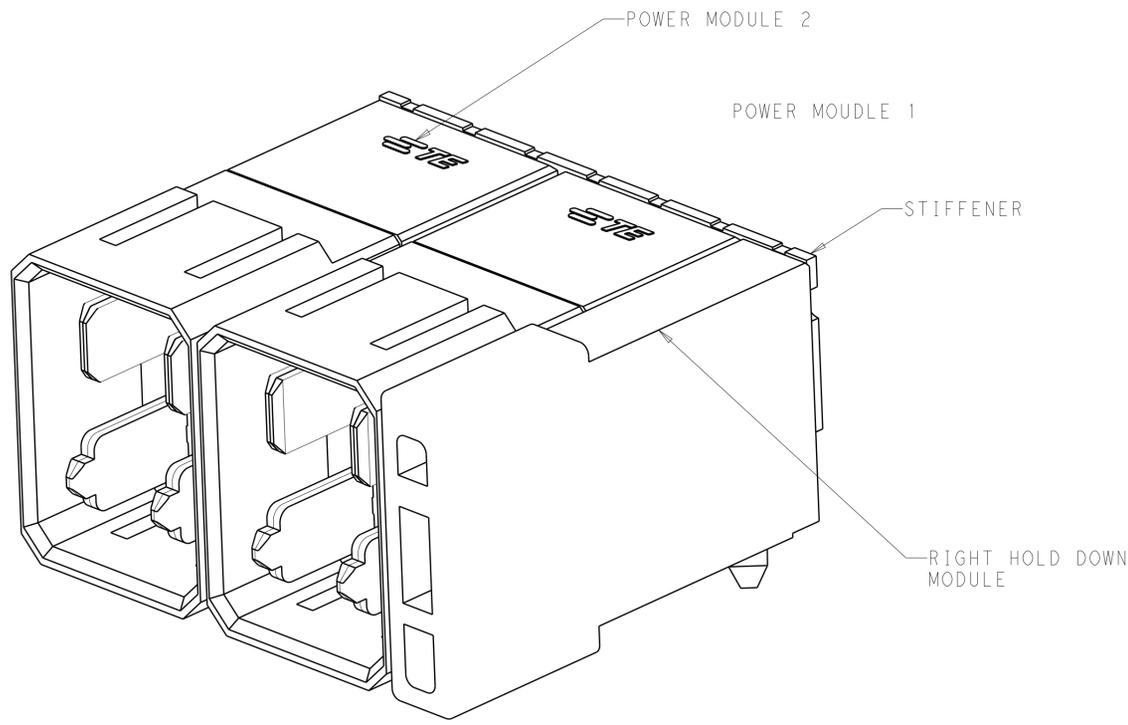


LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	25MAY2012	LW	AC
		A1		REV PER ECR-12-010636	19JUN2012	LW	AC



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

STATUS	PACKAGING	PLATING TYP	P4	P3	P2	P1	DIM A	NUMBER OF POWER MODULE	PART NUMBER
OBSOLETE			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	TRAY	TIN-LEAD	5.70	5.70	5.70	6.90	26.40	2X	6-2180851-1
OBSOLETE			5.70	5.70	5.70	5.70	26.40	2X	6-2180851-0
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			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	TRAY	TIN	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

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: LERRY WANG 14MAR2012  
 CHK: SUNY ZHAO 14MAR2012  
 APVD: SUNY ZHAO 14MAR2012

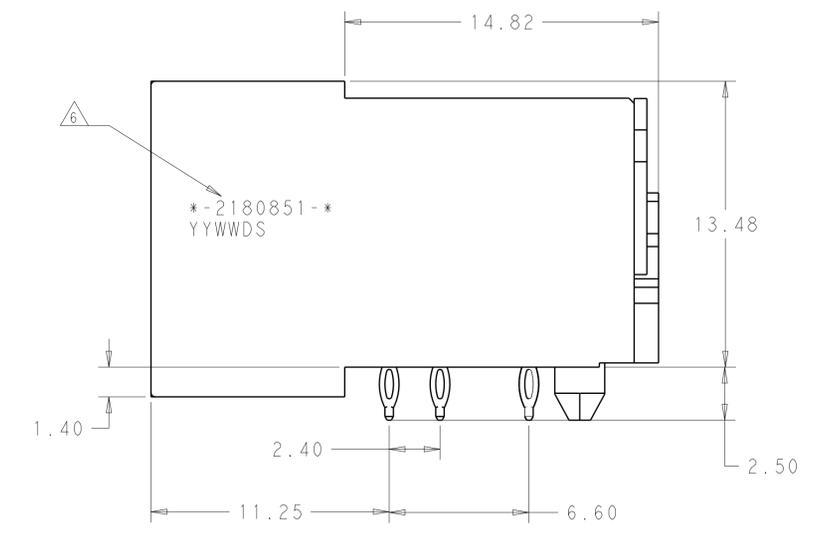
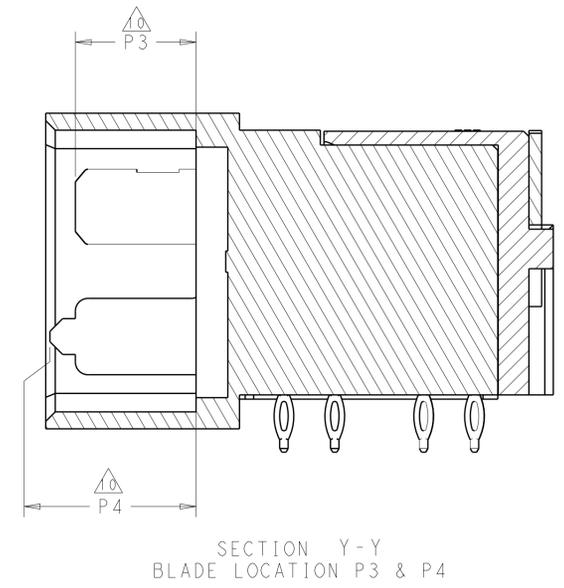
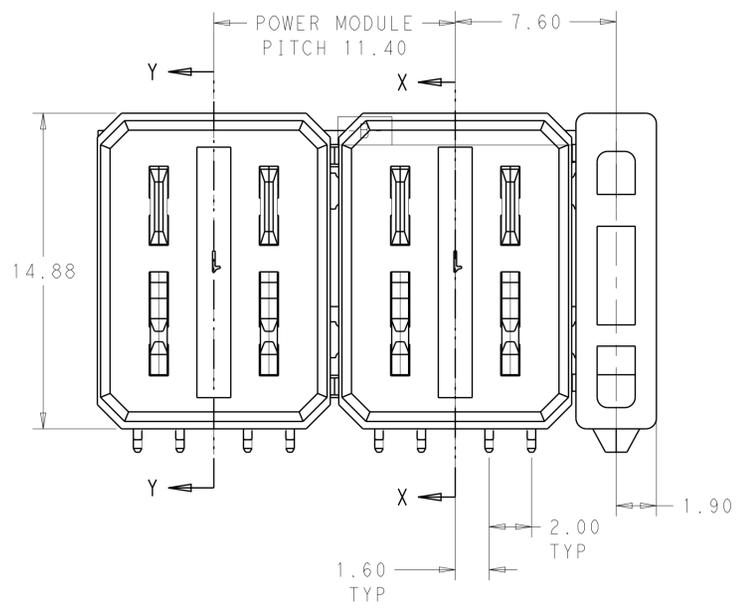
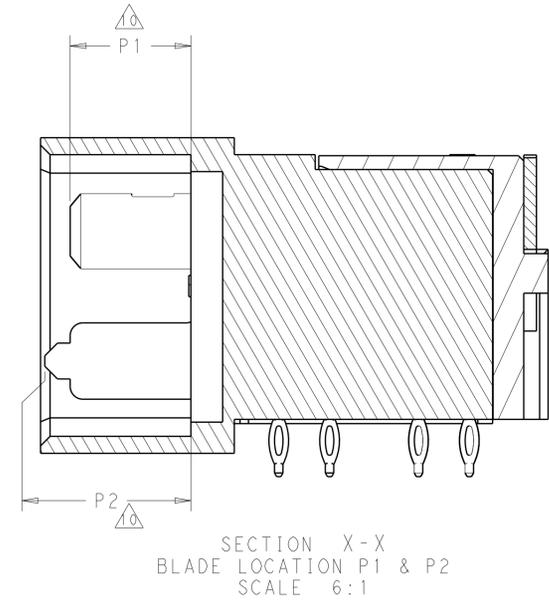
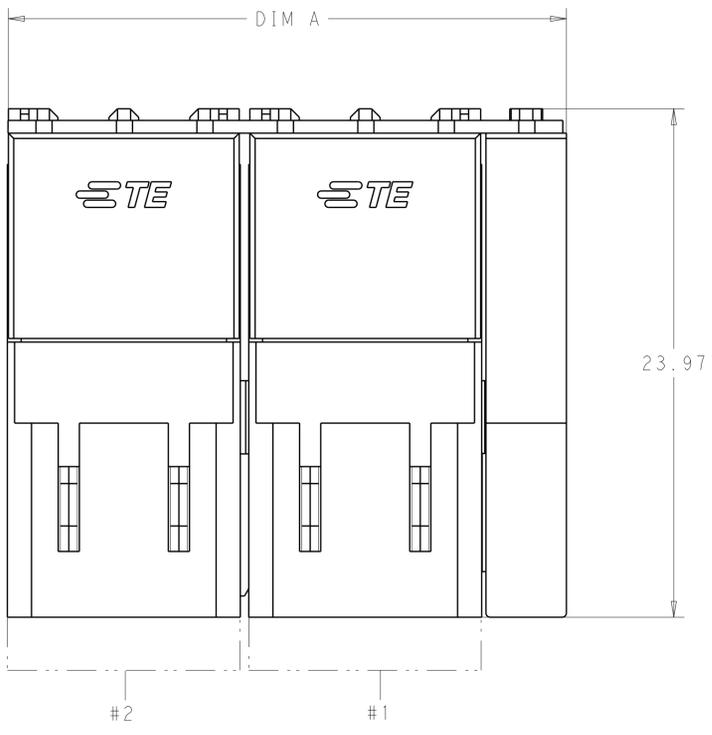
TE Connectivity

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

SIZE: A1 CAGE CODE: 2180851 DRAWING NO: 114-32028  
 WEIGHT: -  
 CUSTOMER DRAWING

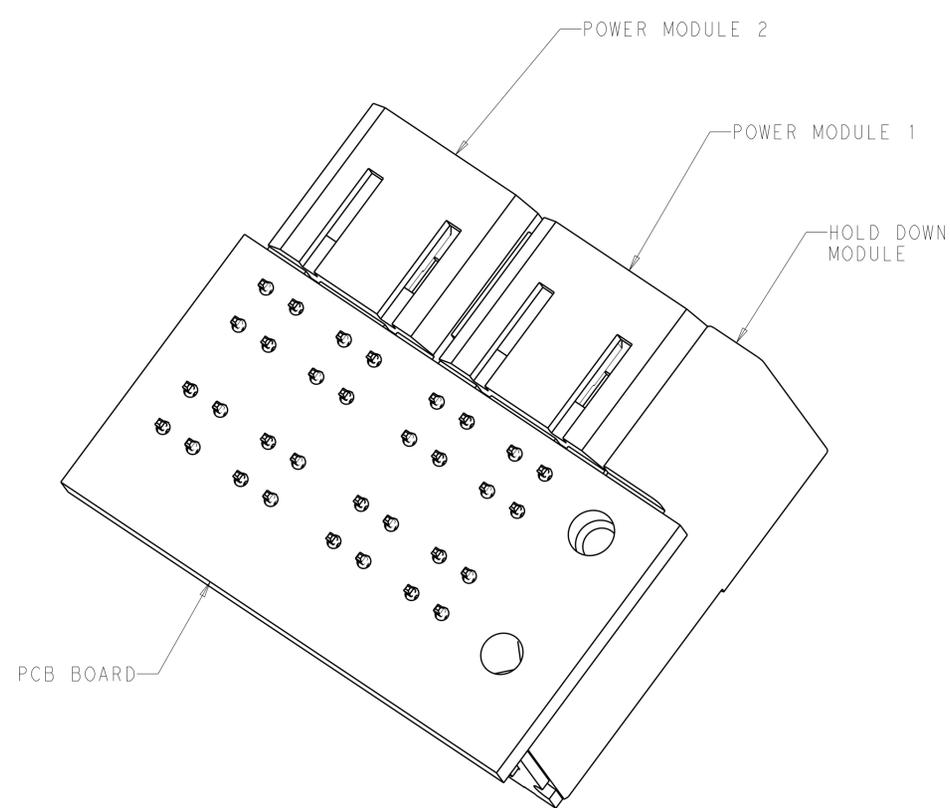
SCALE: 4:1 SHEET 1 OF 3 REV: A1

LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
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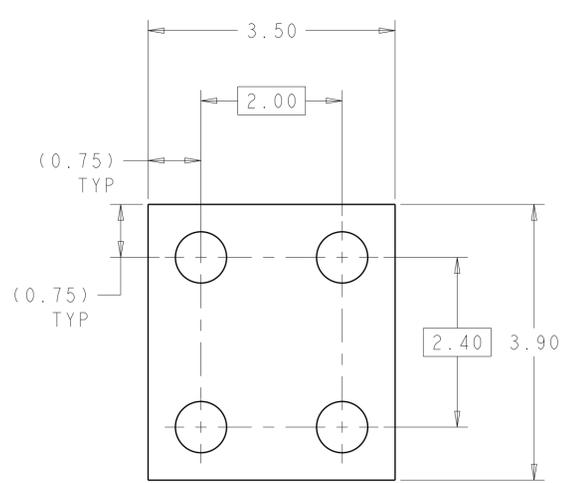
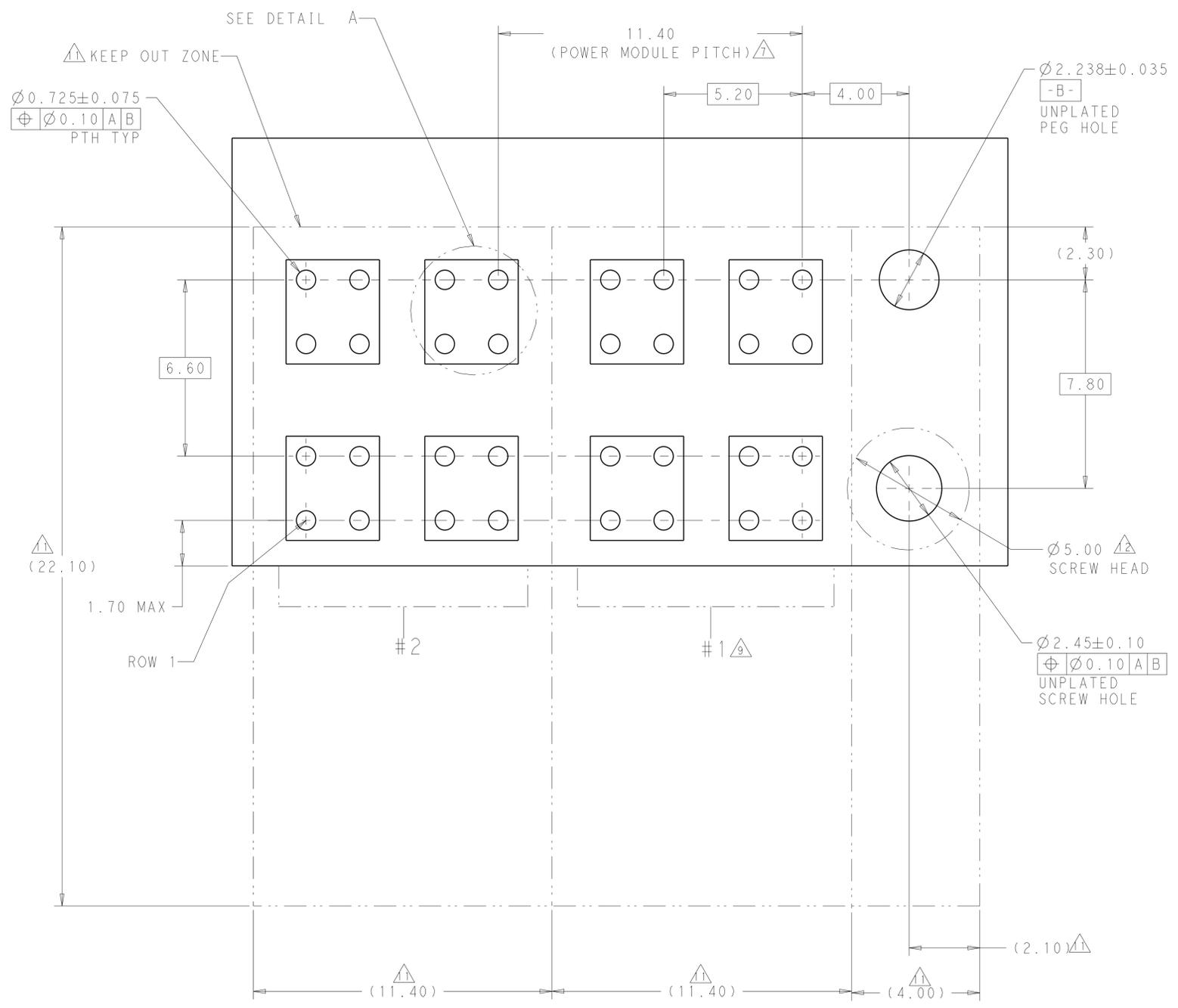


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN LERRY WANG 14MAR2012	TE Connectivity
DIMENSIONS: mm		CHK SUNY ZHAO 14MAR2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SUNY ZHAO 14MAR2012	NAME
0 PLC ±.2	1 PLC ±.25	PRODUCT SPEC	IMPACT POWER 3 PAIR
2 PLC ±.25	3 PLC ±.25	APPLICATION SPEC	R/A HEADER W/HOLD DOWN RIGHT
4 PLC ±.25	ANGLES ±.5°	114-32028	PRESS FIT
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO
			A100779C=2180851
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 3
		REV A	

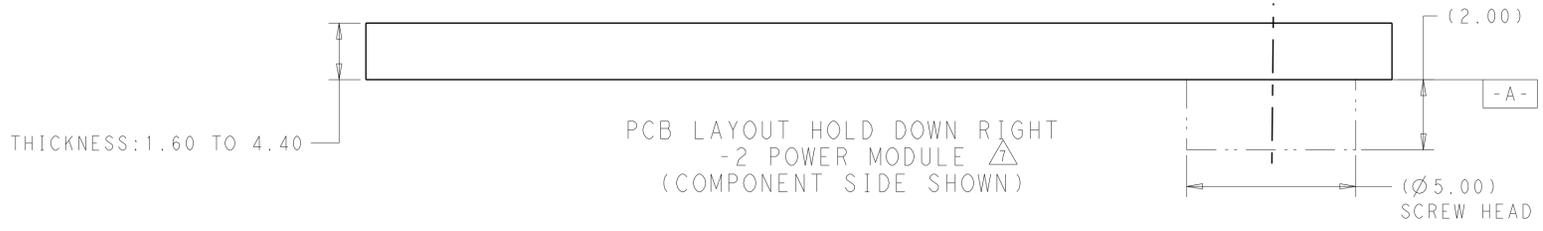
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
-	-	SEE SHEET 1	-	-	-



CONNECTOR WITH PCB BOARD



DETAIL A  
 COPPER PAD REFERENCE  
 SCALE 20:1



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: LERRY WANG 14MAR2012	TE Connectivity
DIMENSIONS: mm		CHK: SUNY ZHAO 14MAR2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SUNY ZHAO 14MAR2012	NAME: IMPACT POWER 3 PAIR R/A HEADER W/HOLD DOWN RIGHT PRESS FIT
0 PLC ±.25 1 PLC ±.25 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±.25		PRODUCT SPEC	SIZE: 114-32028
MATERIAL: FINISH:		APPLICATION SPEC	RESTRICTED TO:
WEIGHT:		WEIGHT:	A100779C=2180851
CUSTOMER DRAWING		SCALE: 4:1	SHEET 3 OF 3 REV A