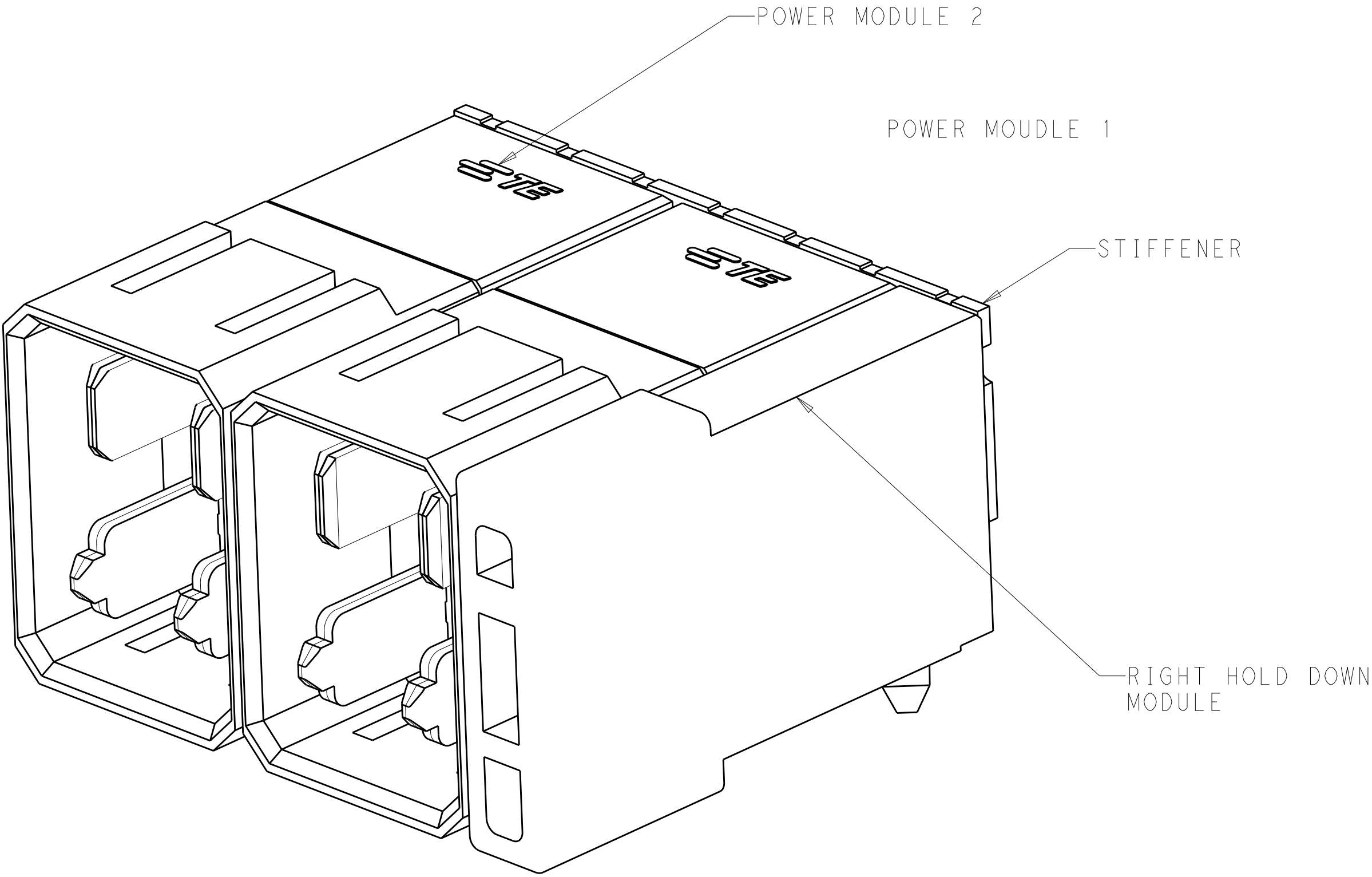


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	INITIAL RELEASE	25MAY2012	LW	AC
			A1	REV PER ECR-12-010636	19JUN2012	LW	AC



HEADER WITH RIGHT HOLD DOWN MODULE

NOTES:

① MATERIALS:
HOUSING:HIGH TEMP. THERMOPLASTIC GLASS/MINERAL FILLED UL94V-0
TERMINAL:COPPER ALLOY

② 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

③ 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-*

④ LASER MARK PART NUMBER AND DATE CODE (YYWWDS)
CAN BE AT THE OPPOSITE SIDE

⑤ ADD 11.40MM FOR EACH ADDITIONAL MODULE

8.REFER TO DOCUMENT NUMBER:2169802 FOR INDIVIDUAL
MODULE COMPONENT INFORMATION

⑥ FIRST POWER MODULE(1#) STARTS FROM THE RIGHT
⑦ DIMENSION P1&P2 FOR POWER MODULE 1, P3&P4 FOR POWER MODULE 2
⑧ COMPONENT STAY AWAY ZONE FROM CONNECTOR
⑨ 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	7-2180851-0
OBSOLETE			6.90	5.70	5.70	6.90	26.40	2X	6-2180851-9
OBSOLETE			6.90	5.70	5.70	5.70	26.40	2X	6-2180851-8
OBSOLETE			6.90	5.70	6.90	6.90	26.40	2X	6-2180851-7
OBSOLETE			5.70	6.90	6.90	5.70	26.40	2X	6-2180851-6
OBSOLETE			5.70	6.90	5.70	6.90	26.40	2X	6-2180851-5
OBSOLETE			5.70	6.90	5.70	5.70	26.40	2X	6-2180851-4
OBSOLETE			5.70	6.90	6.90	6.90	26.40	2X	6-2180851-3
OBSOLETE			5.70	5.70	6.90	5.70	26.40	2X	6-2180851-2
OBSOLETE			5.70	5.70	5.70	6.90	26.40	2X	6-2180851-1
OBSOLETE			5.70	5.70	6.90	6.90	26.40	2X	5-2180851-9
OBSOLETE			6.90	6.90	6.90	5.70	26.40	2X	5-2180851-8
OBSOLETE			6.90	6.90	5.70	6.90	26.40	2X	5-2180851-7
OBSOLETE			6.90	6.90	5.70	5.70	26.40	2X	5-2180851-6
OBSOLETE			6.90	6.90	6.90	6.90	26.40	2X	5-2180851-5
OBSOLETE			N/A	N/A	6.90	5.70	15.00	1X	5-2180851-4
OBSOLETE			N/A	N/A	5.70	6.90	15.00	1X	5-2180851-3
OBSOLETE			N/A	N/A	5.70	5.70	15.00	1X	5-2180851-2
OBSOLETE			N/A	N/A	6.90	6.90	15.00	1X	5-2180851-1
ACTIVE	TRAY	TIN	6.90	5.70	6.90	5.70	26.40	2X	2-2180851-0
ACTIVE			6.90	5.70	5.70	6.90	26.40	2X	1-2180851-9
ACTIVE			6.90	5.70	5.70	5.70	26.40	2X	1-2180851-8
ACTIVE			6.90	5.70	6.90	6.90	26.40	2X	1-2180851-7
ACTIVE			5.70	6.90	6.90	5.70	26.40	2X	1-2180851-6
ACTIVE			5.70	6.90	5.70	6.90	26.40	2X	1-2180851-5
ACTIVE			5.70	6.90	5.70	5.70	26.40	2X	1-2180851-4
ACTIVE			5.70	6.90	6.90	6.90	26.40	2X	1-2180851-3
ACTIVE			5.70	5.70	6.90	5.70	26.40	2X	1-2180851-2
ACTIVE			5.70	5.70	5.70	6.90	26.40	2X	1-2180851-1
ACTIVE			5.70	5.70	5.70	5.70	26.40	2X	1-2180851-0
ACTIVE			5.70	5.70	6.90	6.90	26.40	2X	2180851-9
ACTIVE			6.90	6.90	6.90	5.70	26.40	2X	2180851-8
ACTIVE			6.90	6.90	5.70	6.90	26.40	2X	2180851-7
ACTIVE			6.90	6.90	5.70	5.70	26.40	2X	2180851-6
ACTIVE			6.90	6.90	6.90	6.90	26.40	2X	2180851-5
ACTIVE			N/A	N/A	6.90	5.70	15.00	1X	2180851-4
ACTIVE			N/A	N/A	5.70	6.90	15.00	1X	2180851-3
ACTIVE			N/A	N/A	5.70	5.70	15.00	1X	2180851-2
ACTIVE			N/A	N/A	6.90	6.90	15.00	1X	2180851-1
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 14MAR2012
CHK: SUNY ZHAO 14MAR2012
APVD: SUNY ZHAO 14MAR2012

DIMENSIONS:
mm

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

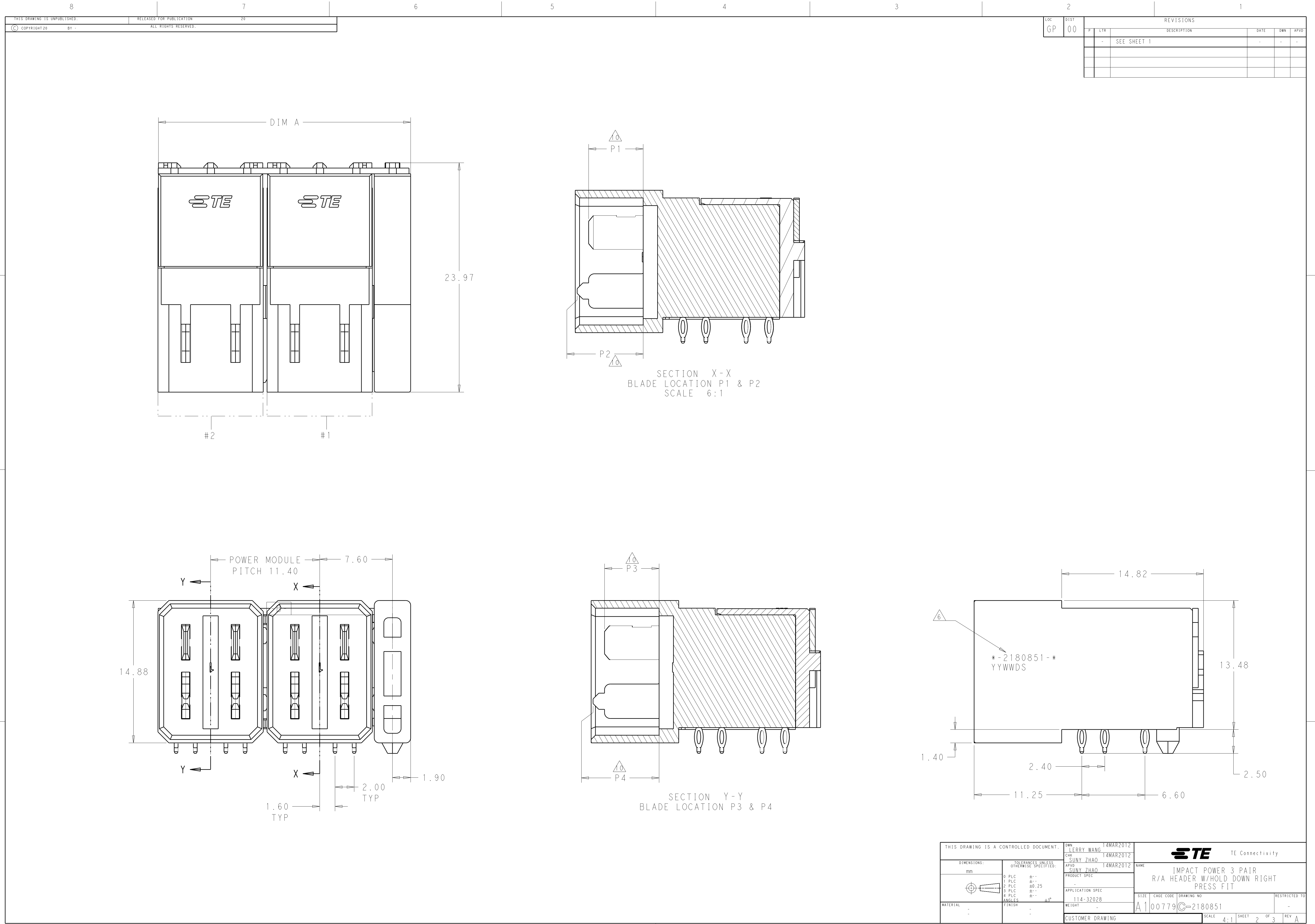
TOLERANCES UNLESS OTHERWISE SPECIFIED:
PRODUCT SPEC
APPLICATION SPEC
114-32028
WEIGHT

TE Connectivity

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

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2180851
CUSTOMER DRAWING

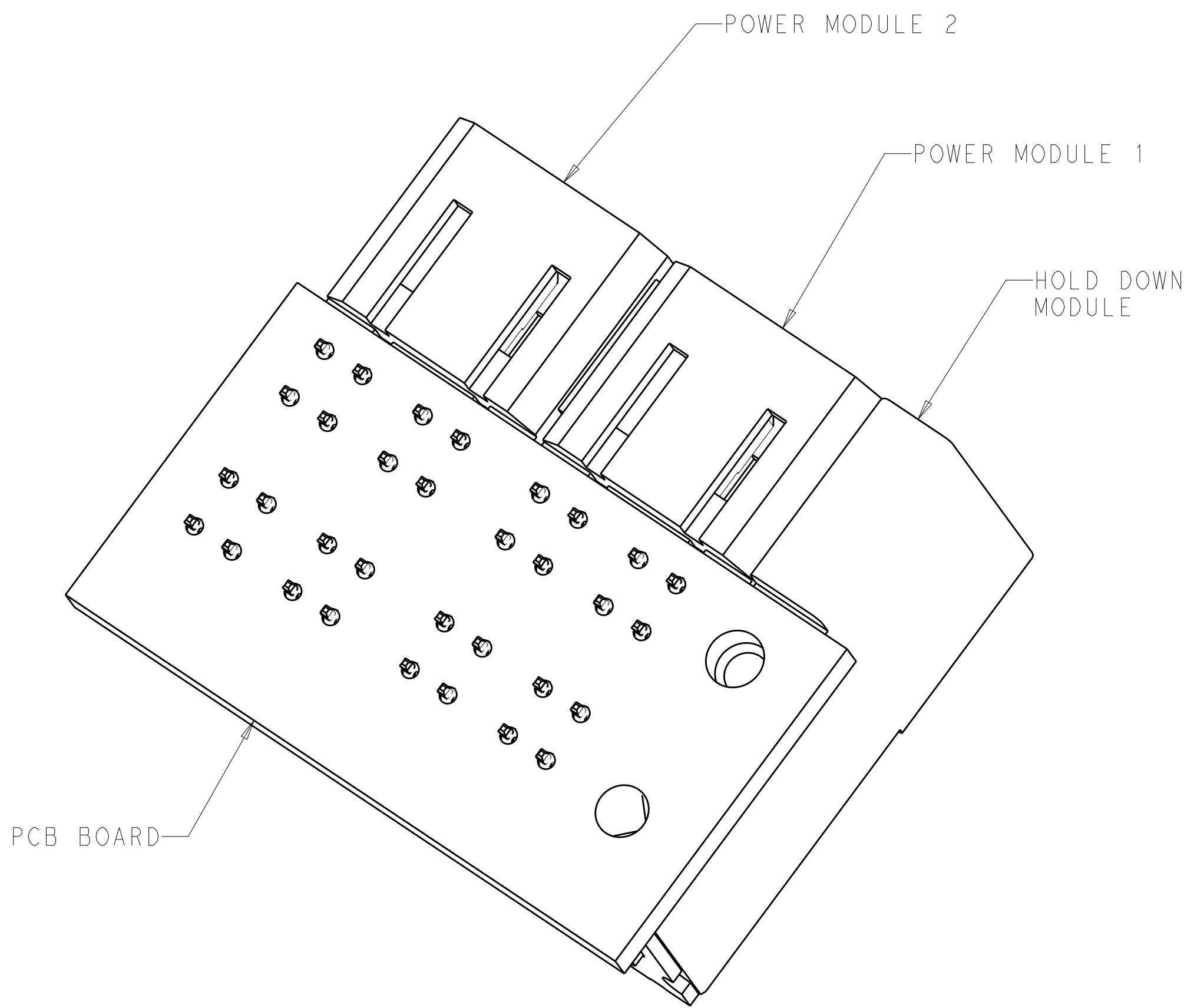
RESTRICTED TO: -
SCALE: 4:1 SHEET: 1 OF 3 REV: A1



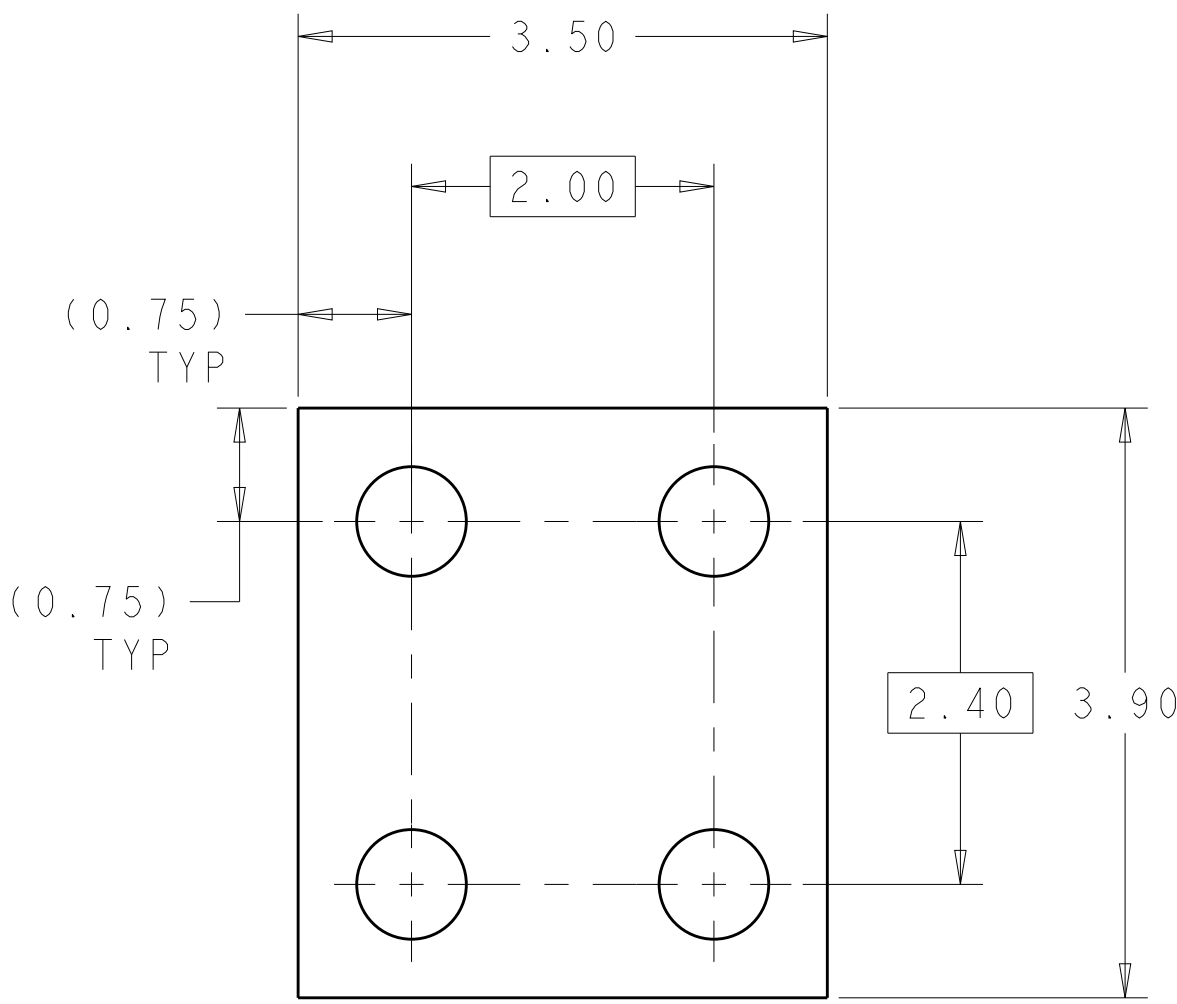
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
GP	00	-	-	SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: LERRY WANG 14MAR2012		 TE Connectivity			
DIMENSIONS:		CHK: SUNY ZHAO 14MAR2012					
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	IMPACT POWER 3 PAIR R/A HEADER W/HOLD DOWN RIGHT PRESS FIT		
		APVD: SUNY ZHAO 14MAR2012					
MATERIAL		PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		APPLICATION SPEC					
-	-	114-32028		A100779	C=	2180851	
-	-	FINISH					
		CUSTOMER DRAWING		SCALE		4:1	SHEET
						2	OF
						3	REV
						A	

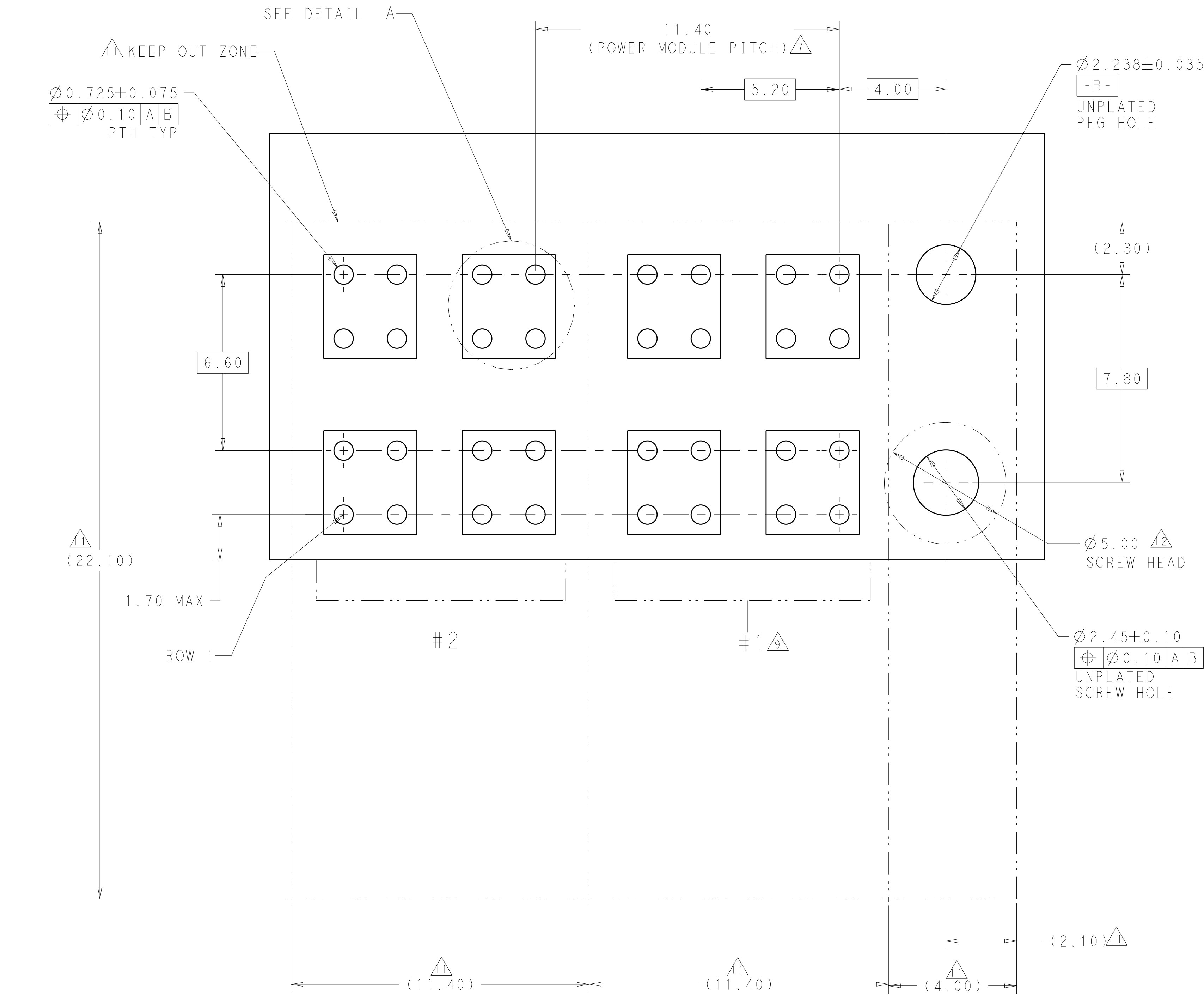
LOC		DIST		REVISIONS				
GP		00		P	LYR	DESCRIPTION		DATE
						SEE SHEET 1		



CONNECTOR WITH PCB BOARD



DETAIL A
COPPER PAD REFERENCE
SCALE 20:1



THICKNESS: 1.60 TO 4.40

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: LERRY WANG 14MAR2012	TE Connectivity	
DIMENSIONS: mm		CHK: SUNY ZHAO 14MAR2012		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SUNY ZHAO 14MAR2012	NAME	
0 PLC ±.00		PRODUCT SPEC	IMPACT POWER 3 PAIR	
1 PLC ±.00		APPLICATION SPEC	R/A HEADER W/HOLD DOWN RIGHT	
2 PLC ±.00		WEIGHT	PRESS FIT	
3 PLC ±.00		SCALE	4:1	
4 PLC ±.00		SHEET	3 OF 3	
ANGLES ±.00		REV	A	
FINISH		CUSTOMER DRAWING		