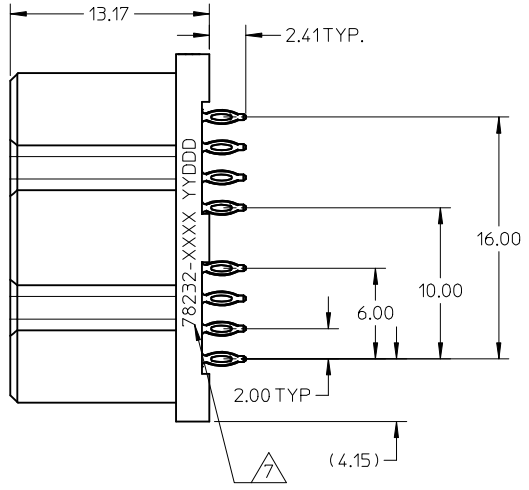
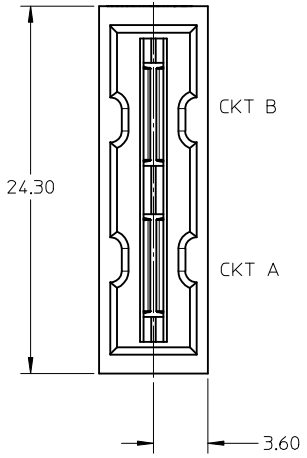
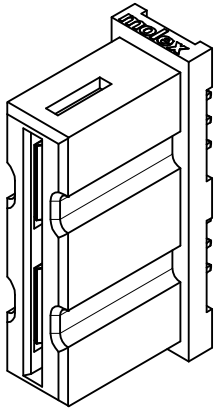
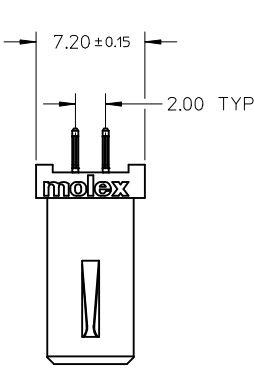


PART NUMBER	△ 2 PLATING OPTION	PACKAGING
78232-1001	TIN PLATING	TRAY
78232-5001	TIN-LEAD PLATING	TRAY



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.

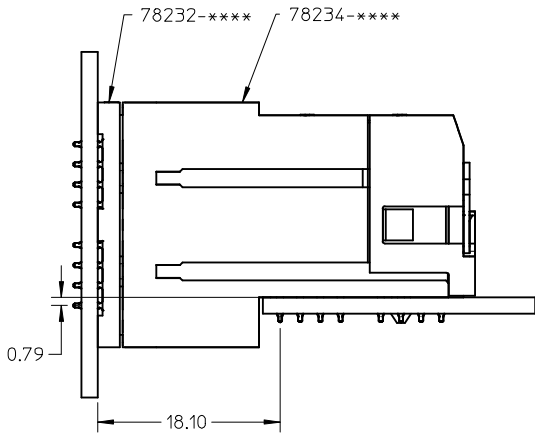
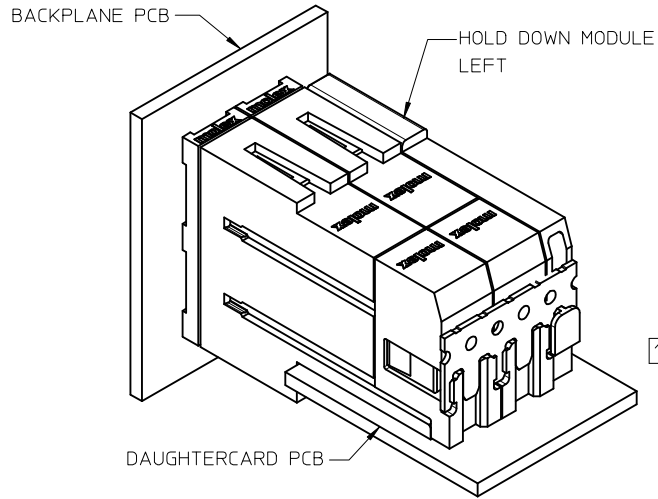
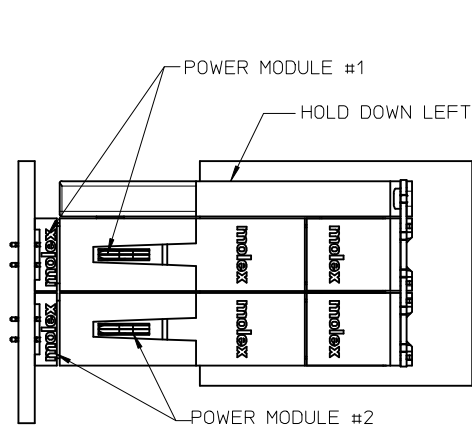
TYPE OF PLATED HOLE	DRILLED HOLE SIZE	PLATING THICKNESS	PLATED HOLE SIZE "Ø DIM H"
TIN/TIN-LEAD	0.838	0.007 MIN TIN/TIN-LEAD/SILVER	0.725 ± 0.075
SILVER	0.863	OVER 0.03 TO 0.08 COPPER PLATING	0.750 ± 0.050

SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.

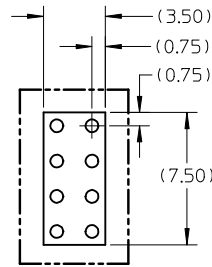
- MATES WITH 78234-\*\*\*\*.
- PART NUMBER AND YEAR-WK CODE.
- ADJACENT POWER MODULE PITCH.
- PACKAGING PROCEDURE AS PER PK-78232-001.

REVISED EC NO: S2009-0287 DRW: KJKOH 2008/11/27 CHK: D-ANG 2008/11/28 APPR: SHONG 2008/12/02 B3	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	CHECKED BY DATE LNG 2006/08/25	TITLE I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT		
		ANGULAR ± 3 °	APPROVED BY DATE NAGESHKN 2006/08/28	MATERIAL NO.	MOLEX INCORPORATED DOCUMENT NO. SD-78232-001		
	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				

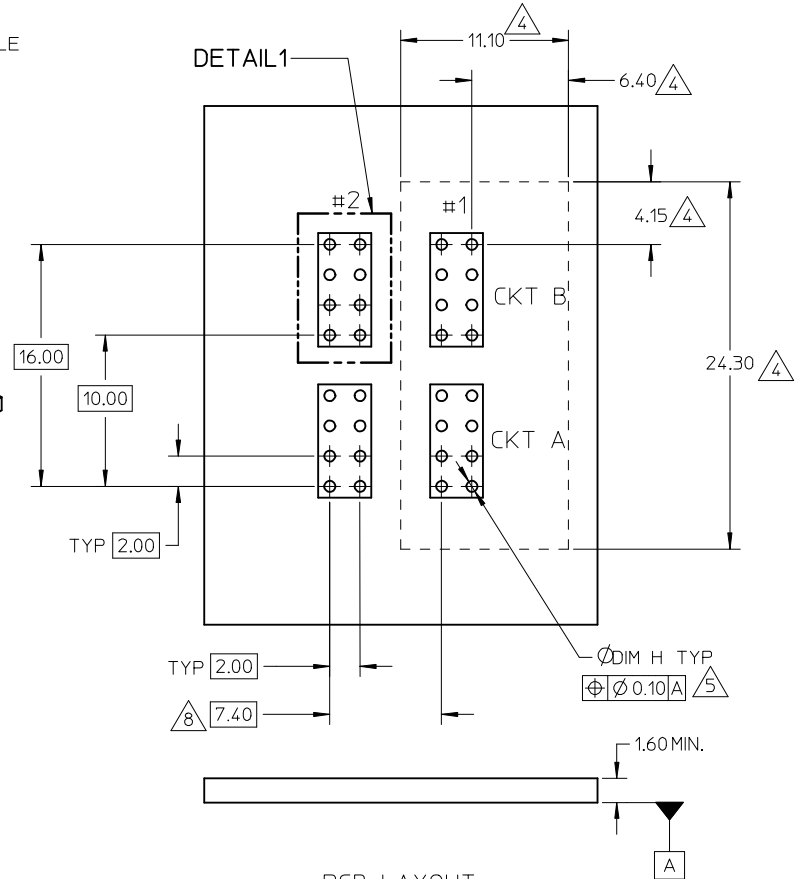
# MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT



MATED SYSTEM FOR 78232 & 78234



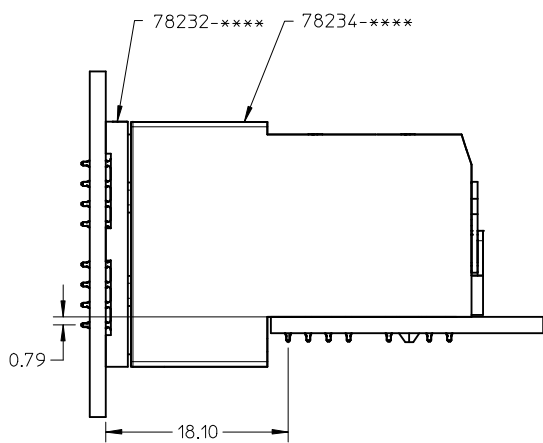
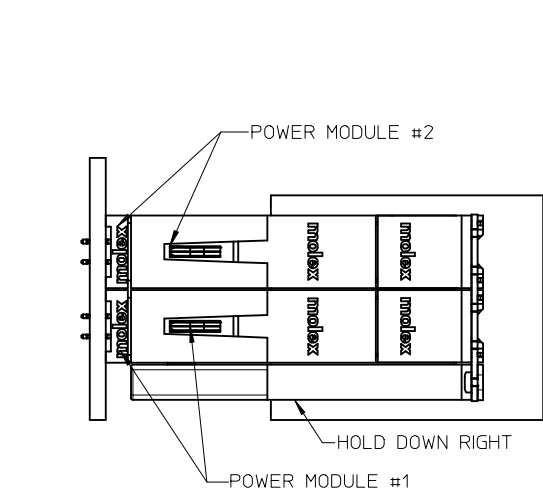
DETAIL1  
COPPER PAD REFERENCE



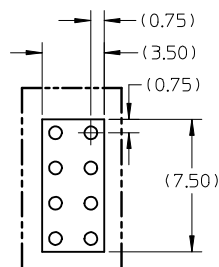
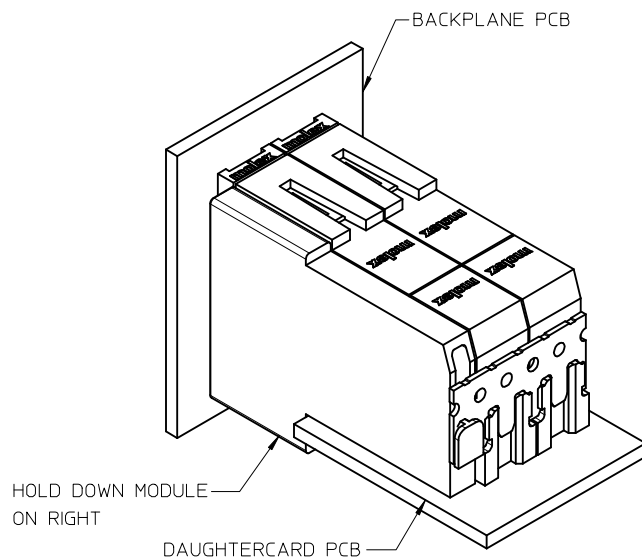
PCB LAYOUT  
(MATED WITH HEADER HOLD DOWN MODULE LEFT)  
COMPONENT SIDE SHOWN

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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM ONLY	NTS	METRIC		
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	
		3 PLACES	± ---	± ---	SHONG	2006/08/15	I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT	
			2 PLACES	± 0.25	± ---	CHECKED BY	DATE	
			1 PLACE	± ---	± ---	LNG	2006/08/25	
			ANGULAR ± 3 °		APPROVED BY	DATE		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		NAGESHKN	2006/08/28		
			SEE TABLE		MATERIAL NO.	DOCUMENT NO.		
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
					MOLEX MOLEX INCORPORATED			
					SD-78232-001		SHEET NO. 2 OF 3	

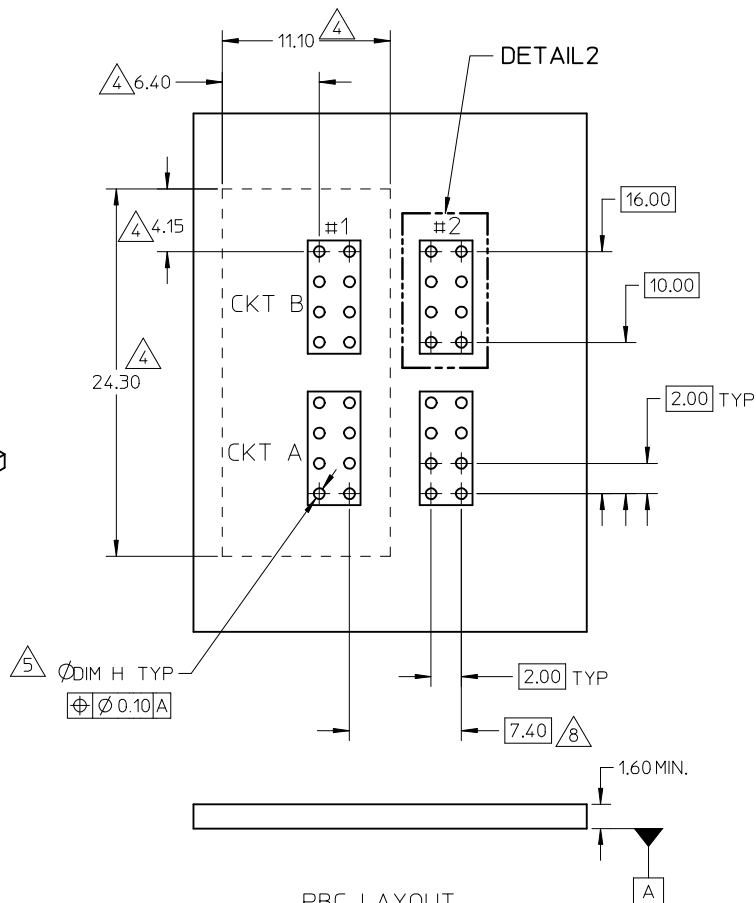
# MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN RIGHT



MATED SYSTEM FOR 78232 & 78234



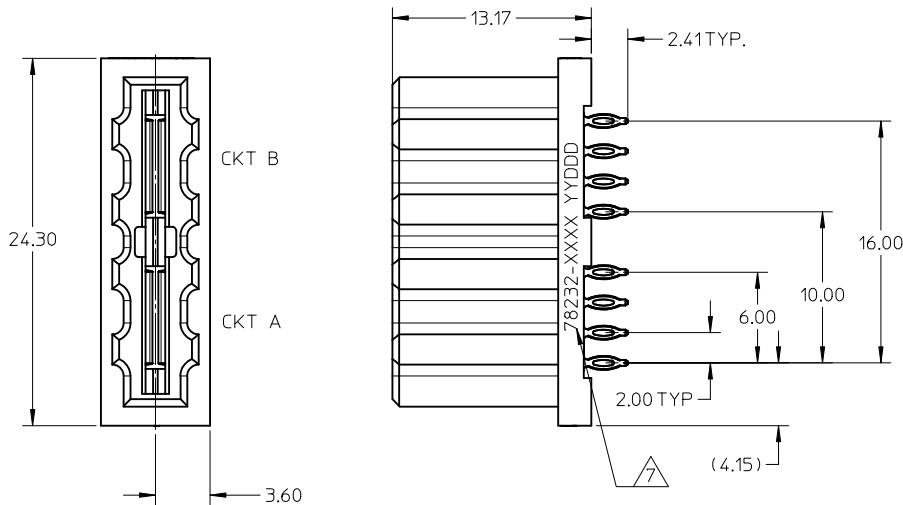
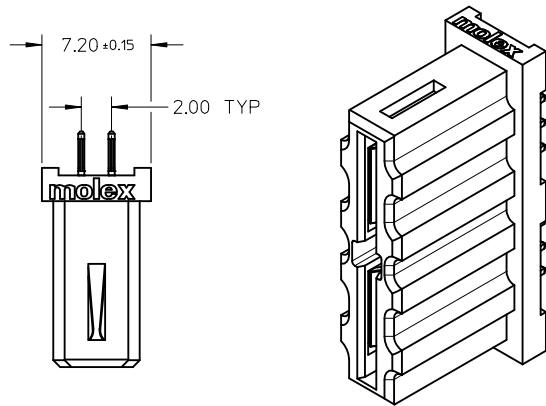
DETAIL2  
COPPER PAD REFERENCE



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

REVISED EC NO: S2009-0287 DRWNK:JKOH 2008/11/27 CHKD:ANG 2008/11/28 APPR:SHONG 2008/12/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\square=0$	mm	INCH	MM ONLY	NTS	METRIC		
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT
		3 PLACES	± ---	± ---	SHONG	2006/08/15		
	2 PLACES	± 0.25	± ---	CHECKED BY	DATE		MOLEX INCORPORATED	
	1 PLACE	± ---	± ---	LNG	2006/08/25			
		ANGULAR ± 3 °		APPROVED BY	DATE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		NAGESHKN	2006/08/28			
				MATERIAL NO.				
				SEE TABLE				
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				A3				

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 1.27 μm 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 1.27 μm MINIMUM NICKEL UNDERPLATE.

- PRODUCT SPECIFICATION: PS-78231-006.
- COMPONENT STAY AWAY ZONE FROM CONNECTOR.
- PCB NOTE FOR PLATED HOLE.

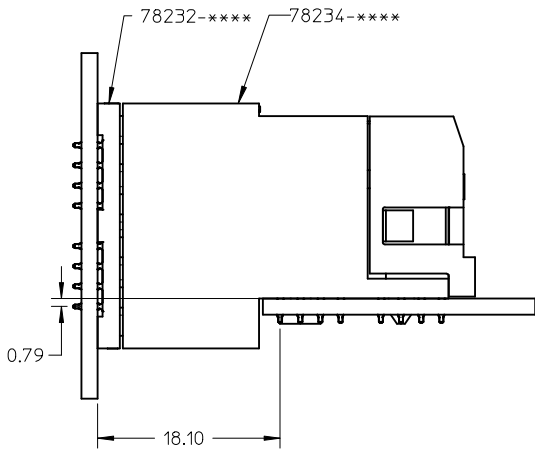
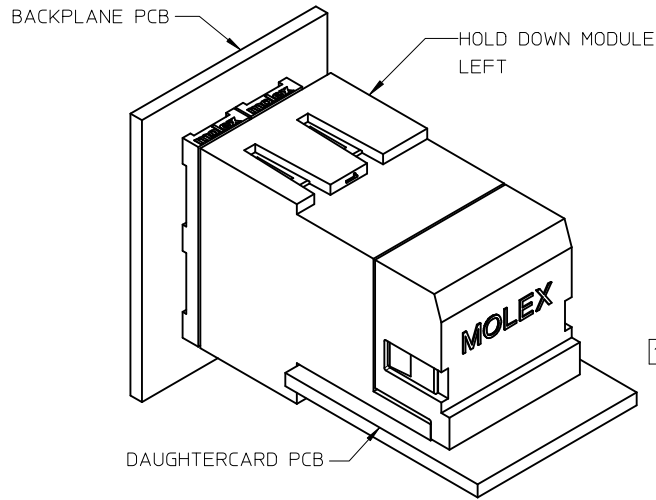
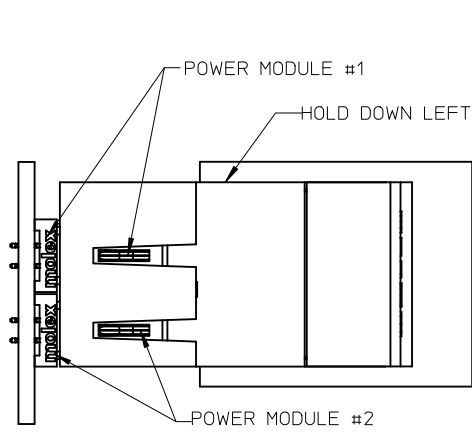
TYPE OF PLATED HOLE	DRILLED HOLE SIZE	PLATING THICKNESS	PLATED HOLE SIZE "ØDIM H"
TIN/TIN-LEAD	0.838	0.007 MIN TIN/TIN-LEAD/SILVER	0.725 ± 0.075
SILVER	0.863	OVER 0.03 TO 0.08 COPPER PLATING	0.750 ± 0.050

SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.

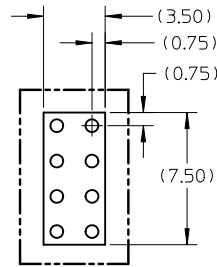
- MATES WITH 78234-\*\*\*\*.
- PART NUMBER AND YEAR-WK CODE.
- ADJACENT POWER MODULE PITCH.
- PACKAGING PROCEDURE AS PER PK-78232-001.

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	I-TRAC POWER, 11 ROW VERTICAL RECEPTACLE PRESS-FIT MOLEX INCORPORATED			
		ANGULAR ± 3 °	CHECKED BY DATE LNG 2006/08/25				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE NAGESHKN 2012/01/06	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		SEE TABLE	SD-78232-011	1 OF 3			

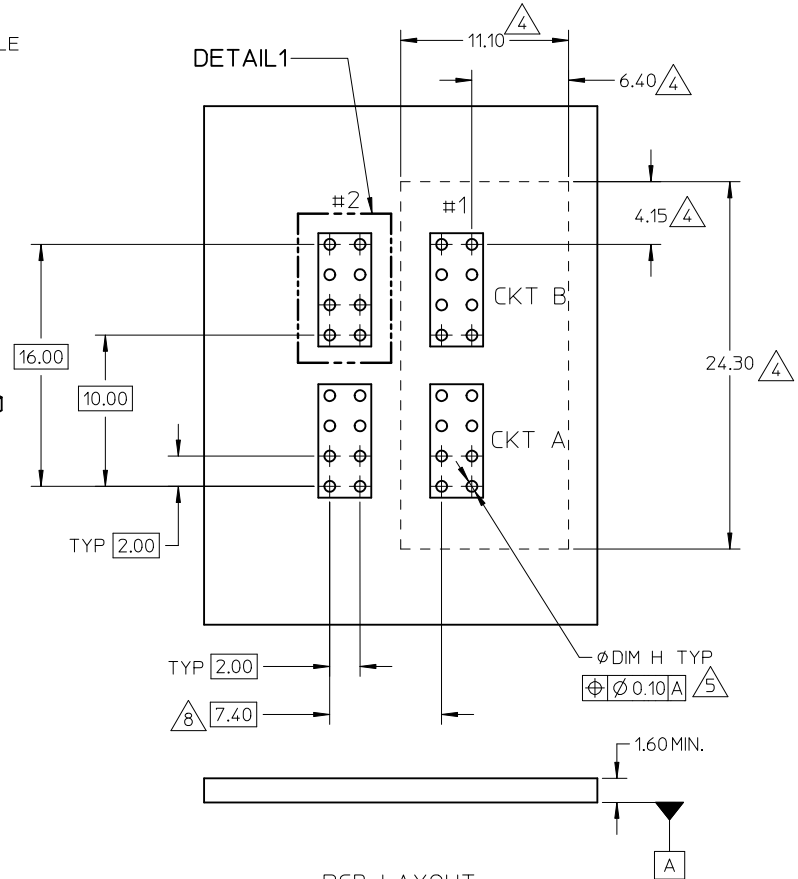
# MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT



MATED SYSTEM FOR 78232 & 78234



DETAIL1  
COPPER PAD REFERENCE



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

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

