

9		8		7		
HEADER WITH LEFT HOLD DOWN (FIGURE 1)						
PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	LEFT HOLD DOWN MODULE LOCATION		
78347-100*	1X	15.00	TIN	REFER TO SHEET 2 FOR DETAILS		
78347-10**	2X	26.40				

HEADER WITH RIGHT HOLD DOWN (FIGURE 2)				
PART NUMBER	NUMBER OF POWER MODULES	"DIM A"	PLATING OPTION	RIGHT HOLD DOWN MODULE LOCATION 
78347-200*	1X	15.00	TIN	REFER TO SHEET 2 FOR DETAILS
78347-20**	2X	26.40		

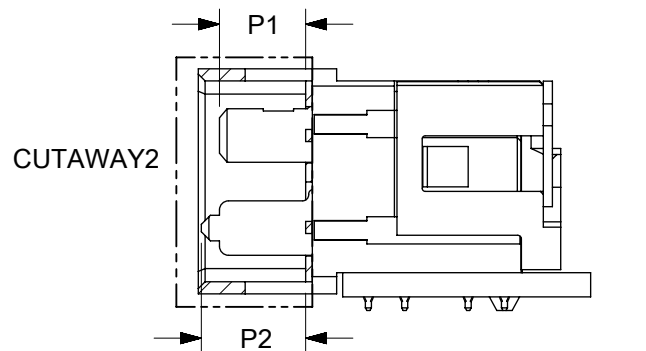


FIGURE 3: BLADE P1 AND P2 LOCATION

NOTES:

1. MATERIALS:
HOUSING - LCP, GLASS FILLED, UL 94-V0, BLACK.
POWER PIN - COPPER ALLOY.
2. FINISHES:
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-78213-001.
4. PACKAGING SPECIFICATION:
PK-78347-001 (1X MODULE WITH HOLD DOWN MODULE)
PK-78347-002 (2X MODULE WITH HOLD DOWN MODULE)
5. REFER TO MOLEX PRODUCT SPECIFICATION PS-78213-001 FOR
PLATED THROUGH-HOLE SPECIFICATIONS AND TORQUE FORCE.
6. MATES WITH 78212-**** or 78348-****.
7. PART NUMBER AND YEAR-DAY CODE CAN BE AT THE OPPOSITE SIDE.
8. ADD 11.40mm FOR EACH ADDITIONAL POWER MODULE.
9. THE DETAILS FOR LEFT & RIGHT HOLD DOWN OPTION ARE SHOWN
IN SHEET 2, 3 AND SHEET 4 RESPECTIVELY.
10. CONNECTORS ARE PACKED IN A TRAY.
11. FIRST POWER MODULE (#1) STARTS FROM THE RIGHT.
12. REFER TO SD-78211-002 FOR DETAILS OF THE POWER MODULE.
13. ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING
SCREW PART NUMBER 73726-0000.
14. COMPONENT STAY AWAY ZONE FROM CONNECTOR.

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/13	10:32:46
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FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

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

POWER MODULE 2		
*	BLADE LENGTH	
	P1	P2
0	MODULE NOT PRESENT	
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90

POWER MODULE 1		
*	BLADE LENGTH	
	P1	P2
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90

FIGURE 1: HEADER WITH LEFT HOLD DOWN

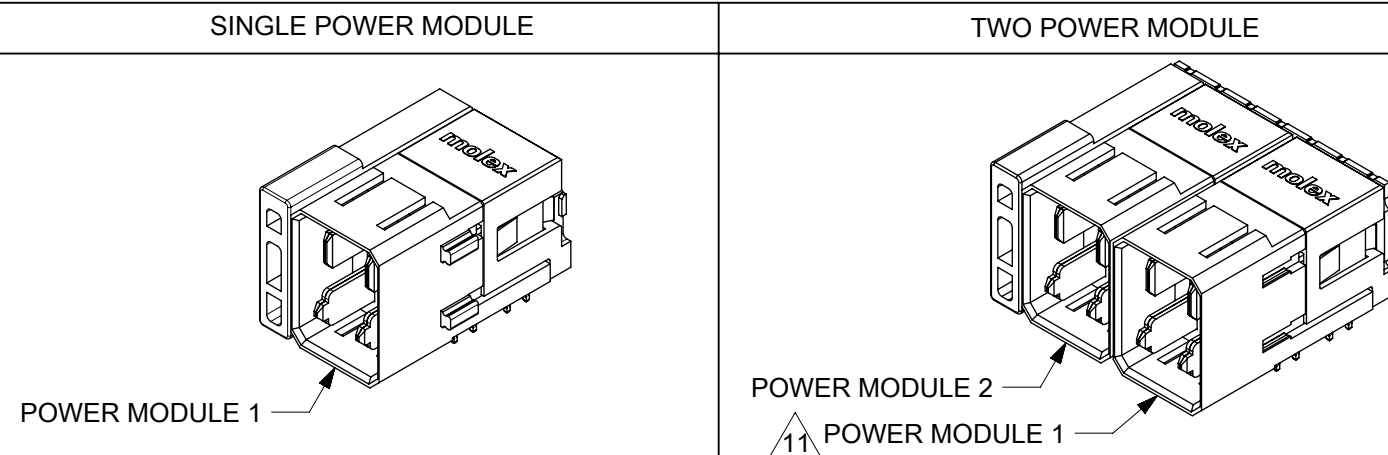
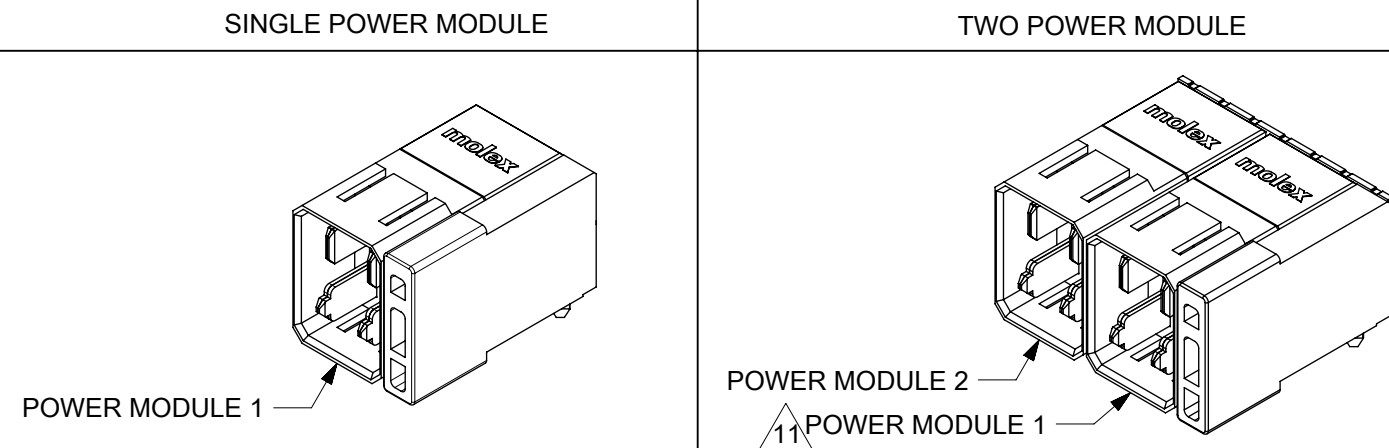
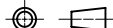
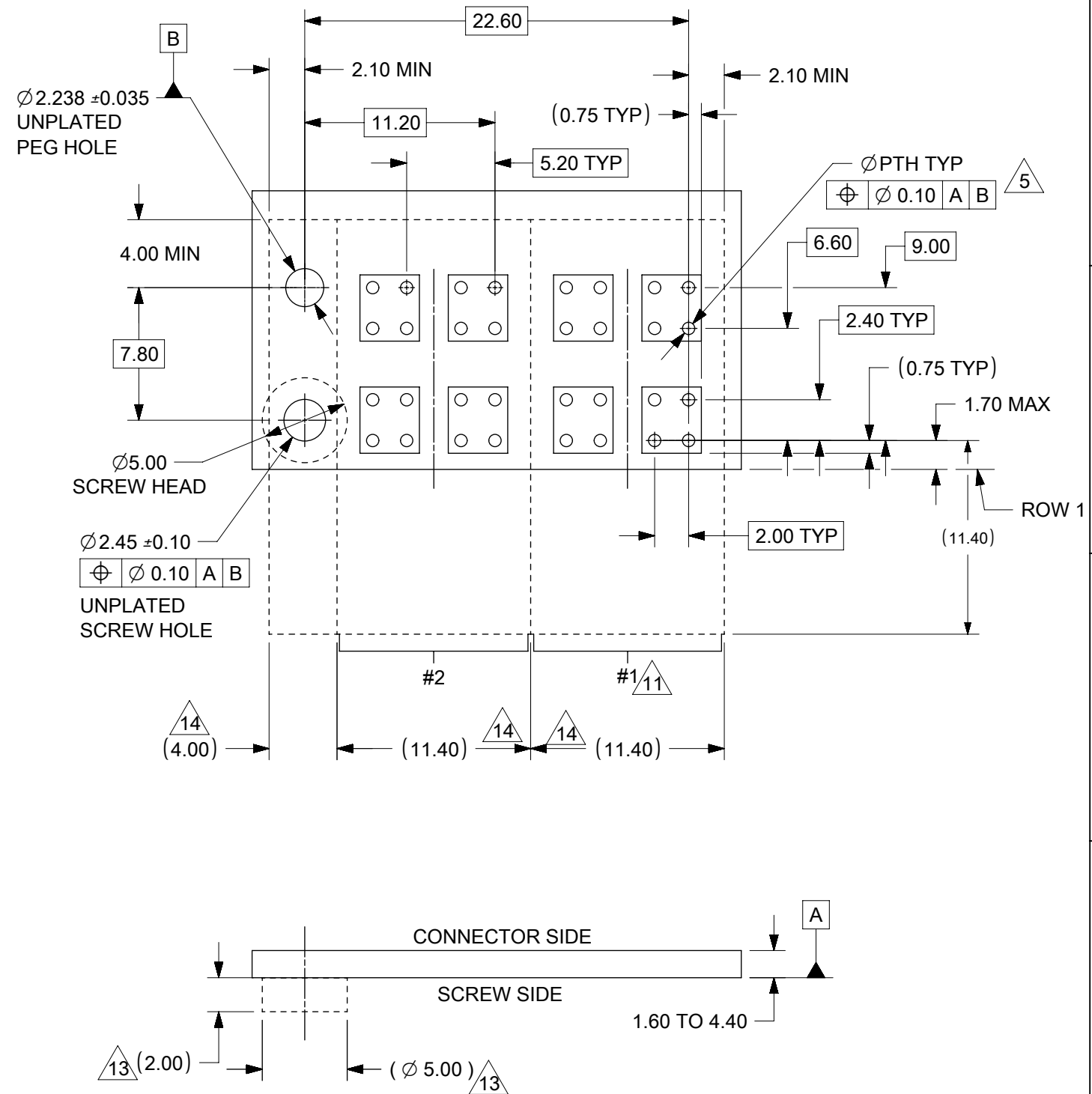
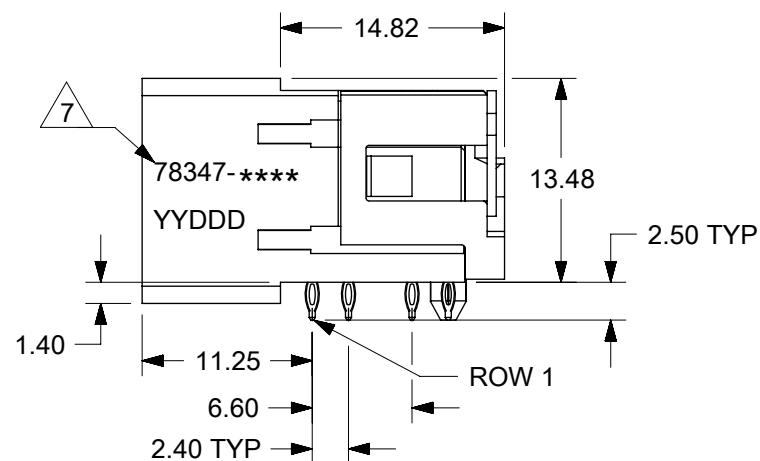
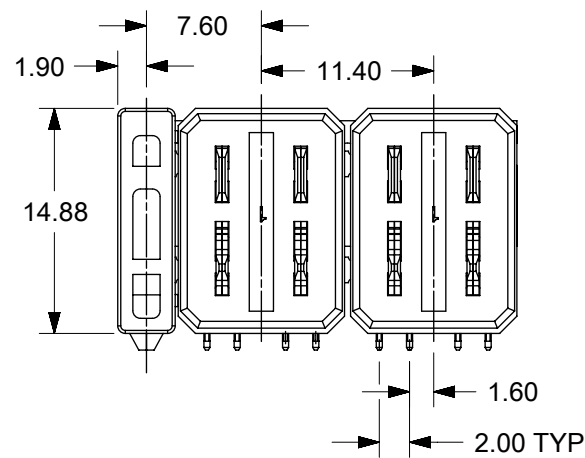
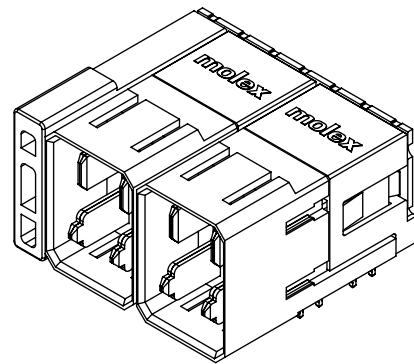
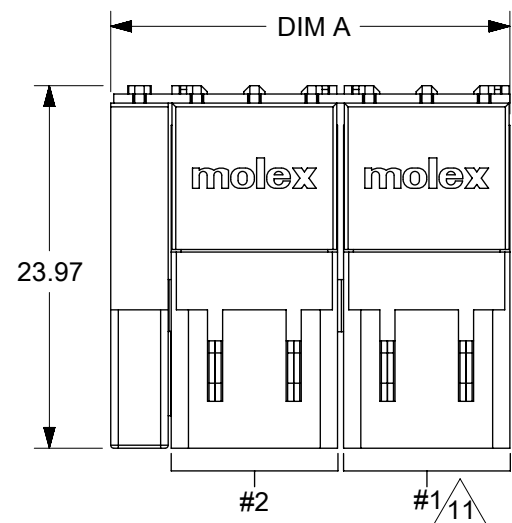


FIGURE 2: HEADER WITH RIGHT HOLD DOWN

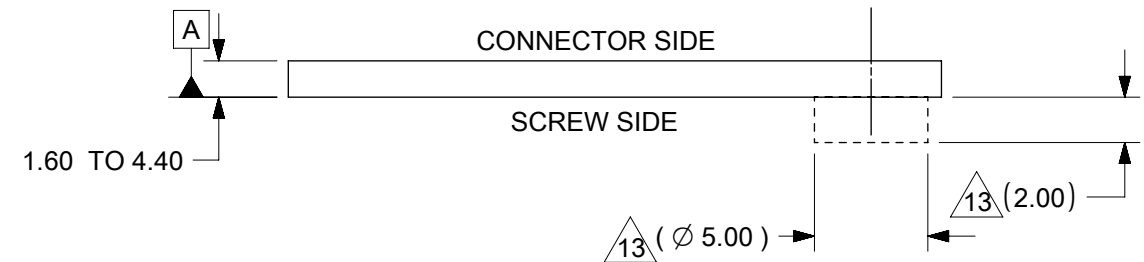
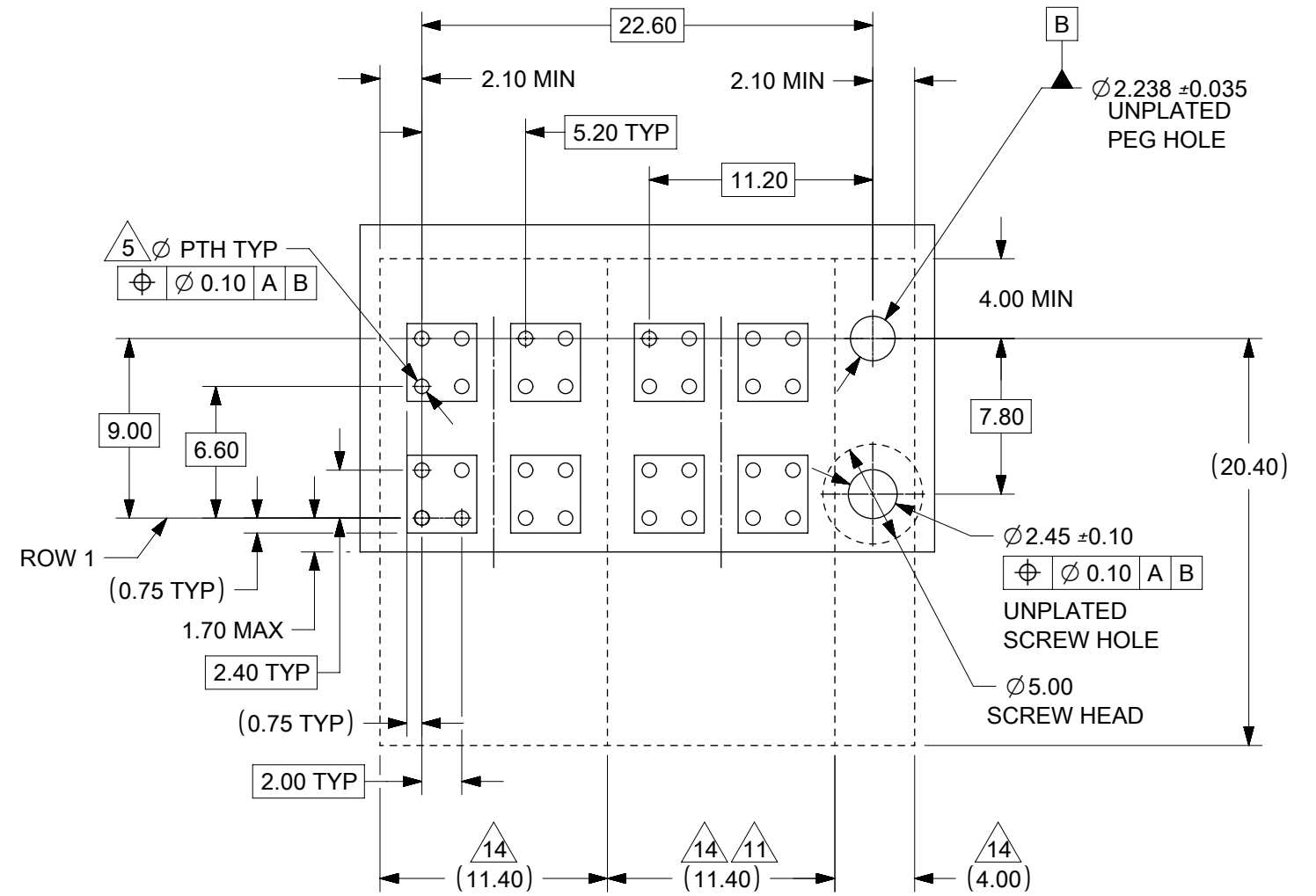
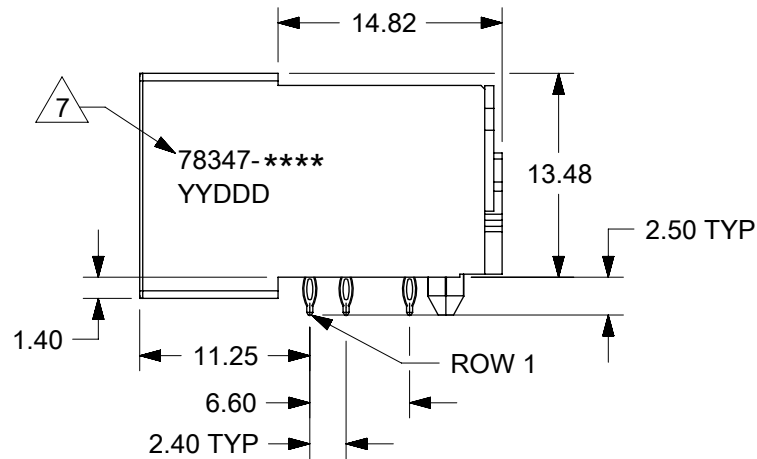
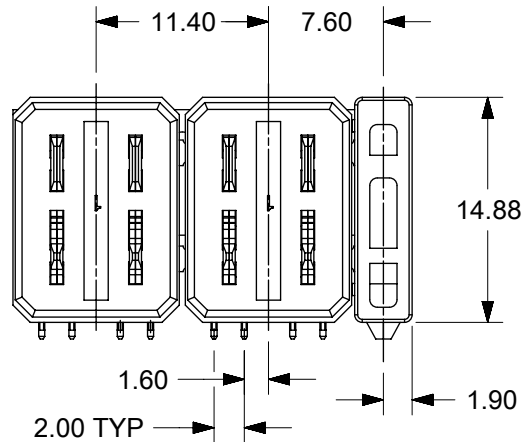
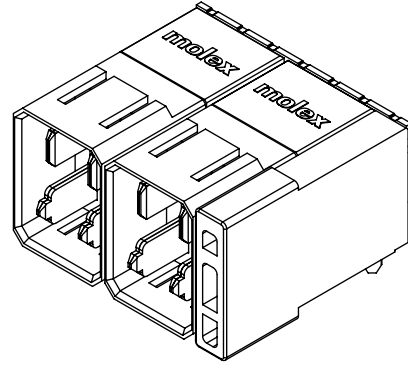


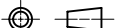
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT											
ANGULAR TOL ± 3.0 °															
4 PLACES		±		EC NO: 612508		PRODUCT CUSTOMER DRAWING									
3 PLACES		±		DRWN: PSHANKARACHA 2019/01/17											
2 PLACES		± 0.25		CHK'D: ABN 2019/03/12											
1 PLACE		±		APPR: CWANG25 2019/03/13		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
0 PLACES		±		INITIAL REVISION:											
DRWN: LNG 2010/08/11				SD-78347-001		PSD		001		B8					
APPR: SHONG 2011/02/08															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		78347		SEE TABLE		GENERAL MARKET		1 OF 5			

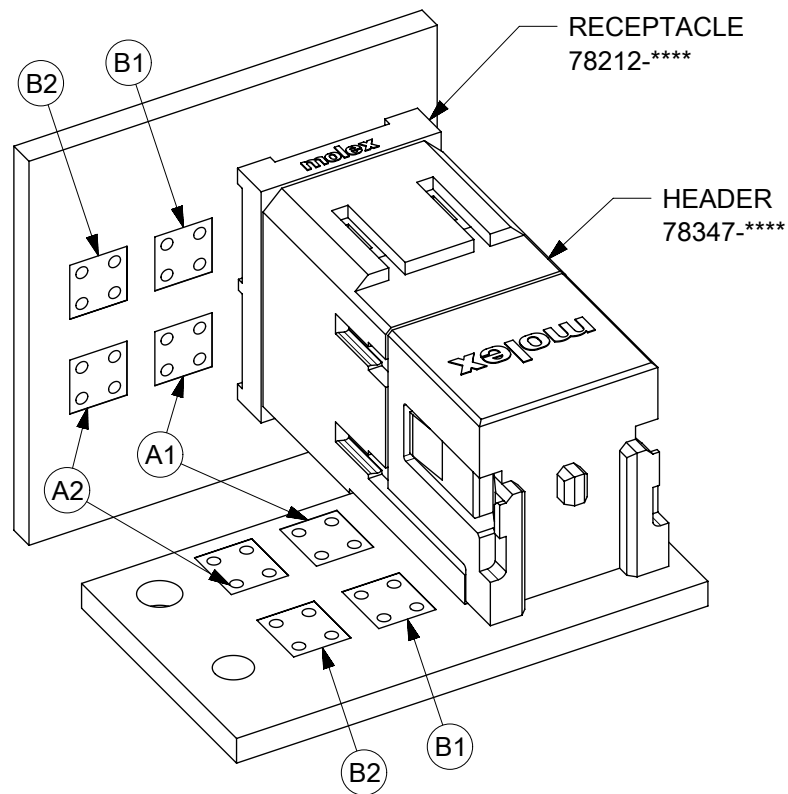
LEFT HOLD DOWN OPTION



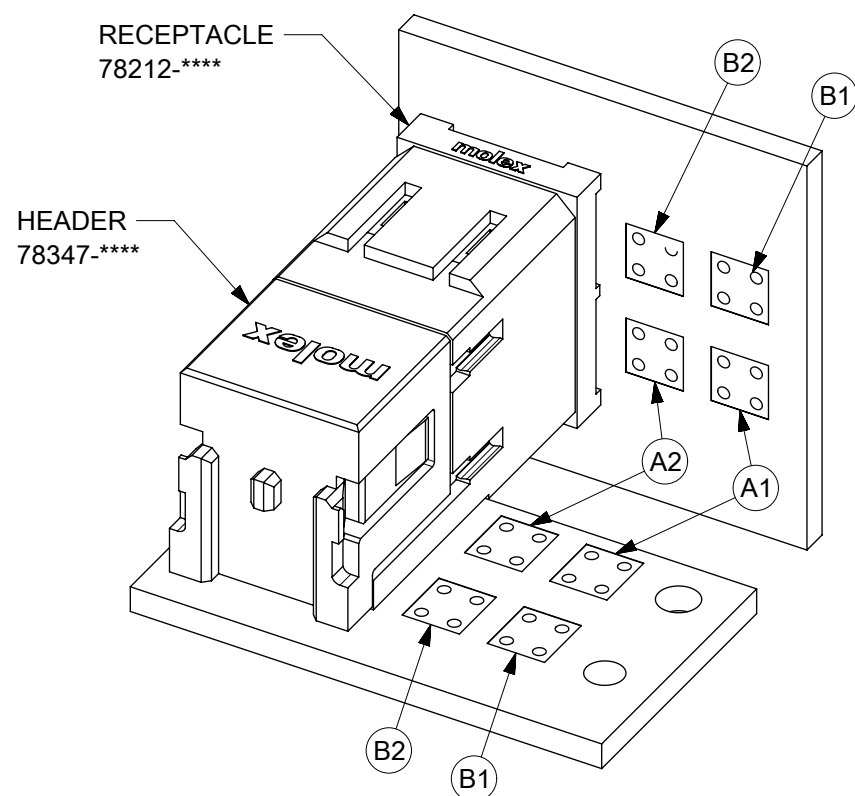
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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT											
ANGULAR TOL ± 3.0 °															
4 PLACES ±															
3 PLACES ±				PRODUCT CUSTOMER DRAWING											
2 PLACES ± 0.25															
1 PLACE ±				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		78347		SEE TABLE		GENERAL MARKET		2 OF 5	



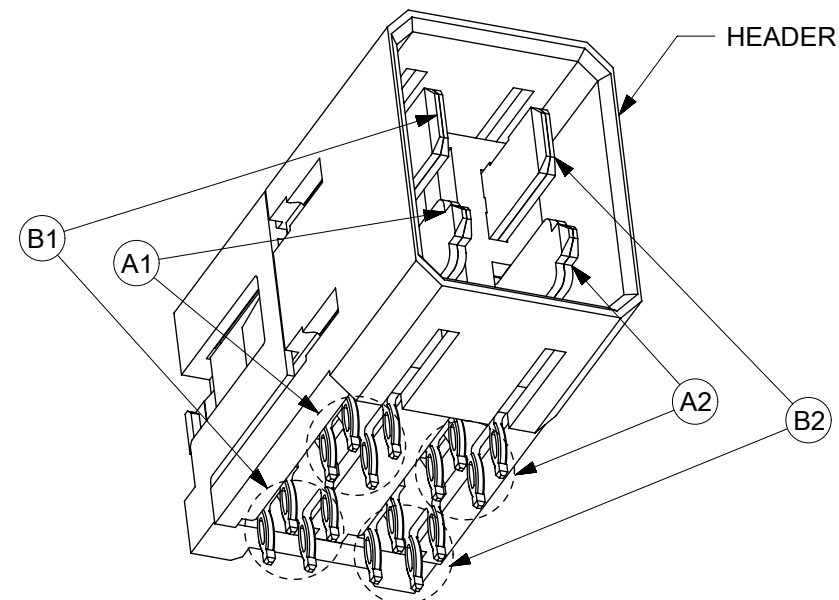
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX			molex			
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 612508 DRWN: PSHANKARACHA 2019/01/17 CHK'D: ABN 2019/03/12 APPR: CWANG25 2019/03/13						
ANGULAR TOL ± 3.0 °										
4 PLACES		±								
3 PLACES		±		PRODUCT CUSTOMER DRAWING						
2 PLACES		± 0.25								
INITIAL REVISION:				DOCUMENT NUMBER SD-78347-001			DOC TYPE PSD	DOC PART 001	REVISION B8	
1 PLACE		±								
0 PLACES		±		2010/08/11 2011/02/08						
DRWN: LNG APPR: SHONG										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A3-SIZE	78347	SEE TABLE		GENERAL MARKET		3 OF 5



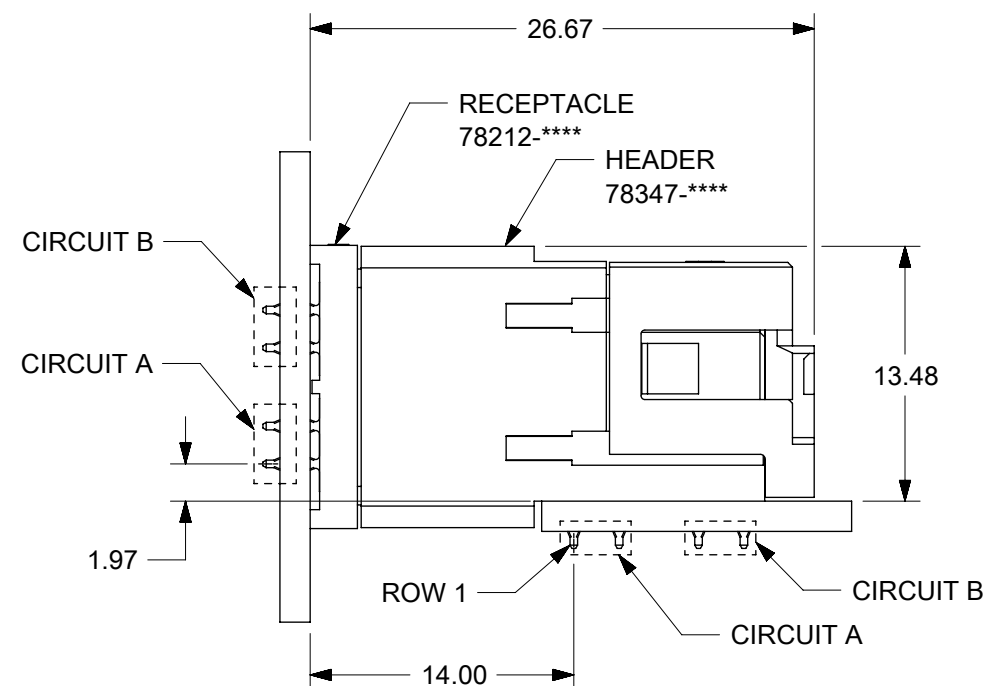
RIGHT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



LEFT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



PIN NUMBER ASSIGNMENT BASED ON HEADER SIDE:
A1, B1 ON THE LEFT,
A2, B2 ON THE RIGHT.



MATED SYSTEM OF 78347 & 78212

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± 3.0 °									
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.25							
INITIAL REVISION:				DOCUMENT NUMBER SD-78347-001 DOC TYPE PSD DOC PART 001 REVISION B8					
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CHK'D: ABN 2019/03/12									
APPR: CWANG25 2019/03/13									
2010/08/11				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
2011/02/08									
2011/02/08									
DRWN: LNG				THIRD ANGLE PROJECTION  DRAWING A3-SIZE SERIES 78347					
APPR: SHONG									