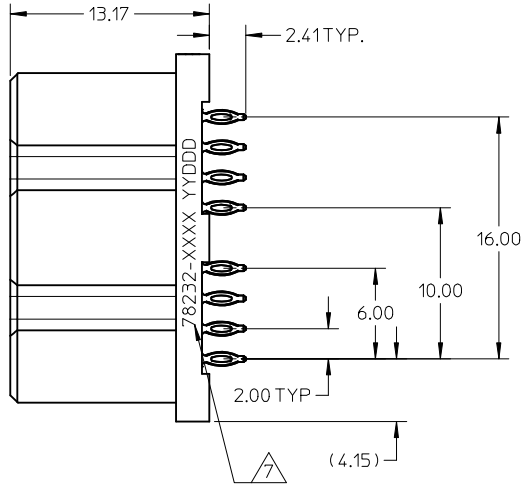
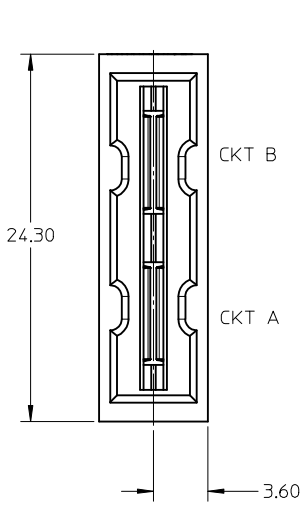
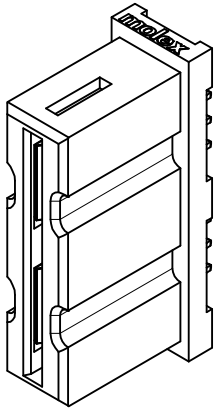
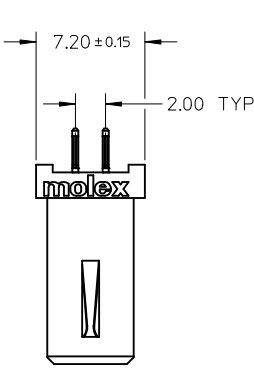


PART NUMBER	PLATING OPTION	PACKAGING
78232-1001	TIN PLATING	TRAY
78232-5001	TIN-LEAD PLATING	TRAY



NOTES

- MATERIALS :
 HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK.
 POWER PIN - COPPER ALLOY
- FINISHES :
 TIN OPTION - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA OVER 1.27um MINIMUM NICKEL UNDERPLATE.
 TIN-LEAD OPTION - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN-LEAD AT SOLDER TAIL AREA OVER 1.27um MINIMUM NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: PS-78231-006.
- COMPONENT STAY AWAY ZONE FROM CONNECTOR.
- PCB NOTE FOR PLATED HOLE.

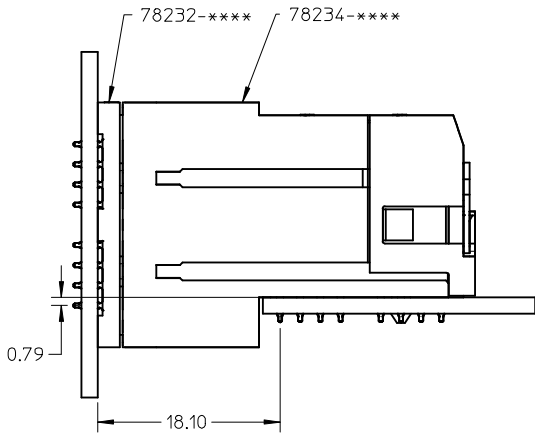
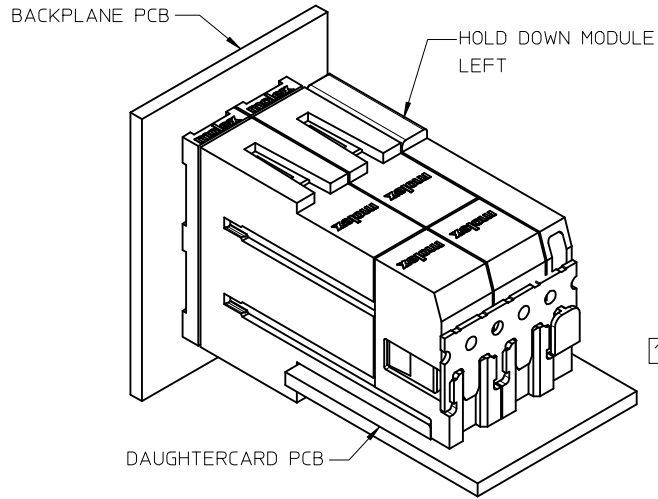
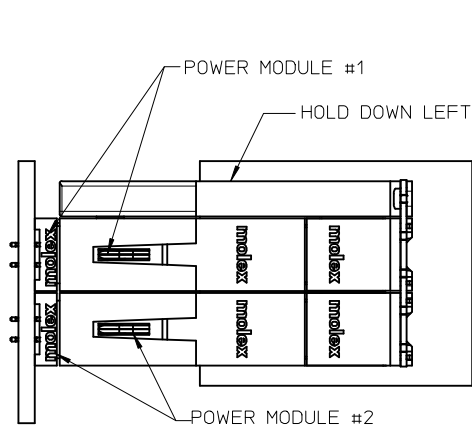
TYPE OF PLATED HOLE	DRILLED HOLE SIZE	PLATING THICKNESS	PLATED HOLE SIZE "Ø DIM H"
TIN/TIN-LEAD	0.838	0.007 MIN TIN/TIN-LEAD/SILVER	0.725 ± 0.075
SILVER	0.863	OVER 0.03 TO 0.08 COPPER PLATING	0.750 ± 0.050

SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.

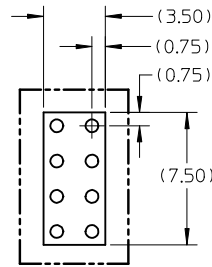
- MATES WITH 78234-****.
- PART NUMBER AND YEAR-WK CODE.
- ADJACENT POWER MODULE PITCH.
- PACKAGING PROCEDURE AS PER PK-78232-001.

REVISED EC NO: S2009-0287 DRWNK: JKH CHKD: ANG APPR: SHONG 2008/11/27 2008/11/28 2008/12/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	 	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
	DESCRIPTION	DRAWN BY	DATE	TITLE		
		SHONG	2006/08/15	I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT		
	APPROVED BY	DATE	MOLEX INCORPORATED			
	NAGESHKN	2006/08/28	DOCUMENT NO. SD-78232-001			
	MATERIAL NO.		SHEET NO. 1 OF 3			
			SEE TABLE			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

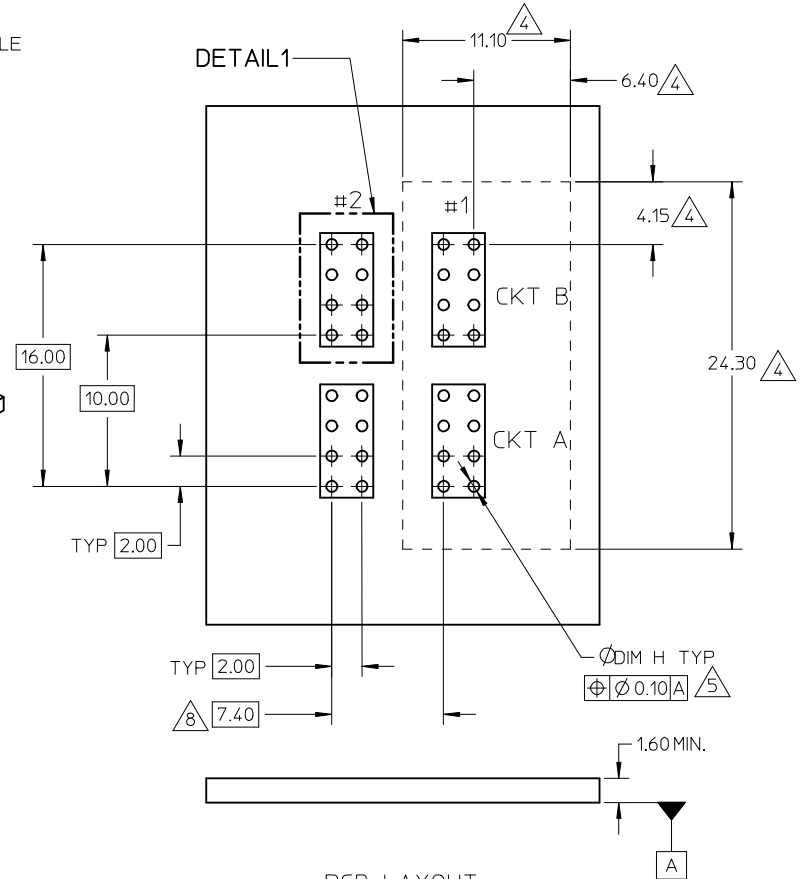
MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT



MATED SYSTEM FOR 78232 & 78234



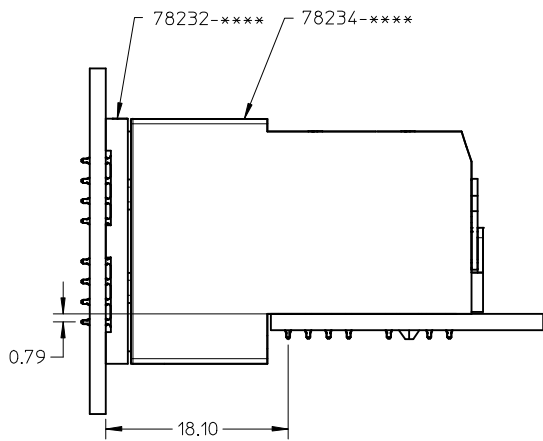
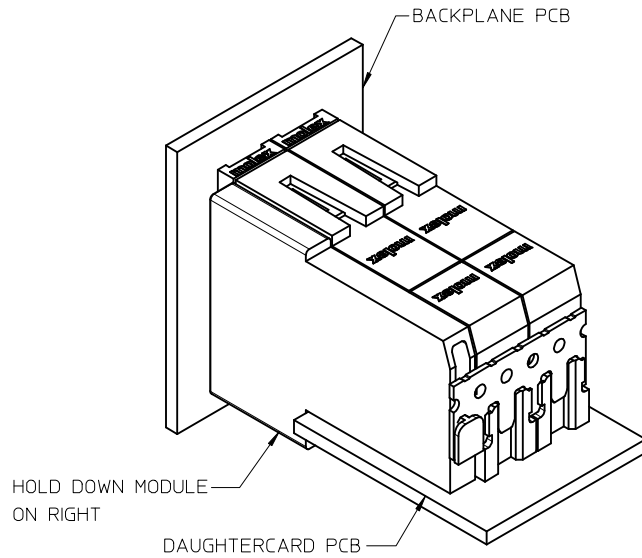
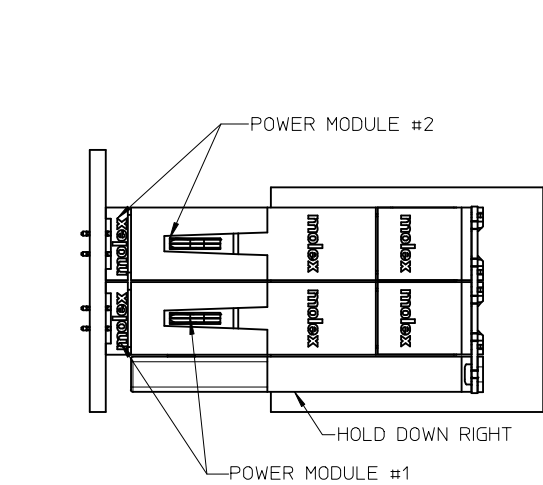
DETAIL1
COPPER PAD REFERENCE



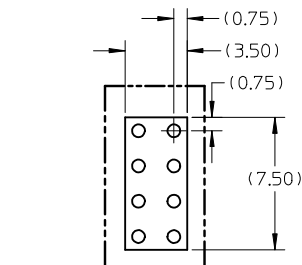
PCB LAYOUT
(MATED WITH HEADER HOLD DOWN MODULE LEFT)
COMPONENT SIDE SHOWN

REVISED EC NO: S2009-0287 DRWNK:JKH 2008/11/27 CHKD:ANG 2008/11/28 APPR:SHONG 2008/12/02 B3	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 SHONG	DATE 2006/08/15	TITLE I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT			
		2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	CHECKED BY LNG	DATE 2006/08/25	MOLEX INCORPORATED			
		ANGULAR ± 3 °		APPROVED BY NAGESHKN	DATE 2006/08/28	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-78232-001	SHEET NO. 2 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

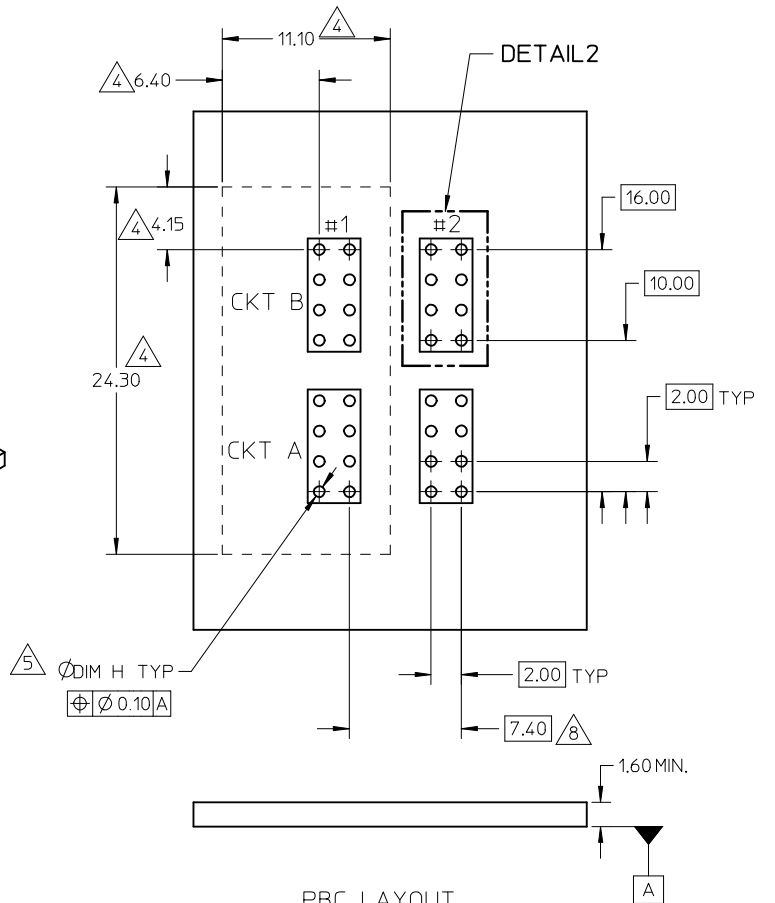
MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN RIGHT



MATED SYSTEM FOR 78232 & 78234



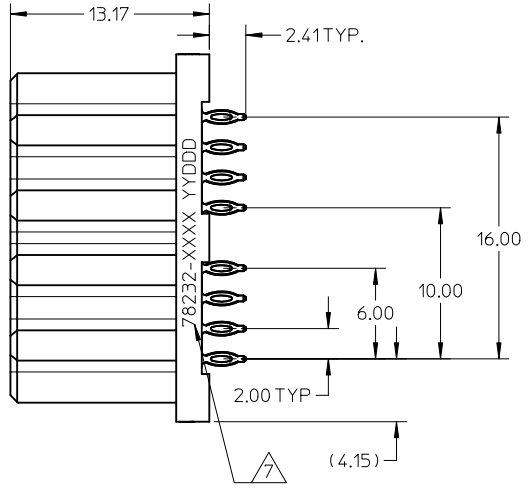
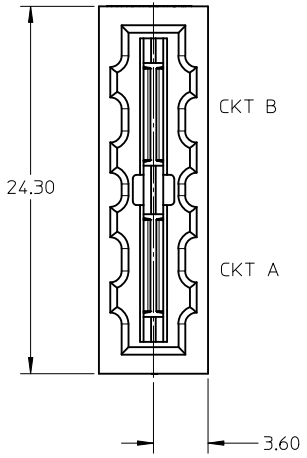
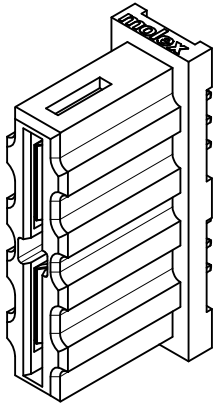
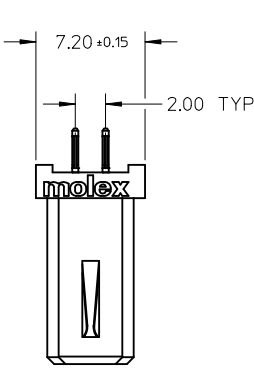
DETAIL2
COPPER PAD REFERENCE



PBC LAYOUT
(MATED WITH HEADER HOLD DOWN RIGHT)
COMPONENT SIDE SHOWN

REVISED EC NO: S2009-0287 DRWNK:JKOH 2008/11/27 CHKD:ANG 2008/11/28 APPR:SHONG 2008/12/02 REV B3	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▼=0 C=0	mm	INCH	MM ONLY	NTS	METRIC		
		4 PLACES ± --- ± ---		DRAWN BY SHONG	DATE 2006/08/15	TITLE		I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT
		3 PLACES ± --- ± ---		CHECKED BY LNG	DATE 2006/08/25	MOLEX INCORPORATED		
	2 PLACES ± 0.25 ± ---		APPROVED BY NAGESHKN	DATE 2006/08/28	DOCUMENT NO.		SD-78232-001	
	1 PLACE ± --- ± ---		MATERIAL NO.		SHEET NO.			
		ANGULAR ± 3 °		SEE TABLE		3 OF 3		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PART NUMBER	△ 2 PLATING OPTION	PACKAGING
78232-1001	TIN PLATING	TRAY
78232-5001	TIN-LEAD PLATING	TRAY



NOTES

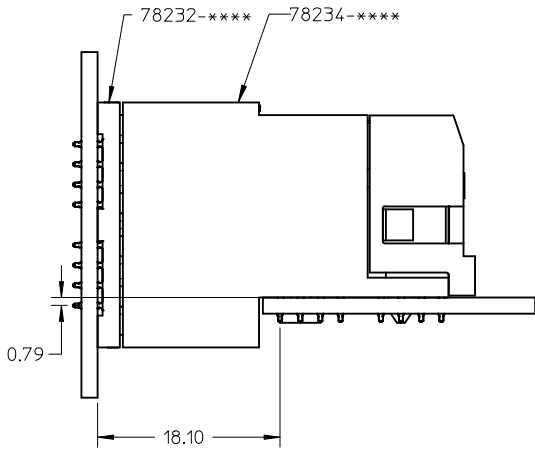
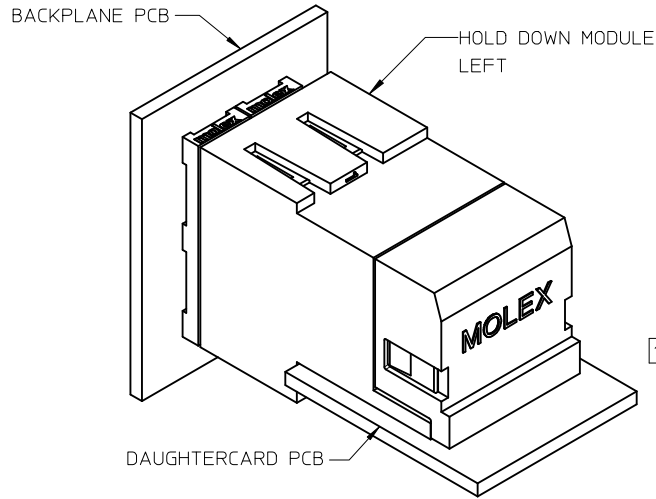
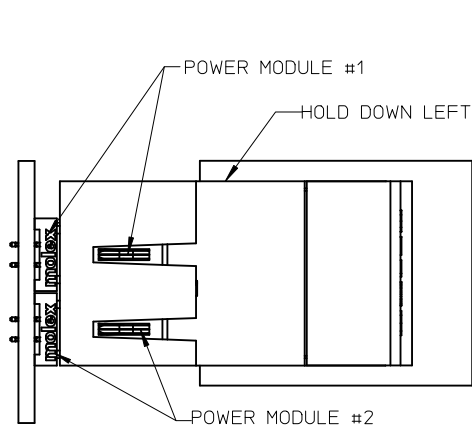
- MATERIALS :
HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK.
POWER PIN - COPPER ALLOY
- FINISHES :
TIN OPTION - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA OVER 1.27um MINIMUM NICKEL UNDERPLATE.
TIN-LEAD OPTION - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN-LEAD AT SOLDER TAIL AREA OVER 1.27um 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

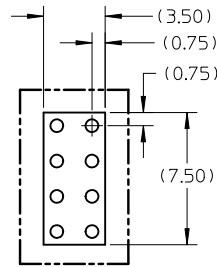
- SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.
- MATES WITH 78234-****.
 - PART NUMBER AND YEAR-WK CODE.
 - ADJACENT POWER MODULE PITCH.
 - PACKAGING PROCEDURE AS PER PK-78232-001.

REV CORING DESIGN EC NO: S2012-0478 DRWN: SHONG 2011/11/25 CHKD: LNG 2012/01/06 APPR: NAGESHKN 2012/01/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ∠=0	mm INCH	MM ONLY	NTS	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---	DRAWN BY DATE SHONG 2006/08/15	TITLE	I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT		
		ANGULAR ± 3 °	CHECKED BY DATE LNG 2006/08/25	APPROVED BY DATE NAGESHKN 2012/01/06	MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
			SEE TABLE	SD-78232-011			
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

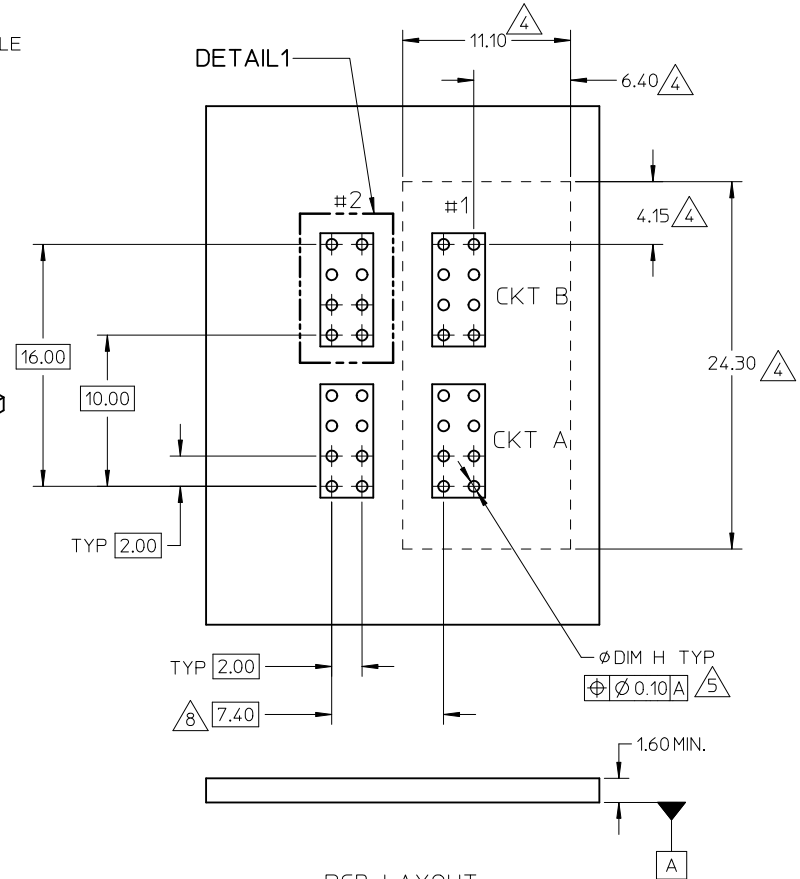
MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT



MATED SYSTEM FOR 78232 & 78234



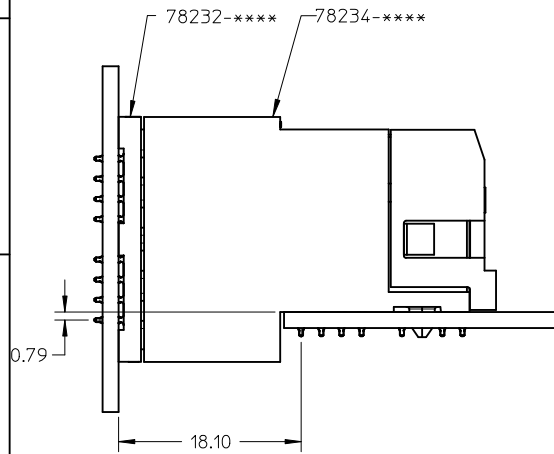
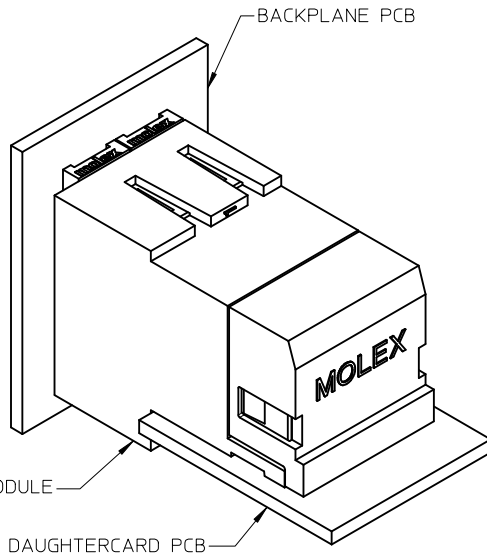
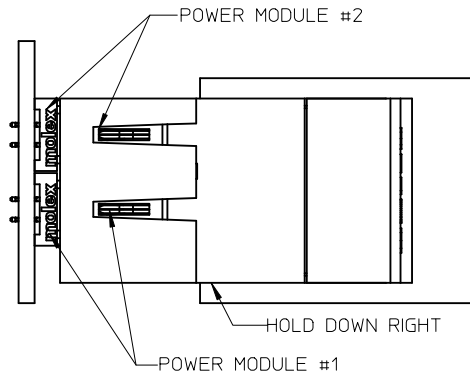
DETAIL1
COPPER PAD REFERENCE



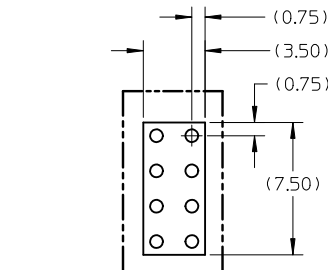
PCB LAYOUT
(MATED WITH HEADER HOLD DOWN MODULE LEFT)
COMPONENT SIDE SHOWN

REV CORING DESIGN EC NO: S2012-0428 DRWN: SHONG CHKD: LNG APPR: NAGESHKN	DESCRIPTION 2011/11/25 2012/01/06 2012/01/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla = 0$ $\nabla C = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
				DRAWN BY: SHONG DATE: 2006/08/15 CHECKED BY: LNG DATE: 2006/08/25 APPROVED BY: NAGESHKN DATE: 2012/01/06 MATERIAL NO.	TITLE	I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE SIZE A3	MOLEX INCORPORATED DOCUMENT NO. SD-78232-011	SHEET NO. 2 OF 3	

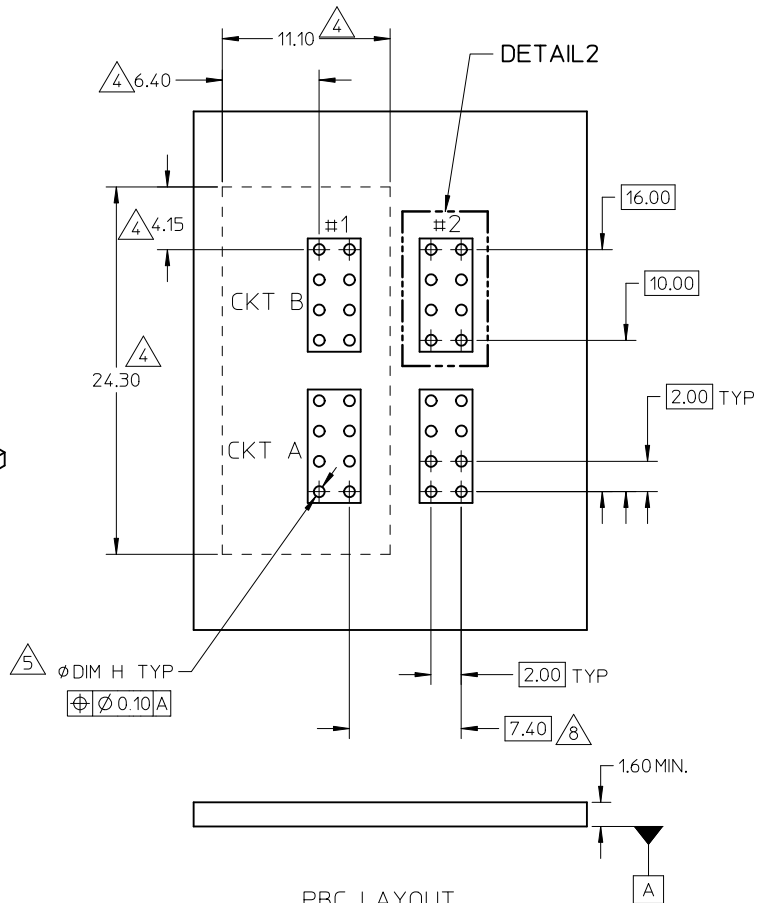
MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN RIGHT



MATED SYSTEM FOR 78232 & 78234



DETAIL2
COPPER PAD REFERENCE



PBC LAYOUT
(MATED WITH HEADER HOLD DOWN RIGHT)
COMPONENT SIDE SHOWN

REV CORING DESIGN EC NO: S2012-0428 DRWN: SHONG CHKD: LNG APPR: NAGESHKN	DESCRIPTION 2011/11/25 2012/01/06 2012/01/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▼=0 C=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY SHONG CHECKED BY LNG APPROVED BY NAGESHKN MATERIAL NO. SEE TABLE	DATE 2006/08/15 DATE 2006/08/25 DATE 2012/01/06	TITLE			
							I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT MOLEX INCORPORATED	DOCUMENT NO. SD-78232-011 SHEET NO. 3 OF 3