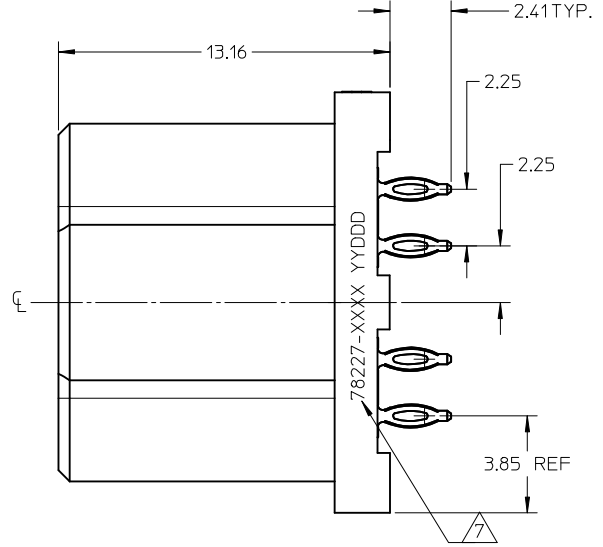
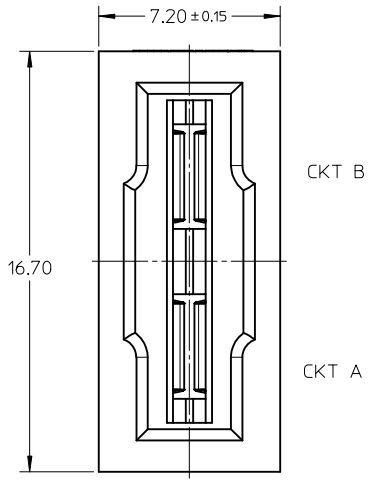
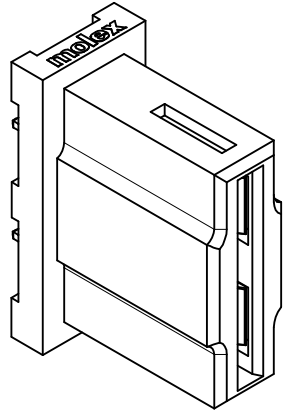
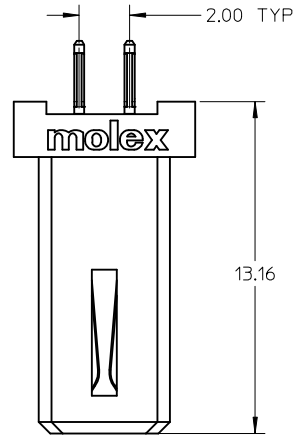


PART NUMBER	PLATING OPTION (NOTE 2)	PACKAGING
78227-1001	TIN PLATING	TRAY
78227-5001	TIN-LEAD PLATING	TRAY



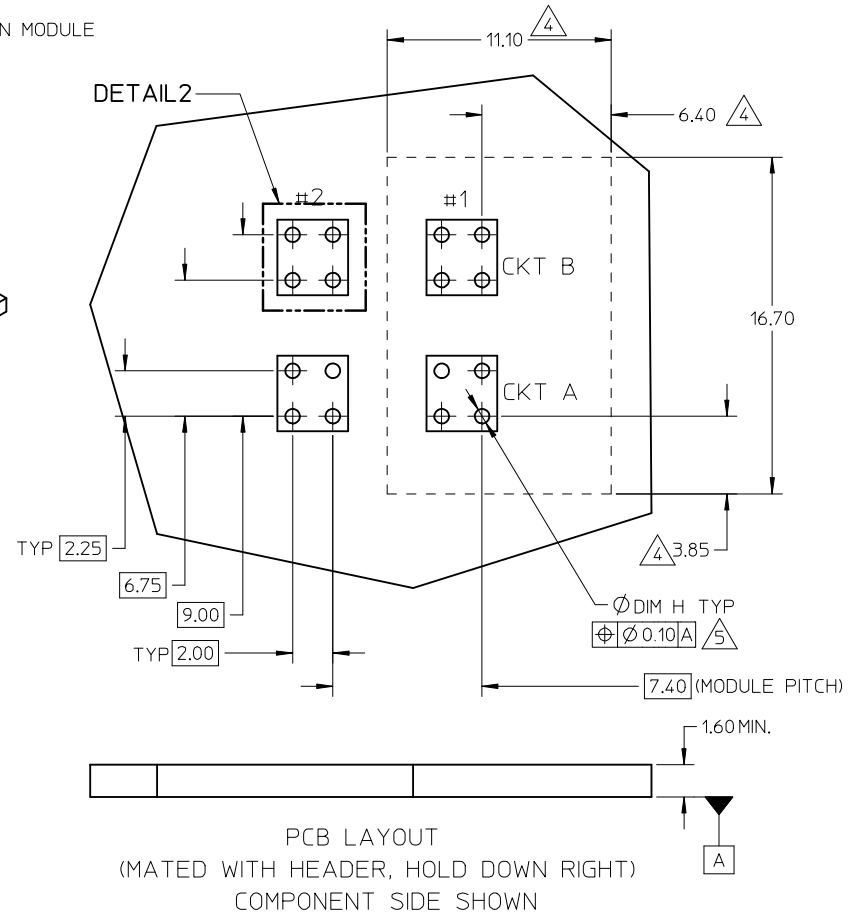
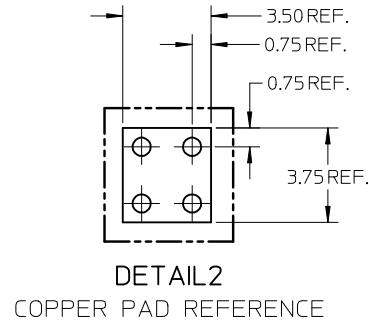
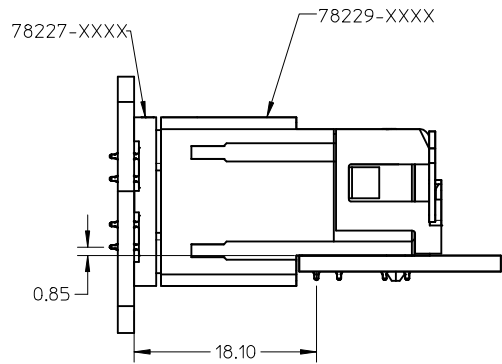
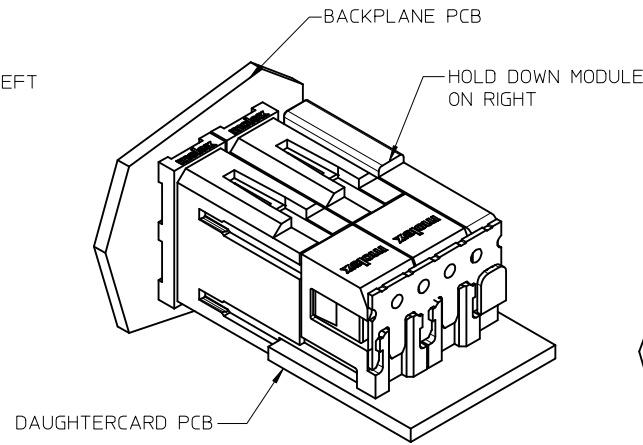
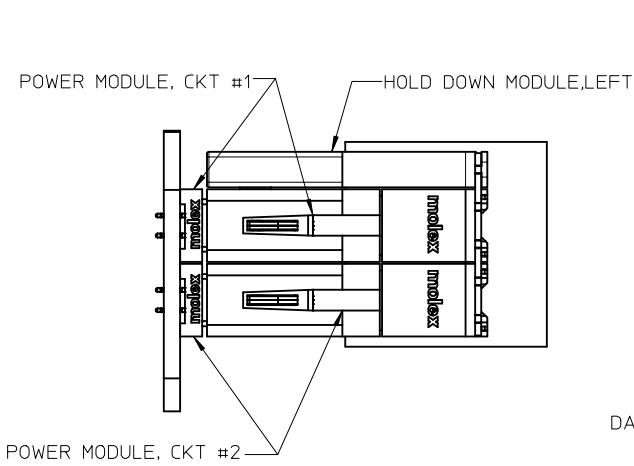
- NOTES:
- MATERIALS :
HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK.
POWER PIN - COPPER ALLOY
 - FINISHES :
TIN OPTION - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA OVER 1.27um MINIMUM NICKEL UNDERPLATE.
TIN-LEAD OPTION - 0.76 MICROMETER MINIMUM 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 OR SHEET 3 FOR RECOMMENDED PCB LAYOUT.
- MATES WITH 78229-****.
 - PART NUMBER AND YY-DDD CODE.
 - ADD 7.4MM FOR EACH ADDITIONAL POWER MODULE.
 - PACKAGING PROCEDURE AS PER PK-78227-001.

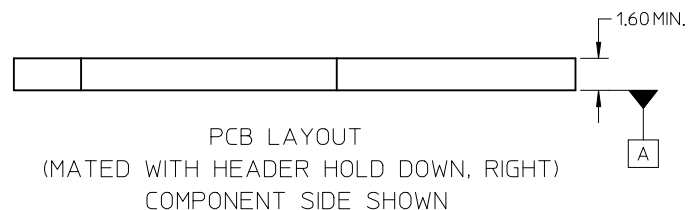
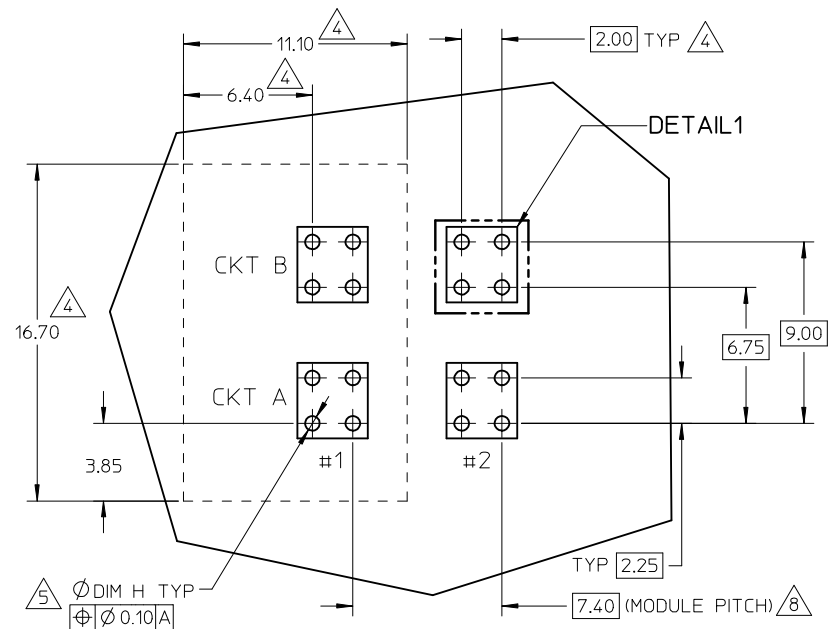
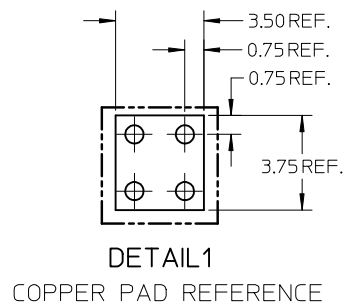
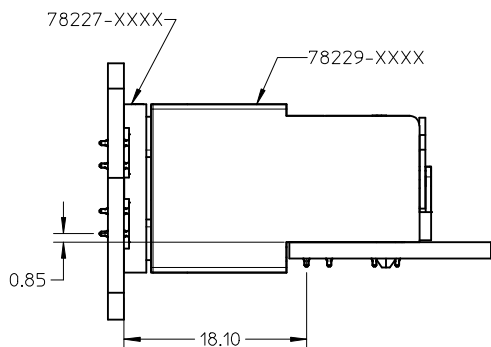
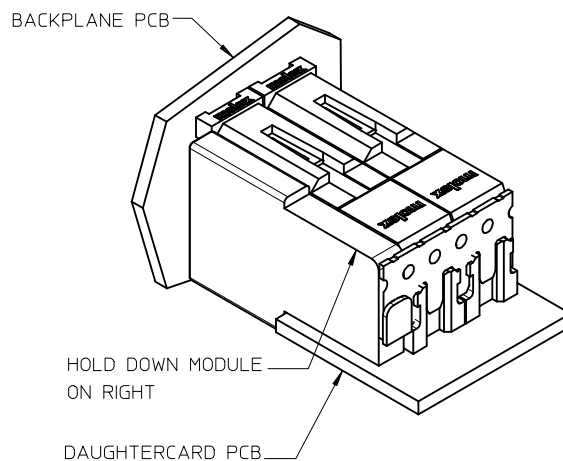
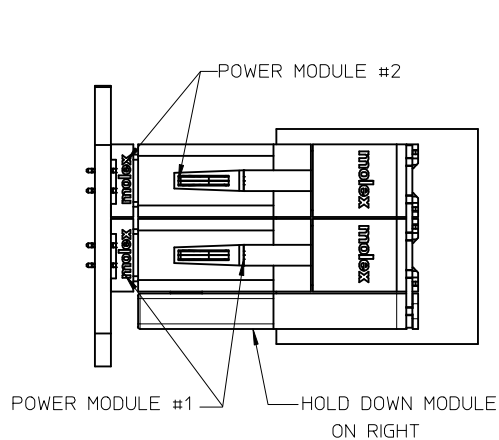
REVISION UPDATE EC NO: S2009-0287 2008/11/27 DRINK:JKOH 2008/11/28 CHYD:ANG 2008/12/02 APPR:SHONG	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	DRAWN BY LNG	DATE 2006/08/28	TITLE I-TRAC POWER, 7 ROW VERTICAL RECEPTACLE PRESS-FIT			
		ANGULAR ± 3 °				CHECKED BY NRVITTAPELLI	DATE 2007/01/24	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPROVED BY SHONG	DATE 2007/01/24	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-78227-001	SHEET NO. 1 OF 3	

MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT



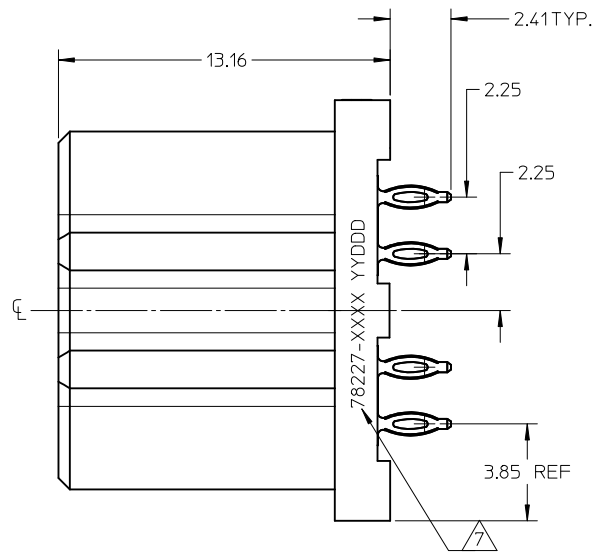
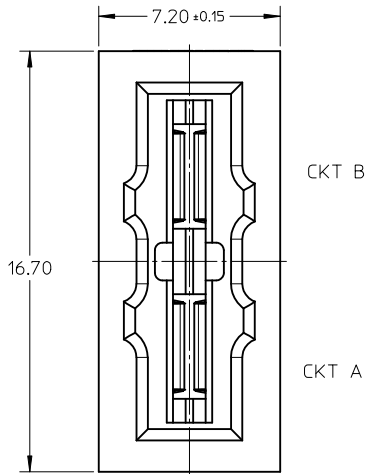
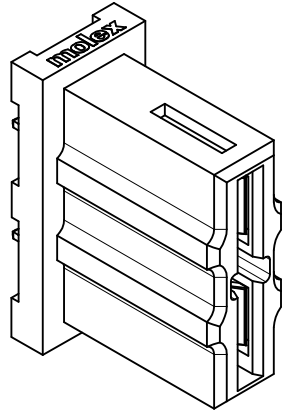
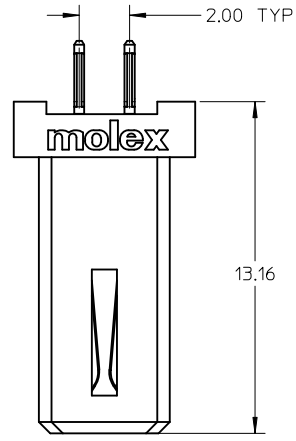
REVISION UPDATE EC NO: S2009-0287 DRWNK:JKOH 2008/11/27 CHKD:ANG 2008/11/28 APPR:SHONG 2008/12/02 REV B2	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY DRAWN BY: LNG DATE: 2006/08/28 CHECKED BY: NRVITTAPALLI DATE: 2007/01/24 APPROVED BY: SHONG DATE: 2007/01/24 MATERIAL NO. SEE TABLE	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: I-TRAC POWER, 7 ROW VERTICAL RECEPTACLE PRESS-FIT MOLEX INCORPORATED DOCUMENT NO. SD-78227-001 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



REVISION UPDATE EC NO: S2009-0287 DRWNK:JKOH 2008/11/27 CHKD:ANG 2008/11/28 APPR:SHONG 2008/12/02	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY LNG	DATE 2006/08/28	TITLE I-TRAC POWER, 7 ROW VERTICAL RECEPTACLE PRESS-FIT	
		4 PLACES	± ---	± ---	CHECKED BY NRVITTAPELLI	DATE 2007/01/24	MOLEX INCORPORATED	
		3 PLACES	± ---	± ---	APPROVED BY SHONG	DATE 2007/01/24	DOCUMENT NO. SD-78227-001	SHEET NO. 3 OF 3
			2 PLACES	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
			1 PLACE	± ---	± ---	SIZE A3		
			ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PART NUMBER	PLATING OPTION (NOTE 2)	PACKAGING
78227-1001	TIN PLATING	TRAY
78227-5001	TIN-LEAD PLATING	TRAY



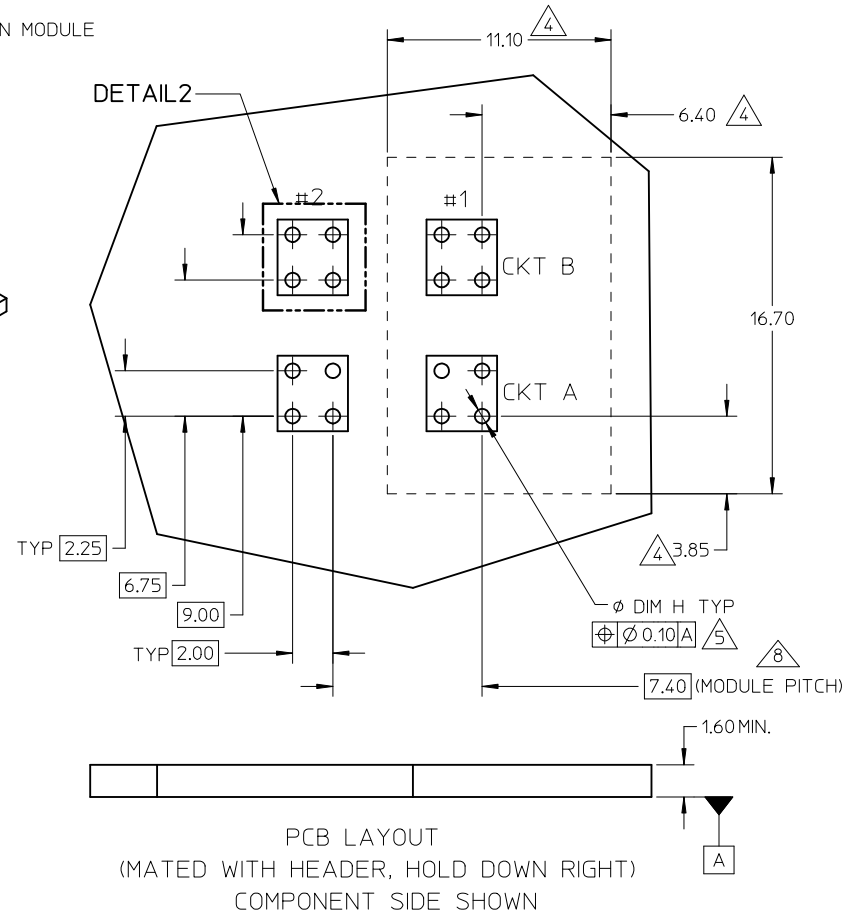
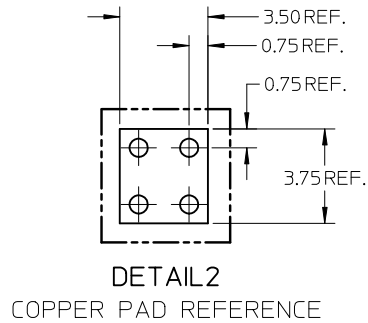
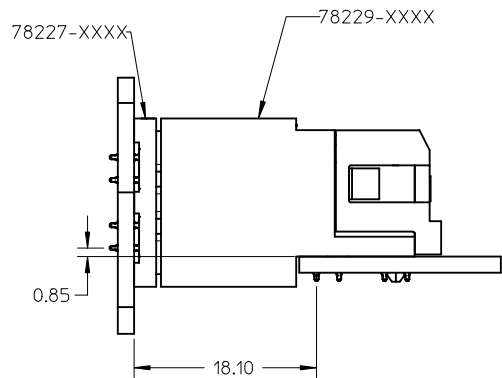
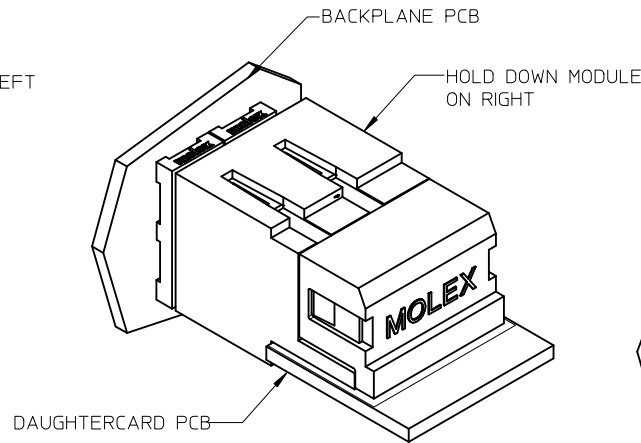
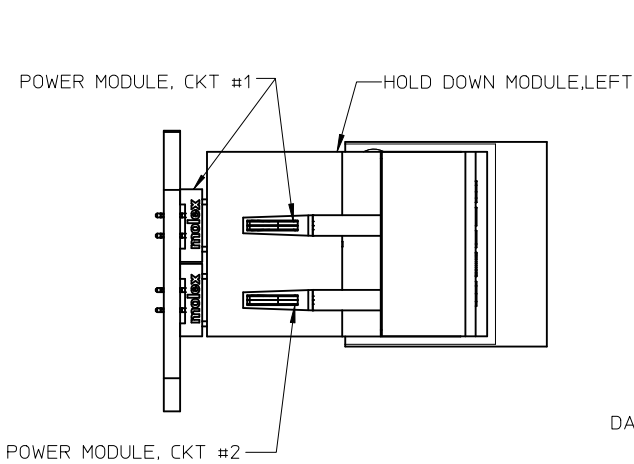
- NOTES:
- MATERIALS :
HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK.
POWER PIN - COPPER ALLOY
 - FINISHES :
TIN OPTION - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA OVER 1.27um MINIMUM NICKEL UNDERPLATE.
TIN-LEAD OPTION - 0.76 MICROMETER MINIMUM 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"
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SILVER	0.863	OVER 0.03 TO 0.08 COPPER PLATING	0.750±0.050

- SEE SHEET 2 OR SHEET 3 FOR RECOMMENDED PCB LAYOUT.
- MATES WITH 78229-****.
PART NUMBER AND YY-DDD CODE.
 - ADD 7.4MM FOR EACH ADDITIONAL POWER MODULE.
 - PACKAGING PROCEDURE AS PER PK-78227-001.

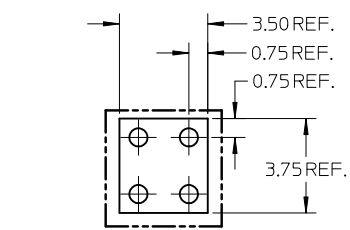
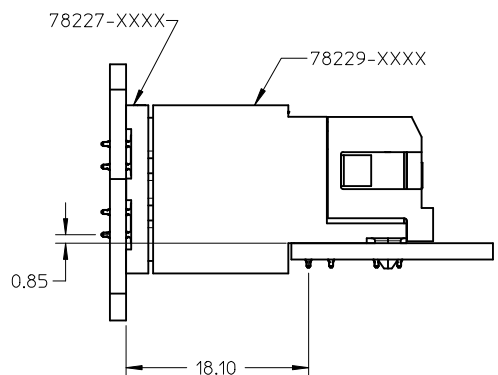
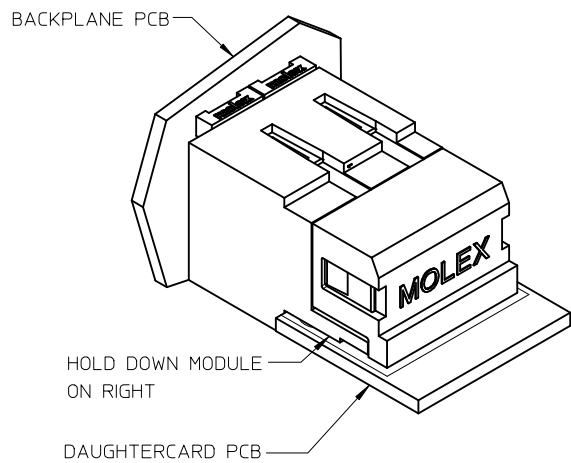
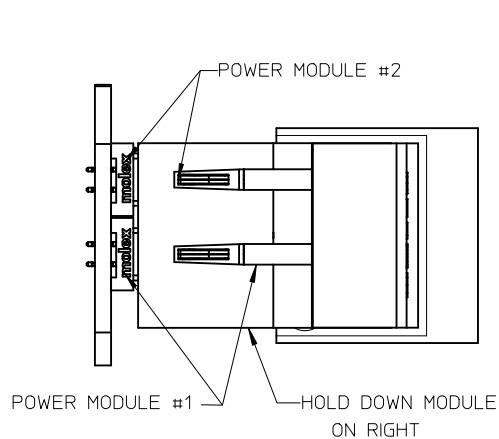
REV CORING DESIGN EC NO: S2012-0428 DRWN: SHONG CHKD: LNG APPR: NAGESHKIN 2011/11/28 2012/01/06 2012/01/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 C=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY	DATE	TITLE	
	REV		LANG	2006/08/28	I-TRAC POWER, 7 ROW VERTICAL RECEPTACLE PRESS-FIT	
			CHECKED BY	DATE	MOLEX INCORPORATED	
			NRVITTPALLI	2007/01/24	SD-78227-011	
			APPROVED BY	DATE	SHEET NO.	
			NAGESHKIN	2012/01/06	1 OF 3	
			MATERIAL NO.	DOCUMENT NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			SIZE			
			A3			

MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT

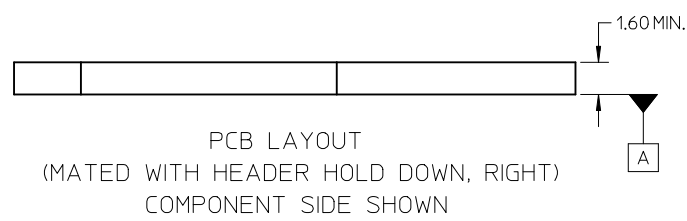
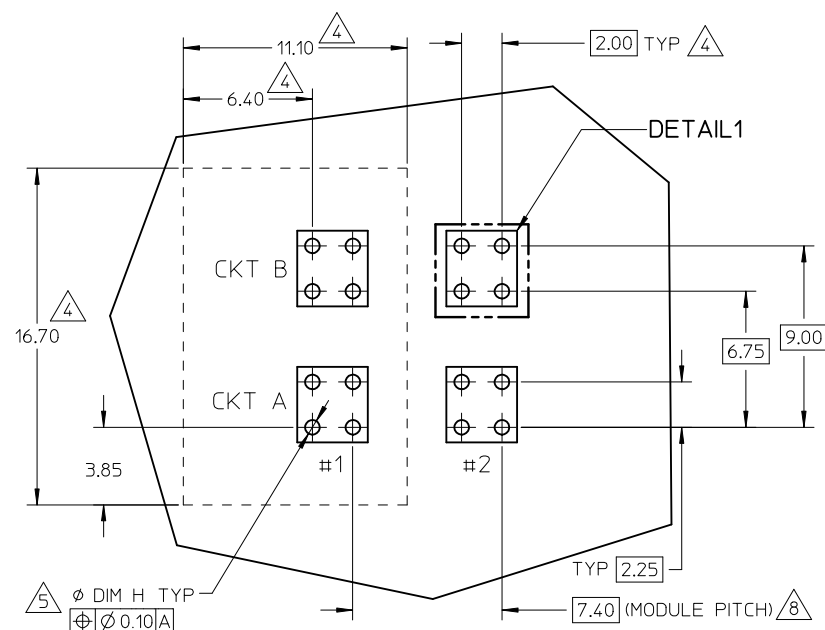


REV CORING DESIGN EC NO: S2012-0428 DRWN: SHONG 2011/11/28 CHYD: LNG 2012/01/06 APPR: NAGESHKN 2012/01/06	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY DRAWN BY: LNG DATE: 2006/08/28 CHECKED BY: NRVITTAPALLI DATE: 2007/01/24 APPROVED BY: NAGESHKN DATE: 2012/01/06 MATERIAL NO.	SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE I-TRAC POWER, 7 ROW VERTICAL RECEPTACLE PRESS-FIT MOLEX INCORPORATED DOCUMENT NO. SD-78227-011 SHEET NO. 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		
	SIZE A3				
	REV A				

MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN RIGHT



DETAIL1
COPPER PAD REFERENCE



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

REV CORING DESIGN EC NO: S2012-0428 DRWN: SHONG CHKD: LNG APPR: NAGESHKN	2011/11/28 2012/01/06 2012/01/06	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM ONLY	NTS	METRIC	◯ ◻			
						DRAWN BY	DATE	TITLE				
						CHECKED BY	DATE	I-TRAC POWER, 7 ROW VERTICAL RECEPTACLE PRESS-FIT				
		APPROVED BY	DATE	MOLEX INCORPORATED								
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
A		A3		SEE TABLE		SD-78227-011		3 OF 3				