



To: All Molex Sales and Marketing  
From: Richard Bahou, Global Product Manager  
Re: I-Trac Right Angle Plug Product Improvements  
  
Date: March 5, 2012  
  
Series: 78229, 78234, 78684

---

I-TRAC Power Modules			
Description	Product Series		
Row Size	7	11	15
RA Plug Header	78229	78234	78684

### What's changing?

Improved right angle plug power module product design results in single piece unitized housing combining both power module and PC board retention device.

### Product Overview

The I-Trac product line consists of several power module variations, used with the 7, 11, and 15 row I-Trac signal modules.

### Product Improvement

Aligned with company continues improvement policy, Molex enhanced connector product design improves application performance, manufacturing process, and tray design.

1. The new enhanced power module connector will result in a single piece unitized design combining both the power module and PC board retention.
2. The older generation (existing) power module design includes power module and board retention components assembled together via metal stiffener.
3. Product design changes will not affect Printed Circuit Board layout design.
4. Product performance and specification will remain unchanged.
5. Packaging redesigned to strengthen tray and accommodate single and dual power module.

### PN and Product Series

- Molex will maintain same PNs and product series for both 7 and 11 row.
  - Series 78229 (7 row) and 78234 (11 row) will maintain same PN.
- Molex will change PN series for 15 row to 78684 and obsolete series 78239.

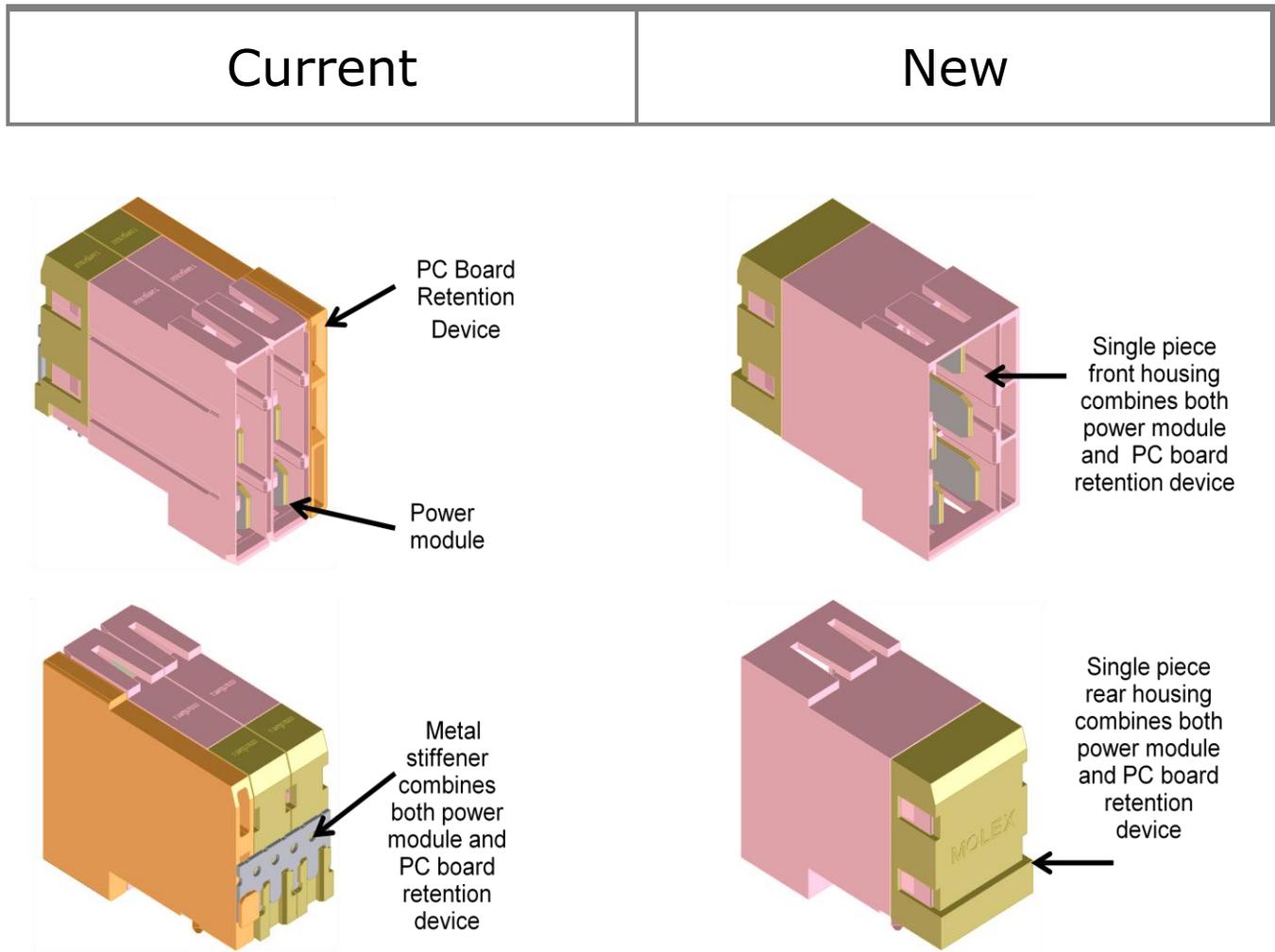
The product changes will be a running change for customer shipments commencing May 2012.

Figure 1 summarizes product design changes

Figure 2 summarizes PN changes

Figure 3 summarizes Tray Packaging Changes

**Figure 1**  
**Right Angle Plug Design Improvements**



**Figure 2**  
**Right Angle Plug PN Changes**

Existing PN	PCB Retention Location	Number of Power Modules	New PN	PCB Retention Location	Number of Power Modules	Plating
78239-1005	Left	1	78684-1005	Left	1	Tin
78239-1055	Left	2	78684-1055	Left	2	
78239-2005	Right	1	78684-2005	Right	1	
78239-2055	Right	2	78684-2055	Right	2	

**Figure 3**  
**Right Angle Plug Tray Changes**

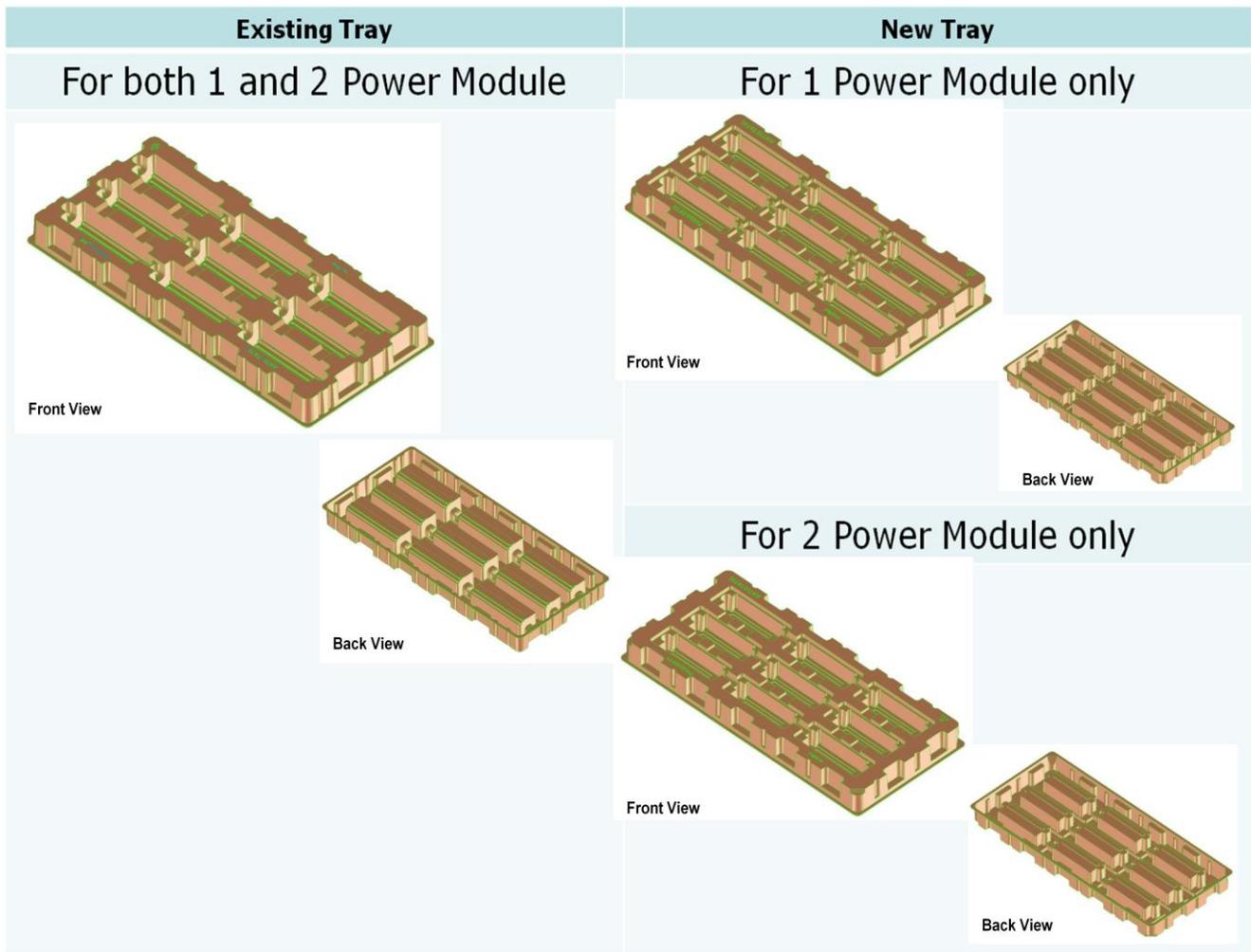


TABLE 1 : UNITIZED CONNECTOR WITH HOLD DOWN MODULE 

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		LEFT (REFER TO SHEET 2 FOR DETAILS)
78229-20**	2X	18.30		RIGHT (REFER TO SHEET 3 FOR DETAILS)

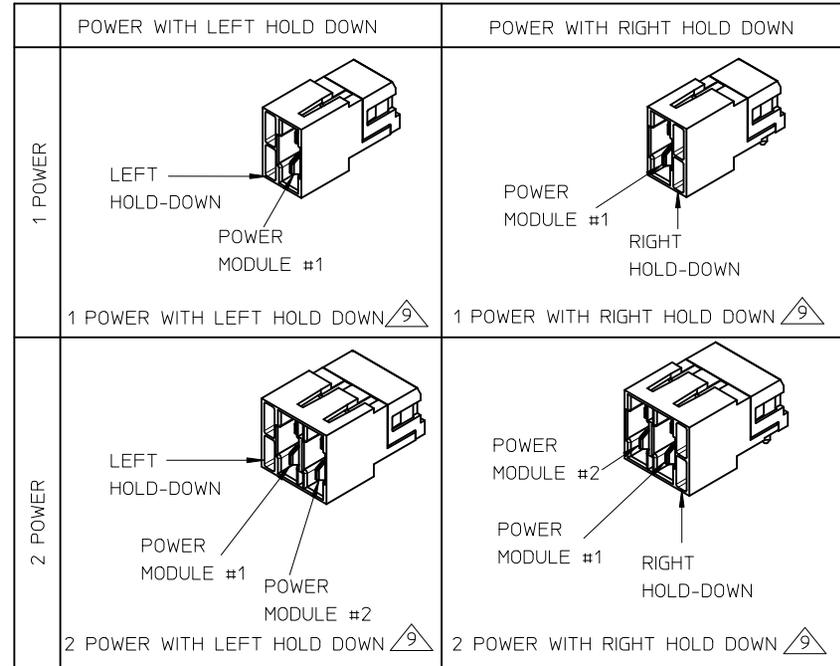
PART NUMBER LEGEND: 78229-\*0\*\*

PLATING OPTION	HOLD DOWN MODULE LOCATION	*	POWER MODULE 2		POWER MODULE 1			
			BLADE LENGTH		BLADE LENGTH			
			P1	P2	P1	P2		
TIN	LEFT	1	MODULE NOT PRESENT		1	8.27	8.27	
	RIGHT	2	1	8.27	8.27	2	8.27	9.77
			2	8.27	9.77	3	6.77	9.77

- NOTES
- MATERIALS :  
HOUSING - HIGH TEMP. THERMOPLASTIC, GLASS FILLED, UL94-V0,COLOR:BLACK.  
POWER PIN - COPPER ALLOY
  - 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.
  - PRODUCT SPECIFICATION: PS-78231-006.
  -  COMPONENT STAY AWAY ZONE FROM CONNECTOR.
  -  PCB NOTE FOR PLATED HOLE.

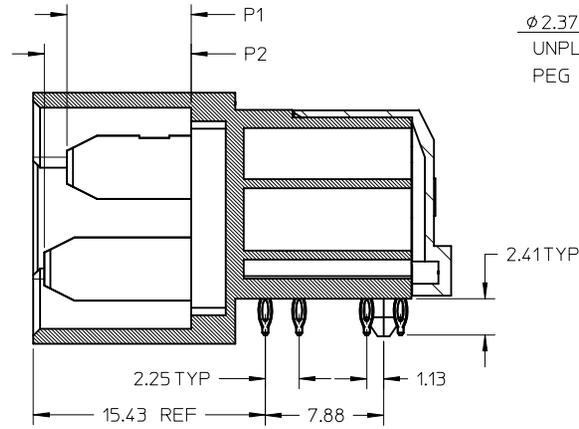
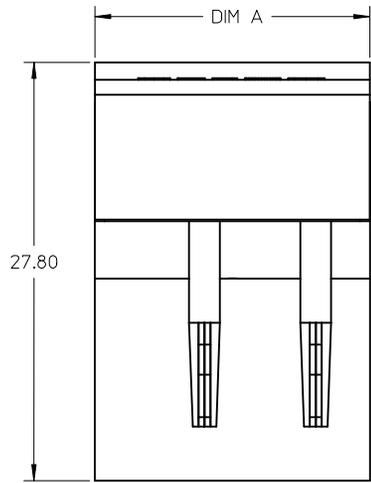
TYPE OF PLATED HOLE	DRILLED HOLE SIZE	PLATING THICKNESS	PLATED HOLE SIZE *ØDIM H*
TIN/TIN-LEAD	0.838	0.007 MIN TIN/TIN-LEAD/SILVER	0.725±0.075
SILVER	0.863	OVER 0.03 TO 0.08 COPPER PLATING	0.750±0.050

- 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 SHEET 2 AND RIGHT HOLD DOWN OPTION SHOWN ON SHEET 3.
- CONNECTORS ARE PACKED IN A TRAY.
- MODULE LOCATION IS FROM NEXT TO HOLD DOWN MODULE WITH STARTING MODULE AS \*#1\*.
- BOTTOM AND TOP CIRCUITS ARE INDICATED AS \*CKT A\* AND \*CKT B\*.
- ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING SCREW PART NUMBER 73726-0005.
- PACKAGING PROCEDURE AS PER PK-78229-001.

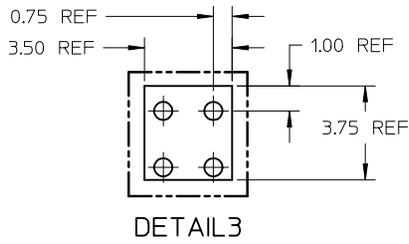
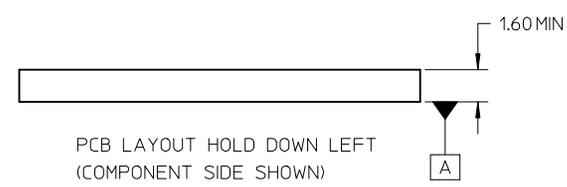
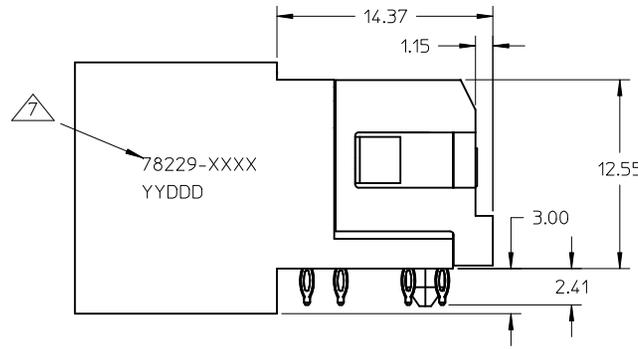
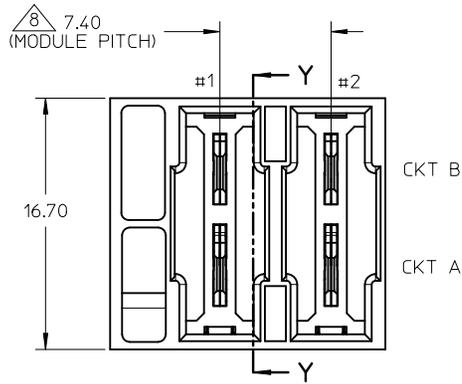
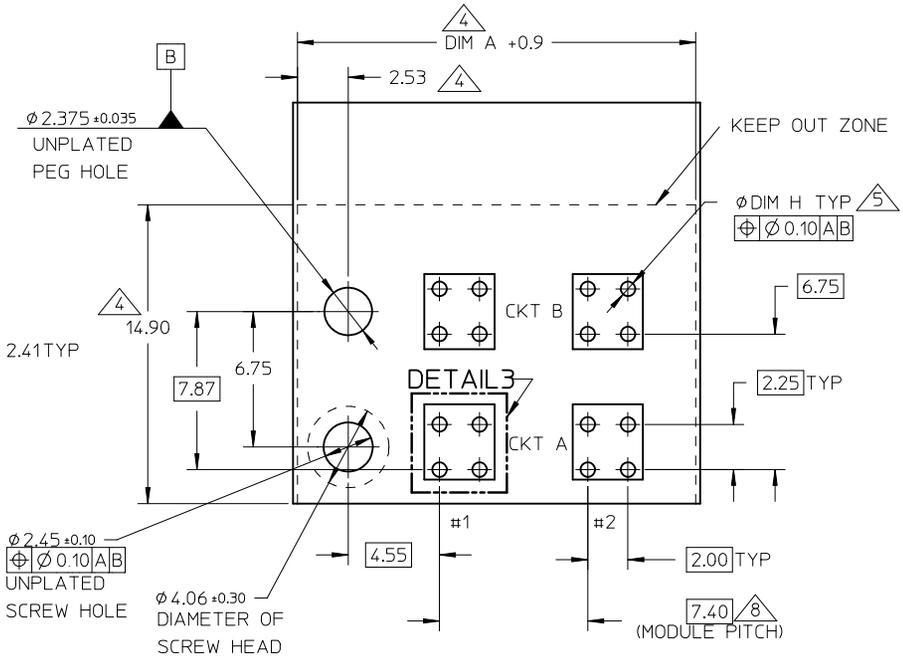


INITIAL RELEASE EC NO: S2012-0455 DRWN: SHONG CHKD: LNG APPR: NAGESHKIN 2011/12/02 2011/12/27 2012/01/17	DESCRIPTION QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY		NTS		METRIC			
				ANGULAR ± 3 °		DRAWN BY DATE		TITLE		I-TRAC POWER ,7 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A MOLEX INCORPORATED	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		LKCHEW 2011/11/04		SD-78229-003			
				CHECKED BY DATE		DOCUMENT NO.					
				APPROVED BY DATE		MOLEX					
				MATERIAL NO.		SD-78229-003					
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

LEFT HOLD DOWN OPTION



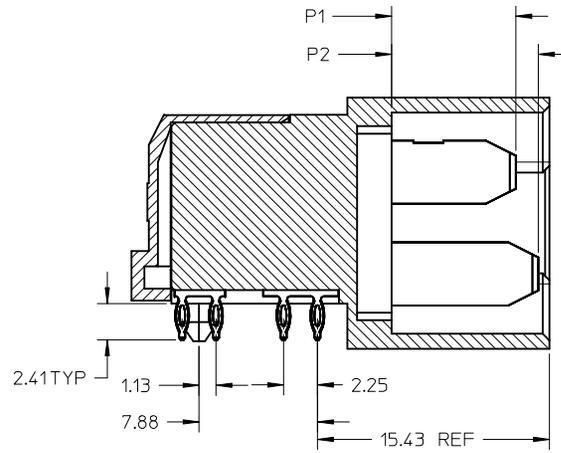
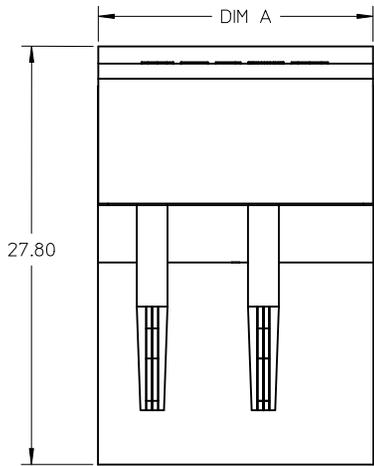
SECTION Y-Y



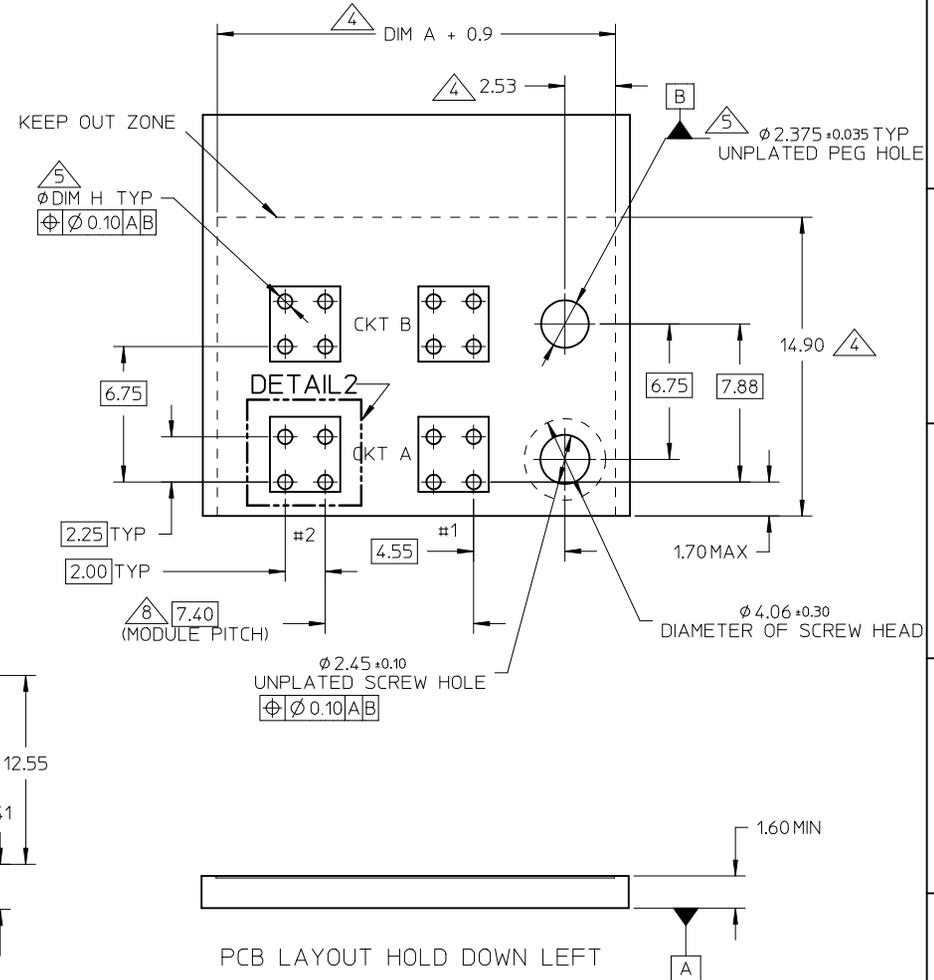
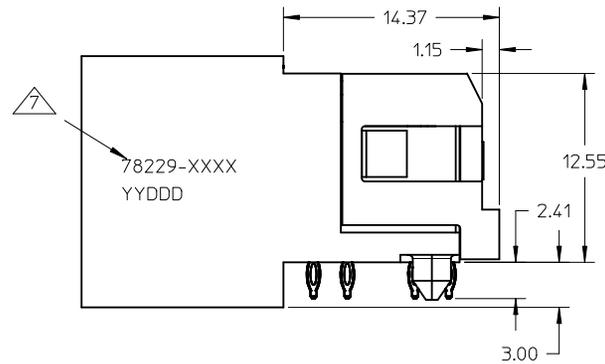
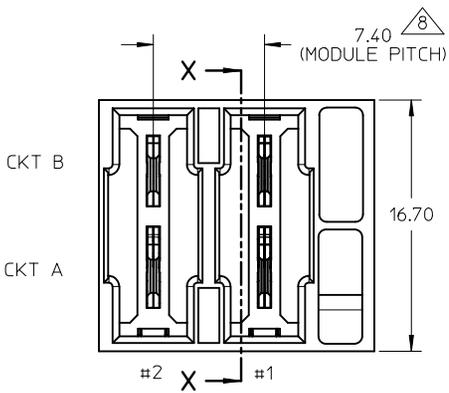
COPPER PAD REFERENCE

INITIAL RELEASE EC NO: S2012-0455 DRWN: SHONG CHKD: LNG APPR: NAGESHKIN 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			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY LKCHEW	DATE 2011/11/04	TITLE I-TRAC POWER ,7 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A					
		2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	CHECKED BY LNG	DATE	MOLEX INCORPORATED					
		ANGULAR ± 3 °		APPROVED BY SACHIN	DATE 2011/11/29	SEE TABLE		DOCUMENT NO. SD-78229-003	SHEET NO. 2 OF 3		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

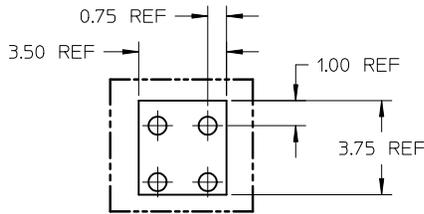
RIGHT HOLD DOWN OPTION



SECTION X-X



PCB LAYOUT HOLD DOWN LEFT  
(COMPONENT SIDE SHOWN)



DETAIL 2  
COPPER PAD REFERENCE

INITIAL RELEASE EC NO: S2012-0455 DRWN: SHONG CHKD: LNG APPR: NAGESHKIN	2011/12/02	DESCRIPTION	QUALITY SYMBOLS
	2011/12/27		▽=0
2012/01/17		◻=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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		NTS	METRIC	
DRAWN BY	DATE	TITLE		
LKCHEW	2011/11/04	I-TRAC POWER ,7 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A		
CHECKED BY	DATE			
LNG				
APPROVED BY	DATE	MOLEX INCORPORATED		
SHONGKIN	2011/11/29			
MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
SEE TABLE	SD-78229-003	3 OF 3		

DRAWN BY		DATE	TITLE	
LKCHEW		2011/11/04	I-TRAC POWER ,7 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A	
CHECKED BY		DATE		
LNG				
APPROVED BY		DATE	MOLEX INCORPORATED	
SHONGKIN		2011/11/29		
MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
SEE TABLE		SD-78229-003	3 OF 3	

TABLE 1 : UNITIZED CONNECTOR WITH HOLD DOWN MODULE

PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	HOLD DOWN MODULE LOCATION
78234-100*	1X	10.90	TIN	LEFT (REFER TO SHEET 2 FOR DETAILS)
78234-10**	2X	18.30		
78234-200*	1X	10.90		RIGHT (REFER TO SHEET 3 FOR DETAILS)
78234-20**	2X	18.30		

PART NUMBER LEGEND: 78234-\*0\*\*

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

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

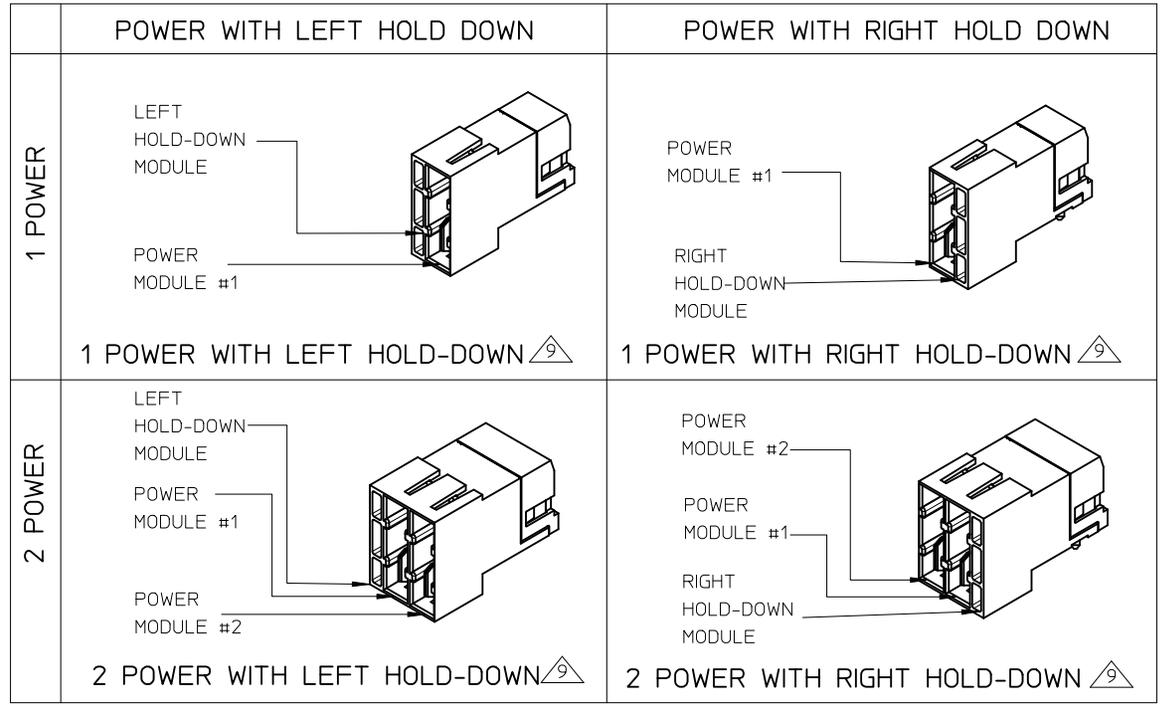
*	BLADE LENGTH	
	P1	P2
1	8.27	8.27
2	8.27	9.77
3	6.77	9.77

- NOTES
- MATERIALS :  
HOUSING - HIGH TEMP. THERMOPLASTIC, GLASS FILLED, UL94-V0,COLOR:BLACK.  
POWER PIN - COPPER ALLOY
  - FINISHES :  
POWER CONTACTS  
0.76µm MINIMUM GOLD AT CONTACT AREA AND  
2.54µm MINIMUM TIN AT SOLDERTAIL AREA OVER  
1.27µm MINIMUM NICKEL UNDERPLATE.
  - 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	0.725±0.075
SILVER	0.863	OVER 0.03 TO 0.08 COPPER PLATING	0.750±0.050

- MATES WITH 78237-\*\*\*\*.
- 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.
- CONNECTORS ARE PACKED IN A TRAY.
- MODULE LOCATION IS FROM NEXT TO HOLD DOWN MODULE WITH STARTING MODULE AS "#1".
- BOTTOM AND TOP CIRCUITS ARE INDICATED AS "CKT A" AND "CKT B".
- ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING SCREW PART NUMBER 73726-0005.
- PACKAGING PROCEDURE AS PER PK-78234-001.



INITIAL RELEASE  
EC NO: S2012-0368  
DRWN:SHONG 2011/11/10  
CHKD:LING 2011/11/17  
APPR:NAGESHKN 2011/12/06

QUALITY SYMBOLS  
▽=0  
◻=0

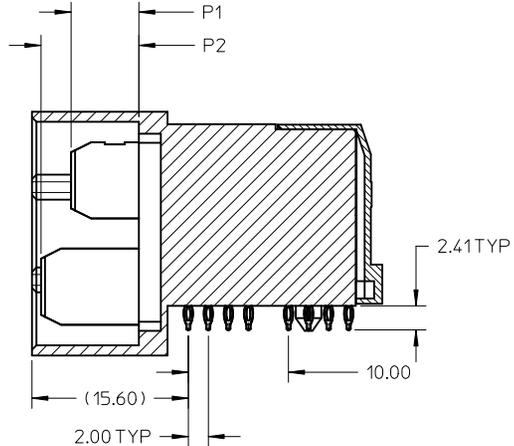
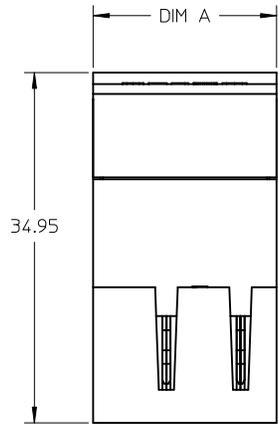
DESCRIPTION

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

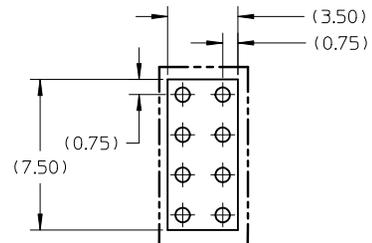
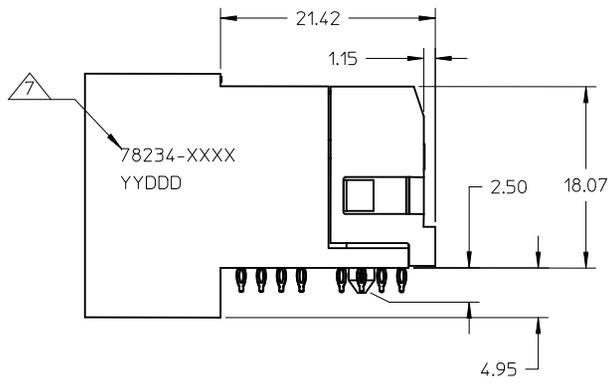
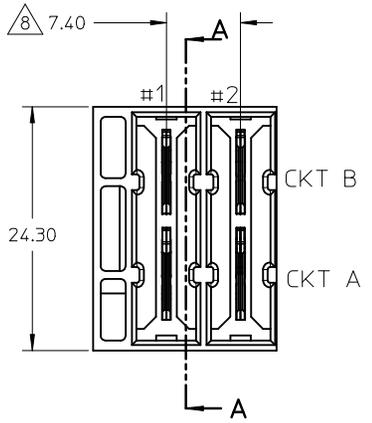
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		NTS	METRIC	
DRAWN BY	DATE	TITLE		
SHONG	2011/11/10	I-TRAC POWER, 11 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A		
CHECKED BY	DATE	MOLEX INCORPORATED		
LNG	2011/11/17	DOCUMENT NO. SD-78234-003		
APPROVED BY	DATE	SHEET NO. 1 OF 3		
NAGESHKN	2011/12/06	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
MATERIAL NO.	SIZE A3			

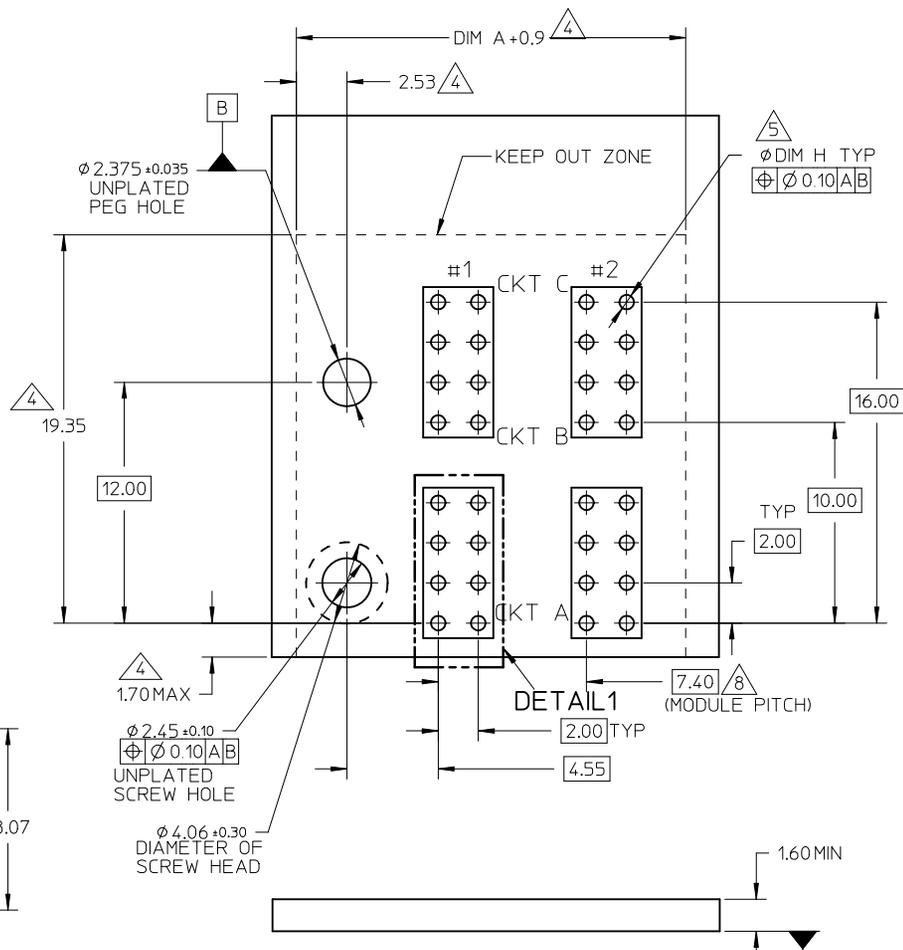
LEFT HOLD DOWN OPTION



SECTION A-A



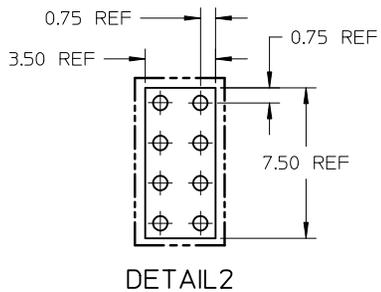
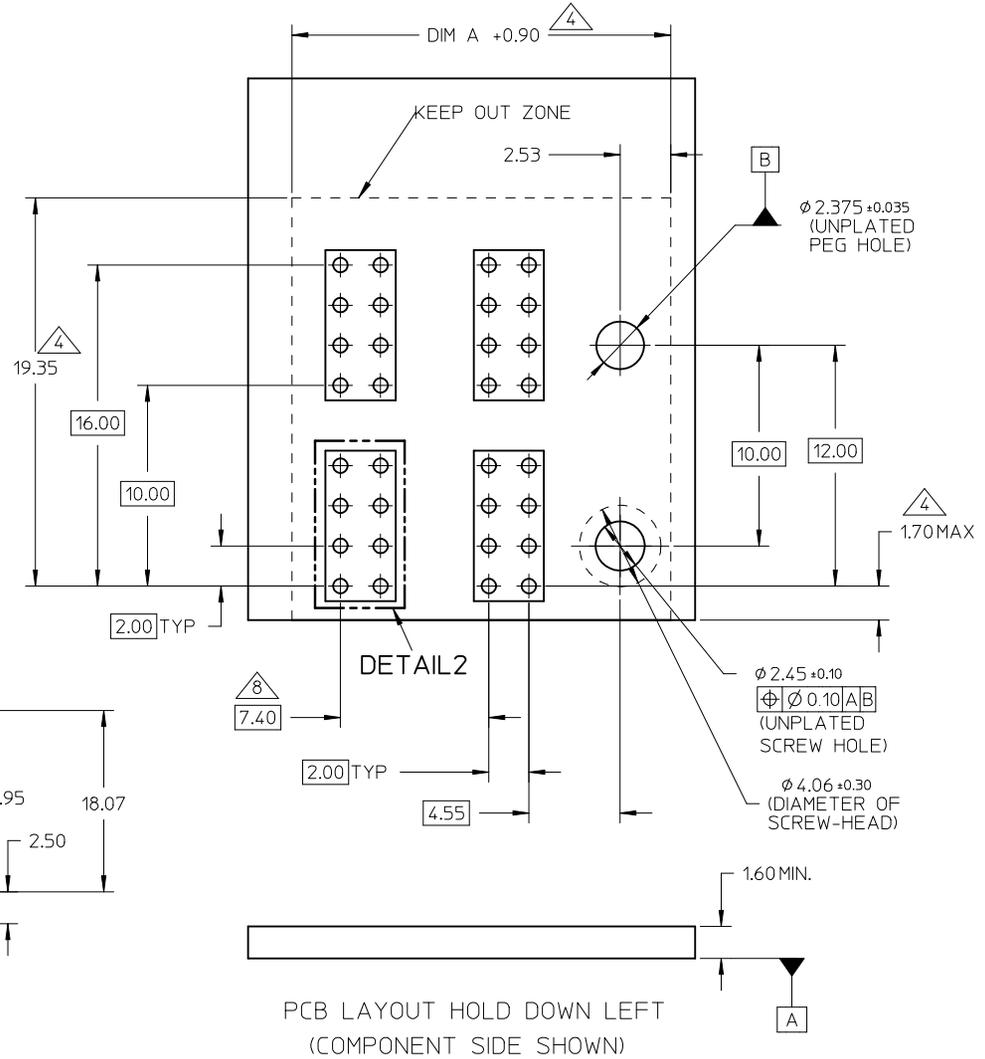
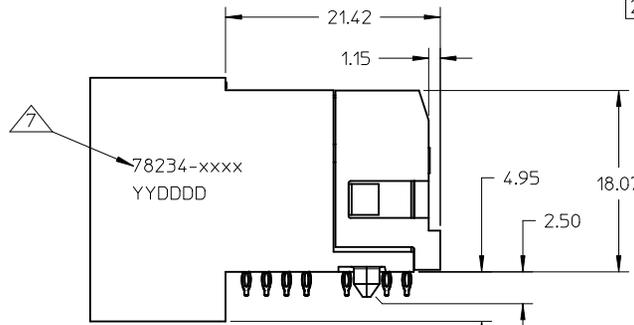
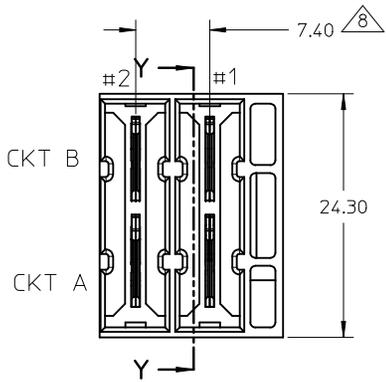
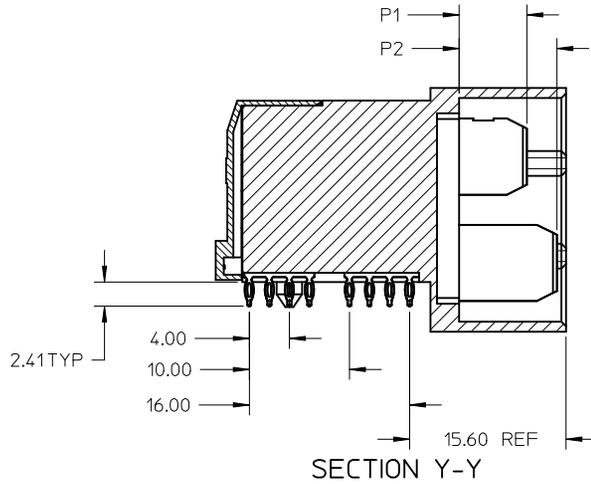
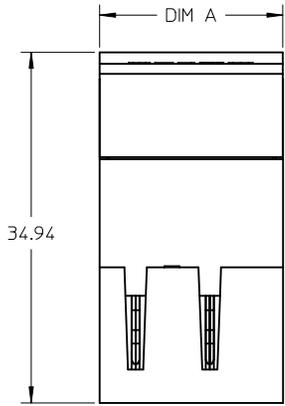
DETAIL1  
COPPER PAD REFERENCE



PCB LAYOUT HOLD DOWN LEFT  
(COMPONENT SIDE SHOWN)

INITIAL RELEASE EC NO: S2012-0368 DRWN: SHONG 2011/11/10 CHKD: LNG 2011/11/17 APPR: NAGESHK 2011/12/06	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES	± ---	± ---	SHONG	2011/11/10	I-TRAC POWER, 11 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A			
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED			
	± 0.25	± ---	LNG	2011/11/17	MATERIAL NO. DOCUMENT NO.					
	± ---	± ---	APPROVED BY	DATE	SHEET NO.					
	ANGULAR ± 3 °		NAGESHK	2011/12/06	2 OF 3					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

RIGHT HOLD DOWN OPTION



INITIAL RELEASE	QUALITY SYMBOLS
EC NO: S2012-0368	▽=0
DRWN: SHONG 2011/11/10	∇=0
CHKD: LNG 2011/11/17	
APPR: NAGESHKIN 2011/12/06	
REV	DESCRIPTION
A	

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
SHONG	2011/11/10
CHECKED BY	DATE
LNG	2011/11/17
APPROVED BY	DATE
NAGESHKIN	2011/12/06
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
I-TRAC POWER, 11 ROW HEADER WITH HOLD DOWN PRESS FIT, R/A		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-78234-003	3 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

TABLE 1 : UNITIZED CONNECTOR WITH HOLD DOWN MODULE <sup>9</sup>

PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	HOLD DOWN MODULE LOCATION
78684-1005	1X	10.90	TIN	LEFT (REFER TO SHEET 2 FOR DETAILS)
78684-1055	2X	18.30		
78684-2005	1X	10.90		RIGHT (REFER TO SHEET 3 FOR DETAILS)
78684-2055	2X	18.30		

PART NUMBER LEGEND: 78684-\*0\*\*

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

POWER MODULE 2			
*	BLADE LENGTH		
	P1	P2	P3
0	MODULE NOT PRESENT		
5	6.77	8.27	9.77

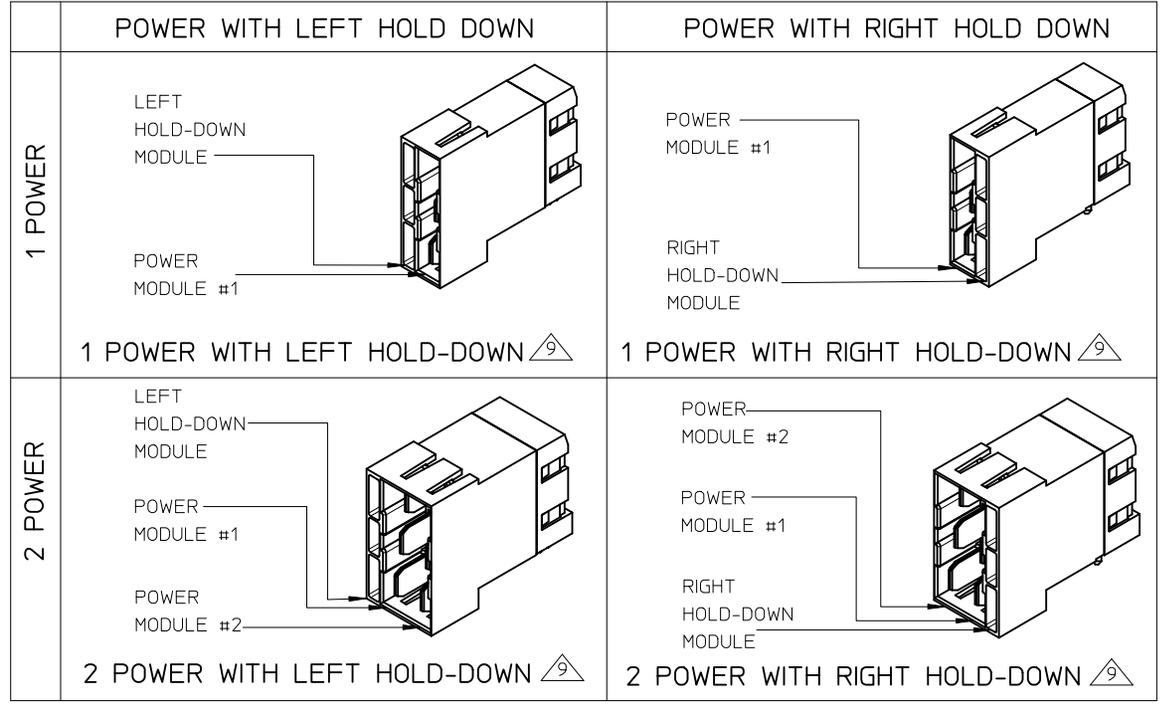
POWER MODULE 1			
*	BLADE LENGTH		
	P1	P2	P3
5	6.77	8.27	9.77

NOTES

- MATERIALS :  
HOUSING - HIGH TEMP. THERMOPLASTIC, GLASS FILLED, UL94-V0,COLOR:BLACK.  
POWER PIN - COPPER ALLOY
- FINISHES :  
POWER CONTACTS  
0.76µm MINIMUM GOLD AT CONTACT AREA AND  
2.54µm MINIMUM TIN AT SOLDERTAIL AREA OVER  
1.27µm MINIMUM NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: PS-78231-006.
- <sup>9</sup>COMPONENT STAY AWAY ZONE FROM CONNECTOR.
- <sup>9</sup>PCB NOTE FOR PLATED HOLE.

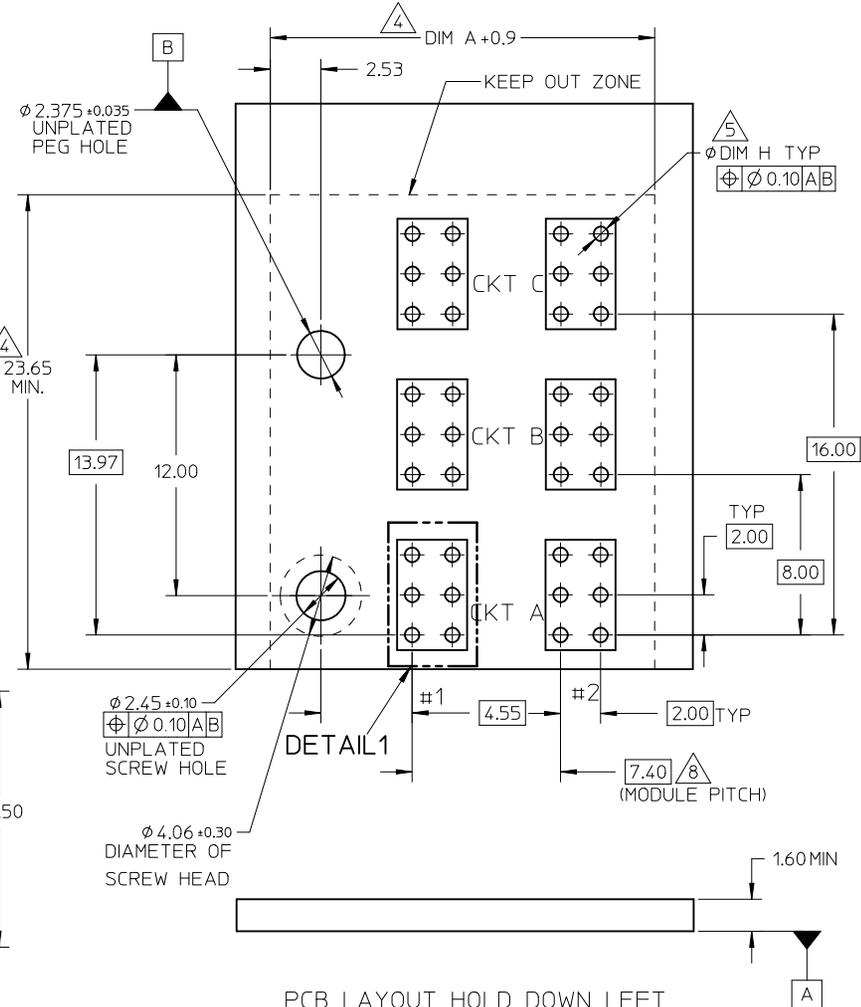
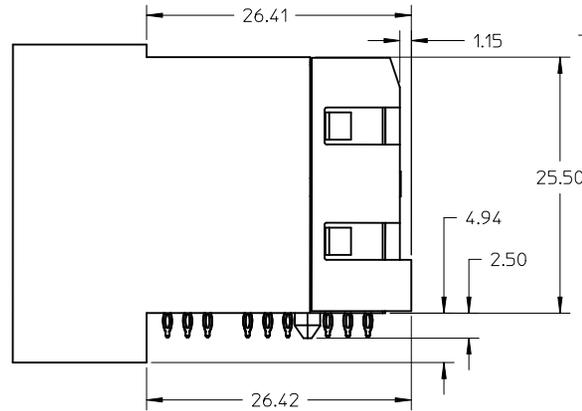
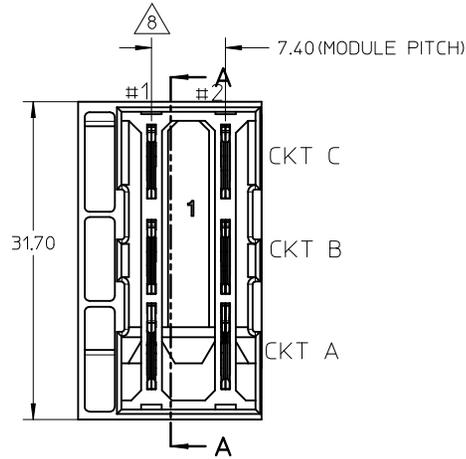
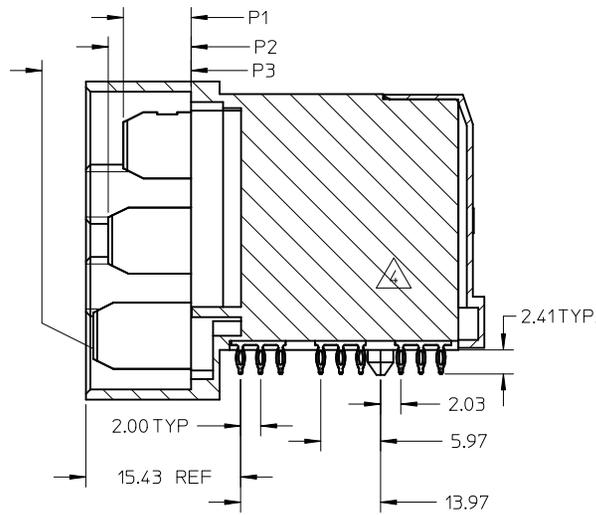
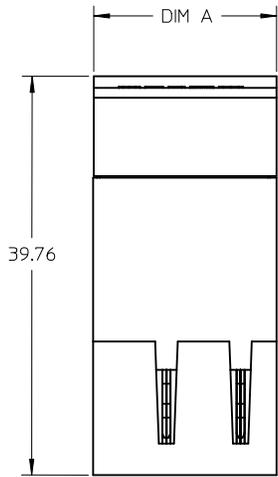
TYPE OF PLATED HOLE	DRILLED HOLE SIZE	PLATING THICKNESS	PLATED HOLE SIZE "ØDIM H"
TIN/TIN-LEAD	0.838	0.007 MIN TIN/TIN-LEAD/SILVER OVER 0.03 TO 0.08 COPPER PLATING	0.725±0.075
SILVER	0.863		0.750±0.050

- MATES WITH 78237-\*\*\*\*.
- <sup>9</sup>PART NUMBER AND YEAR-DAY CODE
- <sup>9</sup>ADD 7.40mm FOR EACH ADDITIONAL MODULE.
- <sup>9</sup>THE DETAILS FOR LEFT HOLD DOWN OPTION SHOWN ON SHEET2 AND RIGHT HOLD DOWN OPTION SHOWN ON SHEET 3.
- CONNECTORS ARE PACKED IN A TRAY.
- MODULE LOCATION IS FROM NEXT TO HOLD DOWN MODULE WITH STARTING MODULE AS "#1".
- BOTTOM AND TOP CIRCUITS ARE INDICATED AS "CKT A" AND "CKT B".
- ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING SCREW PART NUMBER 73726-0005.
- PACKAGING PROCEDURE AS PER PK-78239-001.

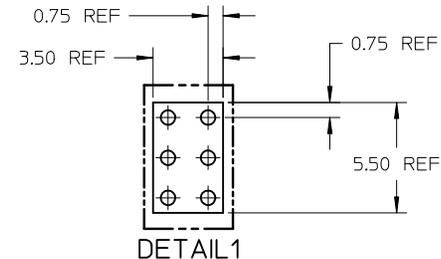


<b>CONSOLIDATE P/N</b> EC NO: S2012-0340 DRWN:SHONG 2011/10/31 CHKD:LING 2011/11/17 APPR:NAGESHKN 2011/12/02 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ◻=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC		
			DRAWN BY: SHONG DATE: 2011/10/31	CHECKED BY: LNG DATE: 2011/11/17	TITLE: I-TRAC POWER, 15 ROW HEADER WITH HOLD DOWN PRESS FIT, RIGHT ANGLE		
			APPROVED BY: NAGESHKN DATE: 2011/12/02	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	DOCUMENT NO. SD-78684-001		SHEET NO. 1 OF 3	
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

LEFT HOLD DOWN OPTION



PCB LAYOUT HOLD DOWN LEFT  
(COMPONENT SIDE SHOWN)

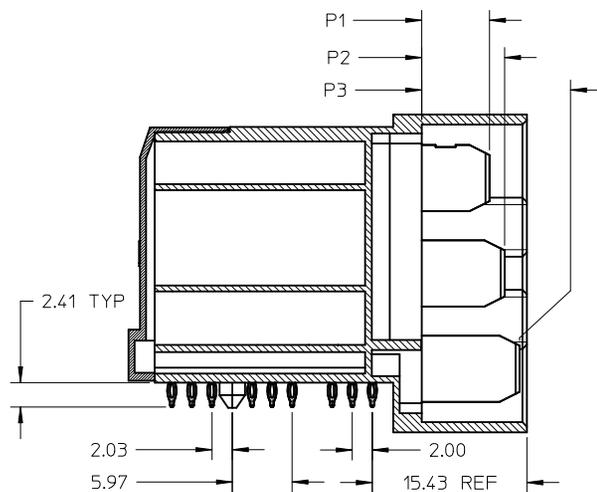
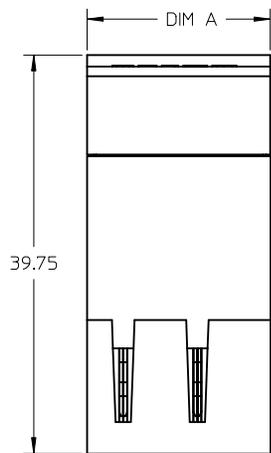


CONSOLIDATE P/N EC NO: S2012-0340 DRWN: SHONG CHKD: LNG APPR: NAGESHKN	DESCRIPTION 2011/10/31 2011/11/17 2011/12/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION													
		$\nabla = 0$ $\square = 0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	MM ONLY	NTS
	mm	INCH																		
4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																		
2 PLACES	± 0.25	± ---																		
1 PLACE	± ---	± ---																		

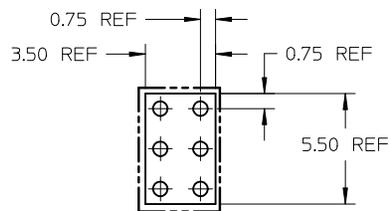
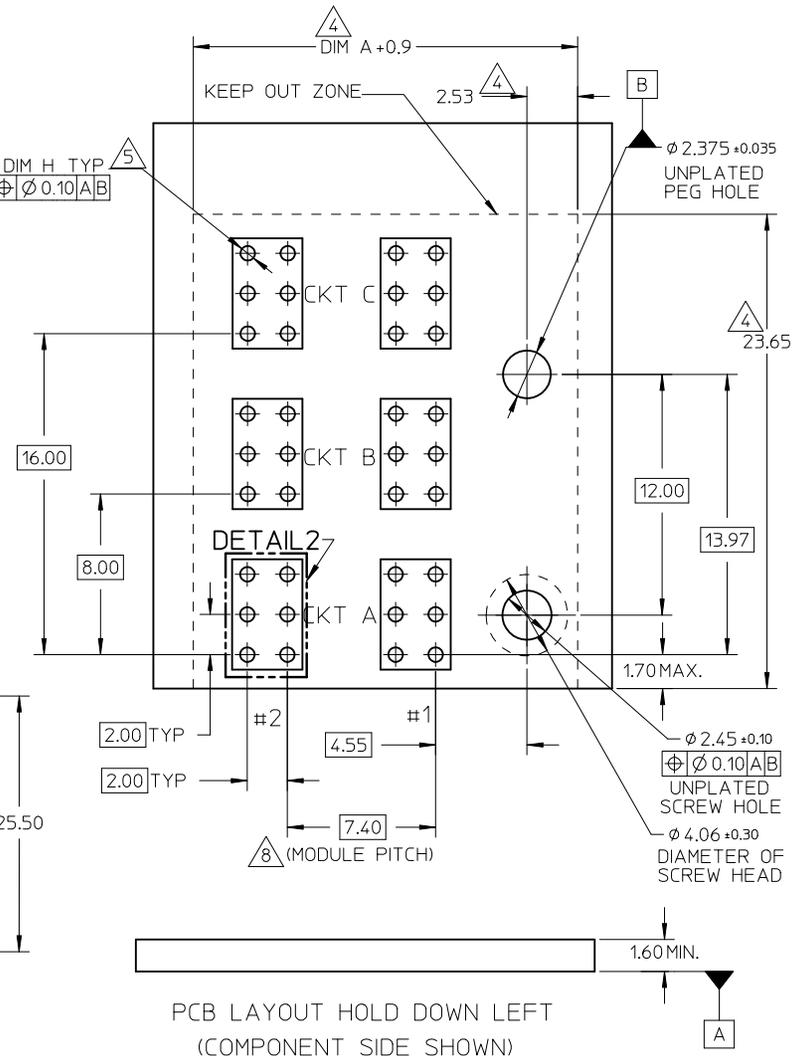
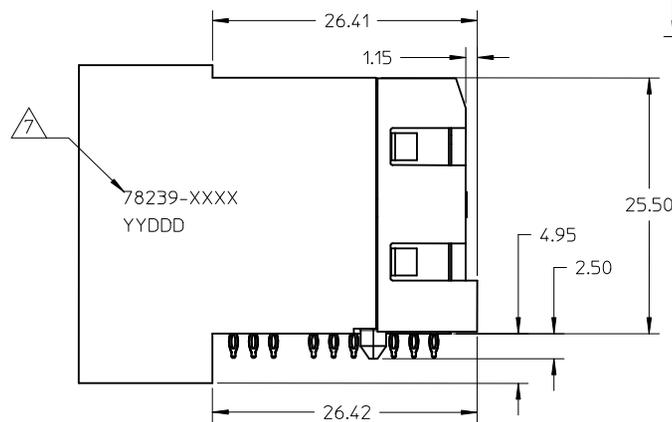
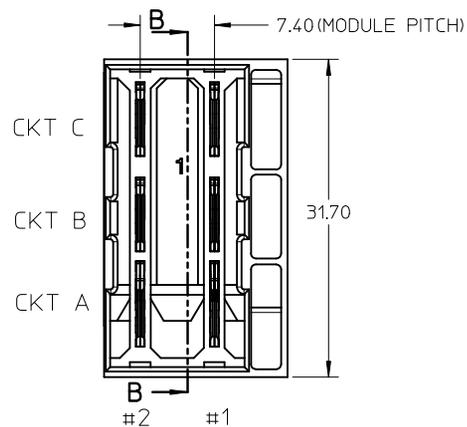
DRAWN BY SHONG	DATE 2011/10/31	CHECKED BY LNG	DATE 2011/11/17	APPROVED BY NAGESHKN	DATE 2011/12/02	MATERIAL NO.	DOCUMENT NO. SD-78684-001	SHEET NO. 2 OF 3

DRAWN BY SHONG DATE 2011/10/31 CHECKED BY LNG DATE 2011/11/17 APPROVED BY NAGESHKN DATE 2011/12/02 MATERIAL NO. DOCUMENT NO. SD-78684-001 SHEET NO. 2 OF 3	TITLE <b>I-TRAC POWER, 15 ROW HEADER WITH HOLD DOWN PRESS FIT, RIGHT ANGLE</b> MOLEX INCORPORATED
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

RIGHT HOLD DOWN OPTION



SECTION B-B



DETAIL 2  
COPPER PAD REFERENCE

CONSOLIDATE P/N EC NO: S2012-0340 DRWN: SHONG CHKD: LNG APPR: NAGESHK N 2011/10/31 2011/11/17 2011/12/02	QUALITY SYMBOLS	DESCRIPTION
	▼=0 ◻=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 SHONG	DATE 2011/10/31
CHECKED BY LNG	DATE 2011/11/17
APPROVED BY NAGESHK N	DATE 2011/12/02
MATERIAL NO.	
SIZE A3	

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE I-TRAC POWER, 15 ROW HEADER WITH HOLD DOWN PRESS FIT, RIGHT ANGLE		
MOLEX INCORPORATED		
DOCUMENT NO. SD-78684-001		SHEET NO. 3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		