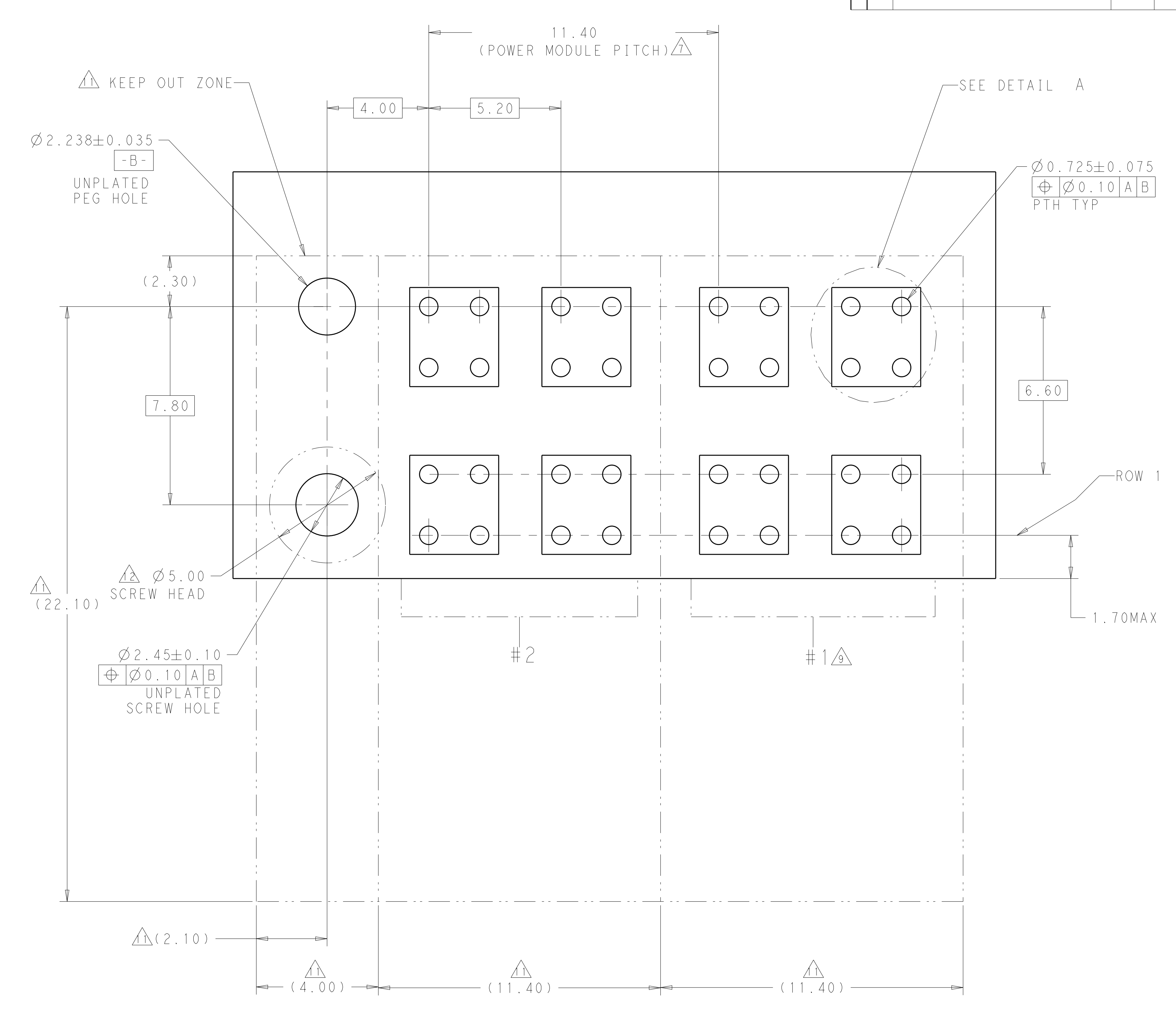
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: LERRY WANG 13FEB2012	TE Connectivity	
DIMENSIONS:		CHK: SUNY ZHAO 13FEB2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SUNY ZHAO 13FEB2012	NAME	
	0 PLC ±.1	PRODUCT SPEC	IMPACT POWER 3 PAIR R/A HEADER W/HOLD DOWN LEFT PRESS FIT	
	1 PLC ±.1	APPLICATION SPEC		
	2 PLC ±0.25	114-32028		
	3 PLC ±.1	WEIGHT		
MATERIAL	FINISH	CUSTOMER DRAWING	SIZE: A1	CAGE CODE: 00779
		SCALE: 6:1		SHEET: 2 OF 4
		REV: B		



CONNECTOR WITH PCB BOARD



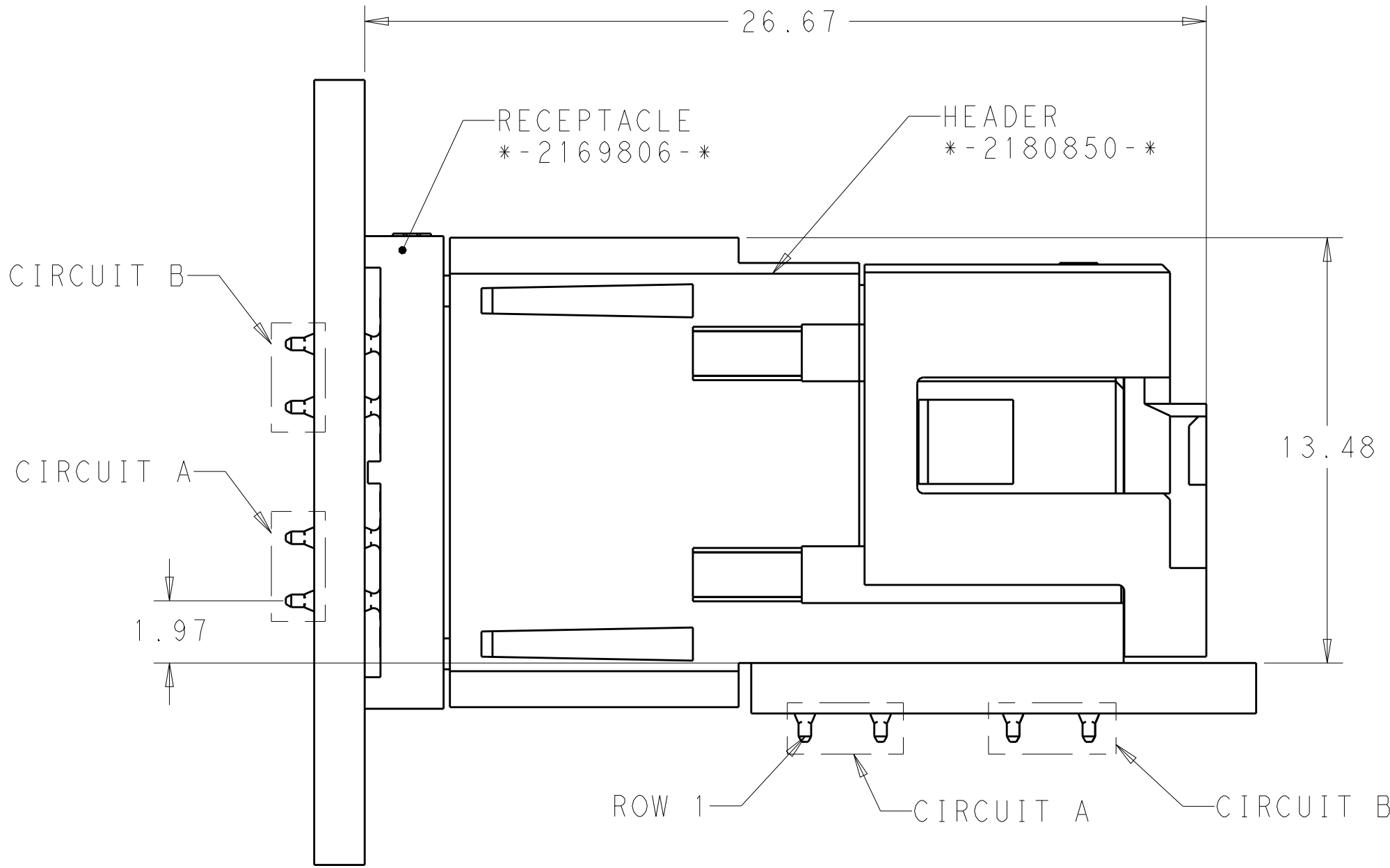
DETAIL A
SCALE 20:1
COPPER PAD REFERENCE



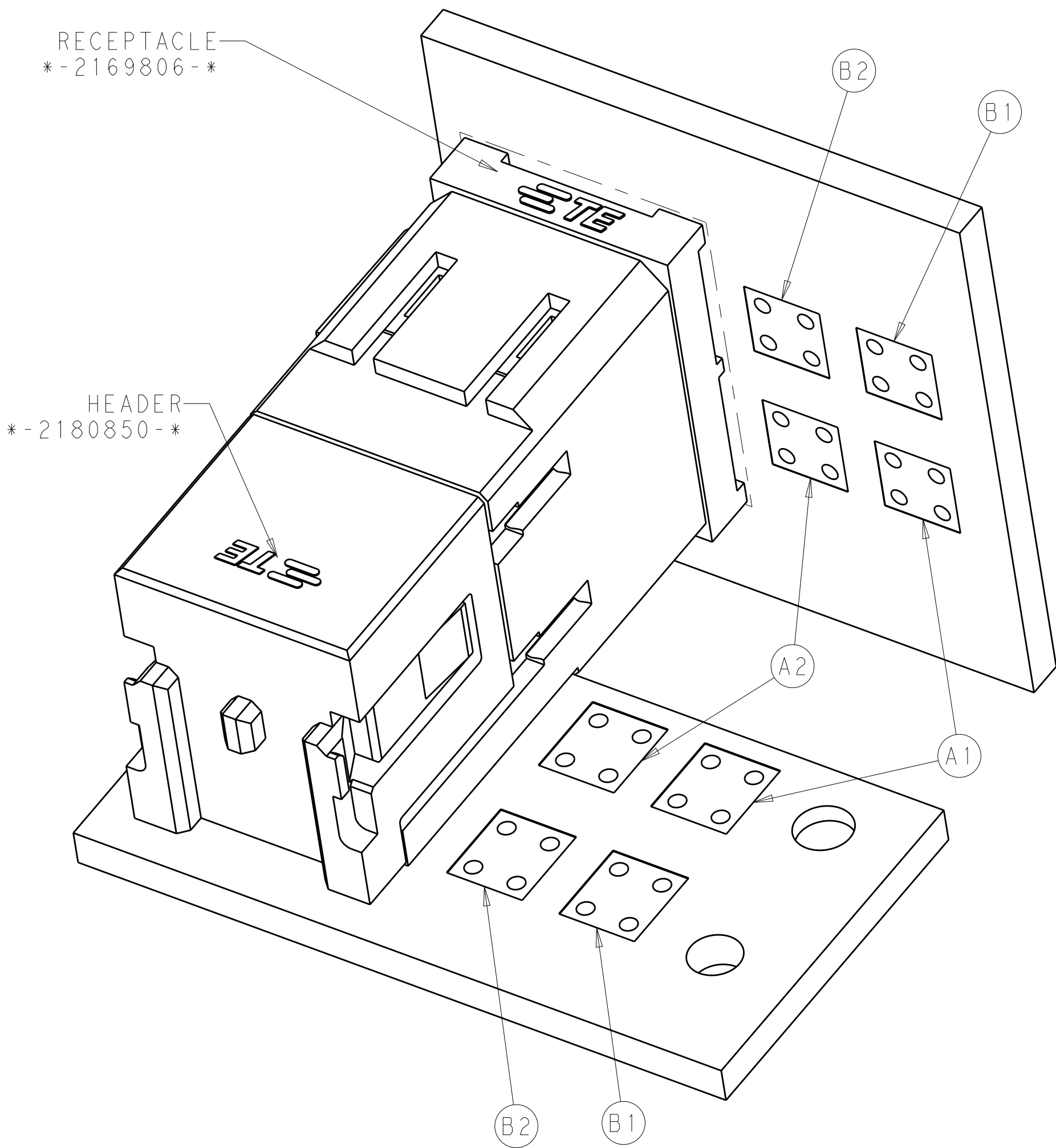
PCB LAYOUT HOLD DOWN LEFT
-2 POWER MODULE
(COMPONENT SIDE SHOWN)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: LERRY WANG 13FEB2012	TE Connectivity	
DIMENSIONS:		CHK: SUNY ZHAO 13FEB2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SUNY ZHAO 13FEB2012	NAME	
	0 PLC ±.00	PRODUCT SPEC	IMPACT POWER 3 PAIR R/A HEADER W/HOLD DOWN LEFT PRESS FIT	
	1 PLC ±.00	APPLICATION SPEC		
	2 PLC ±.00	114-32028	SIZE CAGE CODE DRAWING NO	
	3 PLC ±.00	114-32028		
	4 PLC ±.00	114-32028	RESTRICTED TO	
	ANGLES FINISH	114-32028		
MATERIAL		WEIGHT	A100779C=2180850	
			CUSTOMER DRAWING	
		SCALE	6:1	SHEET 3 OF 4
		REV	B	

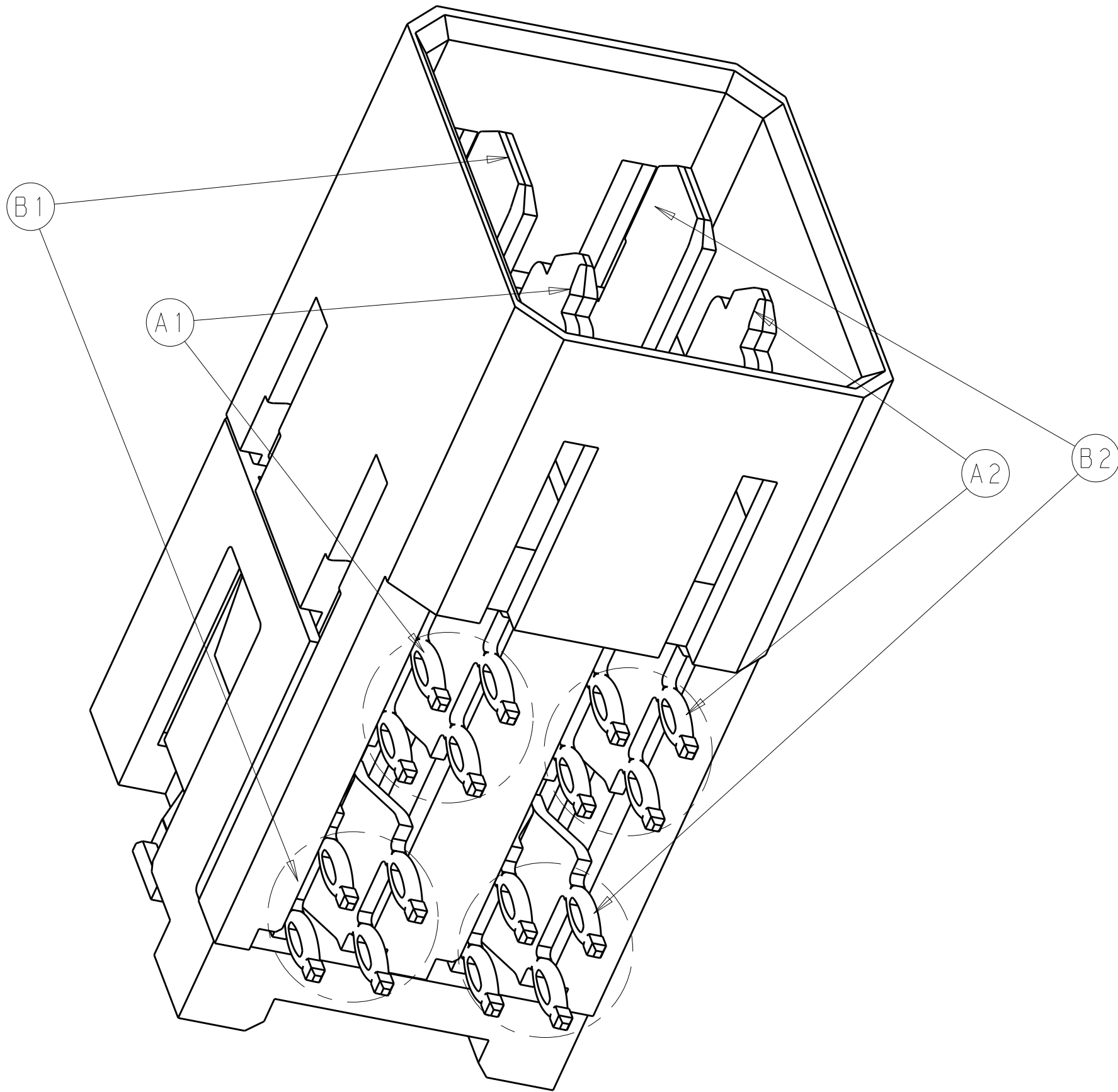
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



MATED SYSTEM OF *-2180850-* & *-2169806-*



1 POWER MODULE AND LEFT HOLD DOWN REMOVED
TO ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



PIN NUMBER ASSIGNMENT BASE ON HEADER SIDE:
A1,B1 ON THE LEFT.
A2,B2 ON THE RIGHT.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DAVID SHEN 14FEB2017	TE Connectivity	
DIMENSIONS:		CHK STEVEN YIN 14FEB2017		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD STEVEN YIN 14FEB2017	NAME	
	0 PLC ±.0	PRODUCT SPEC	IMPACT POWER 3 PAIR	
	1 PLC ±.0	APPLICATION SPEC	R/A HEADER W/HOLD DOWN LEFT	
	2 PLC ±0.25		PRESS FIT	
MATERIAL	ANGLES ±.0	114-32028	SIZE	RESTRICTED TO
-	FINISH	WEIGHT	A100779C=2180850	-
-		CUSTOMER DRAWING	SCALE 6:1	SHEET 4 OF 4 REV B