

TABLE 1 : UNITIZED CONNECTOR WITH HOLD DOWN MODULE 

PART NUMBER	NUMBER OF POWER MODULES	*DIM A*	PLATING OPTION	HOLD DOWN MODULE LOCATION
78229-100*	1X	10.90	TIN	LEFT (REFER TO SHEET 2 FOR DETAILS)
78229-10**	2X	18.30		RIGHT (REFER TO SHEET 3 FOR DETAILS)
78229-200*	1X	10.90		
78229-20**	2X	18.30		

PART NUMBER LEGEND: 78229-*0**

PLATING OPTION	HOLD DOWN MODULE LOCATION	*
TIN	LEFT	1
	RIGHT	2

POWER MODULE 2		
*	BLADE LENGTH	
	P1	P2
0	MODULE NOT PRESENT	
1	8.27	8.27
2	8.27	9.77
3	6.77	9.77

POWER MODULE 1		
*	BLADE LENGTH	
	P1	P2
1	8.27	8.27
2	8.27	9.77
3	6.77	9.77

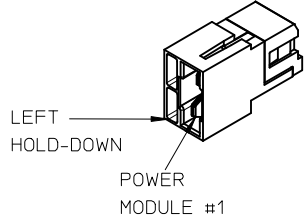
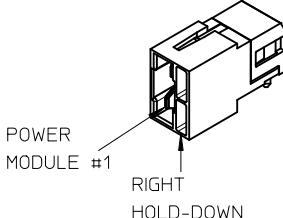
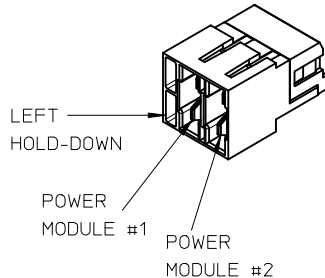
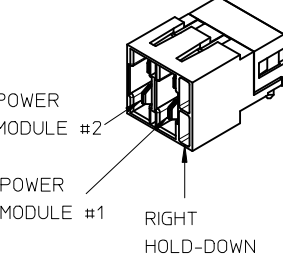
NOTES

1. MATERIALS :
HOUSING - HIGH TEMP. THERMOPLASTIC, GLASS FILLED, UL94-V0,COLOR:BLACK.
POWER PIN - COPPER ALLOY
2. FINISHES :
POWER CONTACTS
0.76µm MINIMUM GOLD AT CONTACT AREA AND
2.54µm MINIMUM TIN AT SOLDER TAIL AREA OVER
1.27µm MINIMUM NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-78231-006.

-  COMPONENT STAY AWAY ZONE FROM CONNECTOR.
-  PCB NOTE FOR PLATED HOLE.

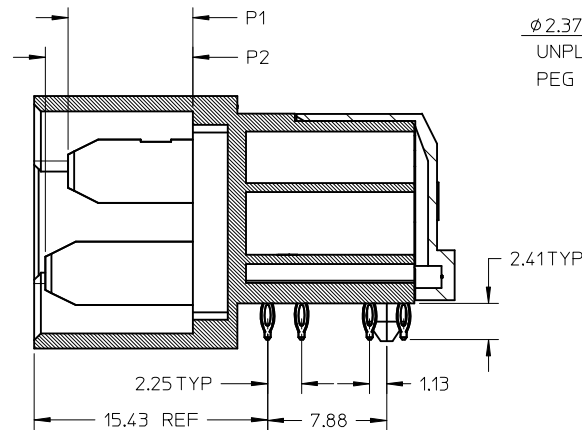
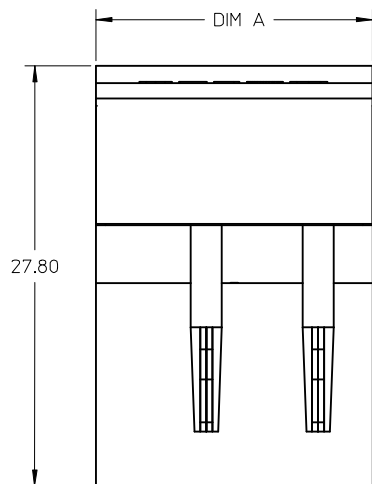
TYPE OF PLATED HOLE	DRILLED HOLE SIZE	PLATING THICKNESS	PLATED HOLE SIZE *ØDIM H*
TIN/TIN-LEAD	0.838	0.007 MIN TIN/TIN-LEAD/SILVER OVER 0.03 TO 0.08 COPPER PLATING	0.725±0.075
SILVER	0.863		0.750±0.050

6. MATES WITH 78227-1*** and 78230-****.
-  PART NUMBER AND YEAR-DAY CODE CAN BE ON EITHER SIDE OF WALL
-  ADD 7.40mm FOR EACH ADDITIONAL MODULE.
-  THE DETAILS FOR LEFT HOLD DOWN OPTION SHOWN ON SHEET2 AND RIGHT HOLD DOWN OPTION SHOWN ON SHEET 3.
10. CONNECTORS ARE PACKED IN A TRAY.
11. MODULE LOCATION IS FROM NEXT TO HOLD DOWN MODULE WITH STARTING MODULE AS *#1*.
12. BOTTOM AND TOP CIRCUITS ARE INDICATED AS "CKT A" AND "CKT B".
13. ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING SCREW PART NUMBER 73726-0005.
14. PACKAGING PROCEDURE AS PER PK-78229-001.

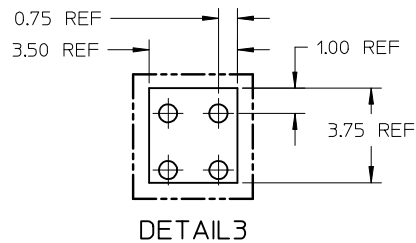
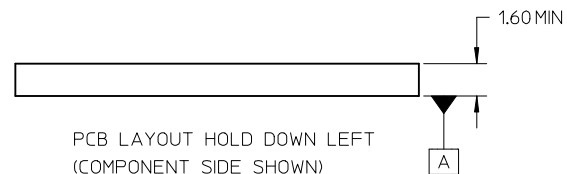
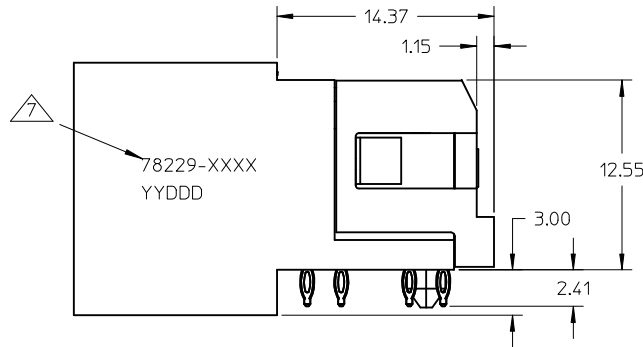
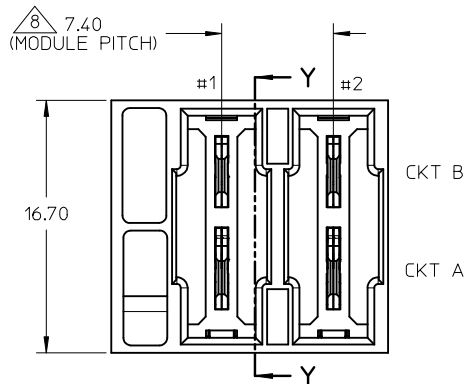
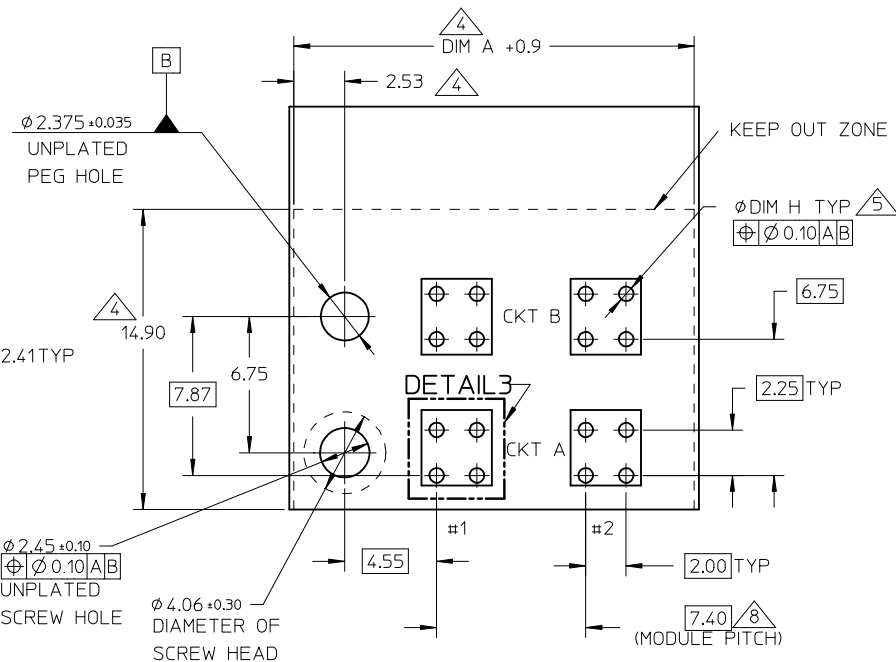
	POWER WITH LEFT HOLD DOWN	POWER WITH RIGHT HOLD DOWN
1 POWER	 LEFT HOLD-DOWN POWER MODULE #1 1 POWER WITH LEFT HOLD DOWN 	 POWER MODULE #1 RIGHT HOLD-DOWN 1 POWER WITH RIGHT HOLD DOWN 
2 POWER	 LEFT HOLD-DOWN POWER MODULE #1 POWER MODULE #2 2 POWER WITH LEFT HOLD DOWN 	 POWER MODULE #2 POWER MODULE #1 RIGHT HOLD-DOWN 2 POWER WITH RIGHT HOLD DOWN 

INITIAL RELEASE EC NO: S2012-0455 2011/12/02 DRWN:SHONG CHKD:LNG 2011/12/27 APPR:MAGESHKN 2012/01/17	DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY LKCHEW	DATE 2011/11/04	TITLE I-TRAC POWER ,7 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A					
			4 PLACES	± ---	± ---	CHECKED BY LNG	DATE						
			3 PLACES	± ---	± ---	APPROVED BY SHONG		DATE 2011/11/29	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---								
1 PLACE	± ---	± ---	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.					
B	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-78229-003			1 OF 3		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

LEFT HOLD DOWN OPTION



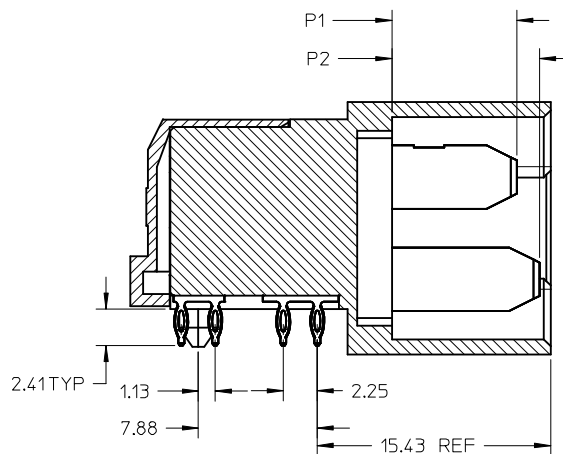
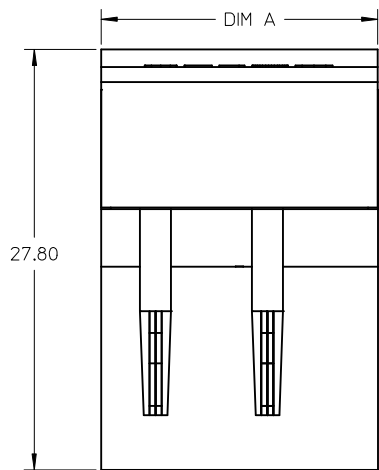
SECTION Y-Y



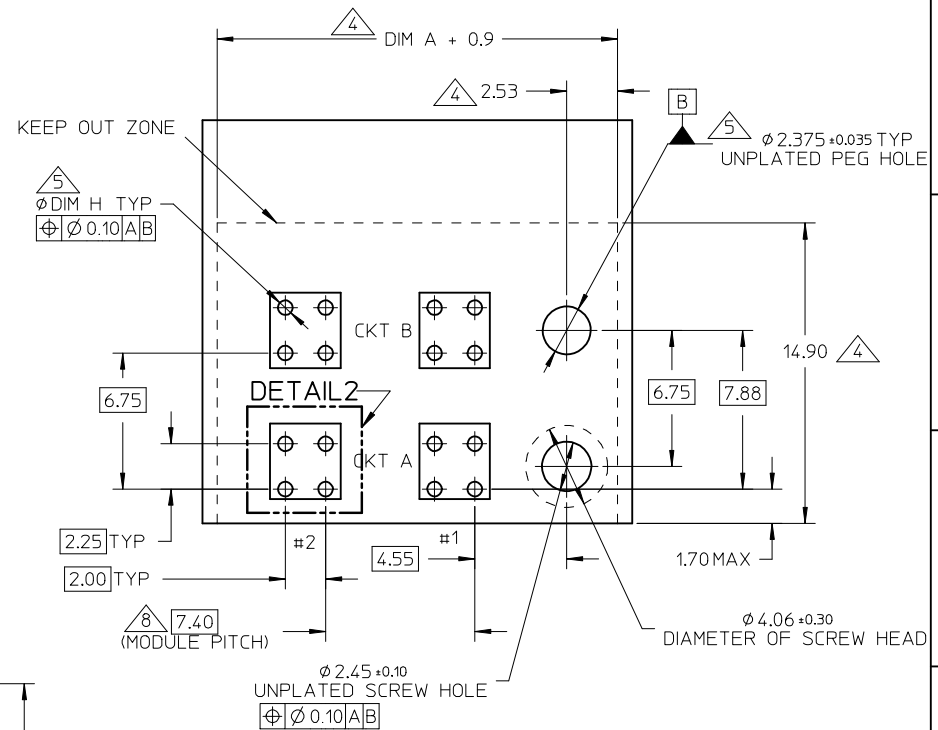
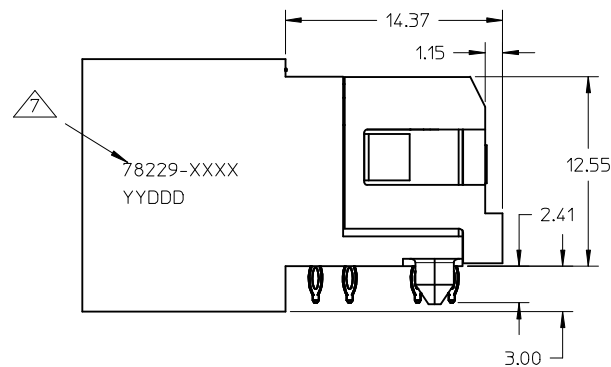
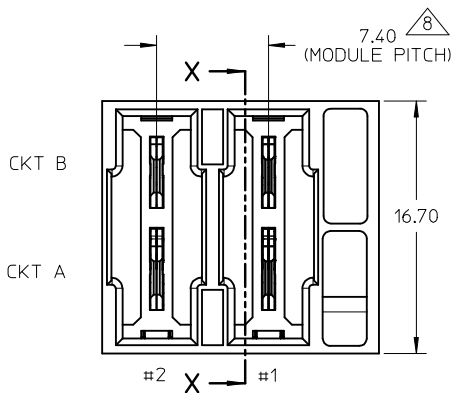
COPPER PAD REFERENCE

INITIAL RELEASE EC NO: S2012-0455 DRWN: SHONG CHKD: LNG APPR: NAGESHKN 2011/12/02 2011/12/27 2012/01/17			QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
DESCRIPTION	REV			mm	INCH	DRAWN BY LKCHEW	DATE 2011/11/04	TITLE I-TRAC POWER ,7 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A			
		4 PLACES		± ---	± ---	CHECKED BY LNG	DATE 2011/11/29				
		3 PLACES		± ---	± ---	APPROVED BY S4001KN	DATE 2011/11/29	MOLEX INCORPORATED			
		2 PLACES		± 0.25	± ---	MATERIAL NO. SEE TABLE					
		1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

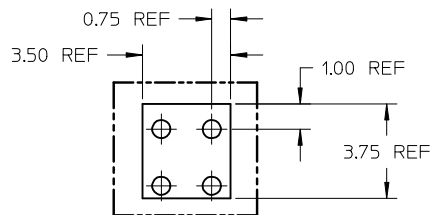
RIGHT HOLD DOWN OPTION



SECTION X-X



PCB LAYOUT HOLD DOWN LEFT
(COMPONENT SIDE SHOWN)



DETAIL2
COPPER PAD REFERENCE

INITIAL RELEASE
EC NO: S2012-0455
DRAWN: SHONG
CHKD: LNG
APPR: NAGESHKN
2011/12/02
2011/12/27
2012/01/17

QUALITY SYMBOLS
▽=0
C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

	DIMENSION STYLE	
	MM ONLY	
	DRAWN BY	DATE
	LKCHEW	2011/11/04
	CHECKED BY	DATE
	LNG	
	APPROVED BY	DATE
	SHONGKN	2011/11/29
	MATERIAL NO.	
	SEE TABLE	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
A3		

THIRD ANGLE PROJECTION	SHEET NO.
	3 OF 3