

Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)
[0783471001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

10 9 8 7 6 5 4 3 2 1

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 3 FOR DETAILS
78347-20**	2X	26.40		

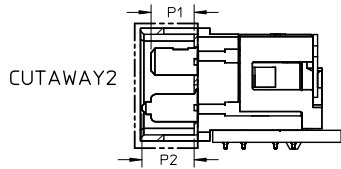


FIGURE 3: BLADE P1 AND P2 LOCATION

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)

REFER TO MOLEX PRODUCT SPECIFICATION PS-78213-001 FOR
PLATED THROUGH-HOLE SPECIFICATIONS AND TORQUE FORCE.

6. MATES WITH 78212-**** or 78348-****.

PART NUMBER AND YEAR-DAY CODE CAN BE AT THE OPPOSITE SIDE.

ADD 11.40mm FOR EACH ADDITIONAL POWER MODULE.

THE DETAILS FOR LEFT & RIGHT HOLD DOWN OPTION ARE SHOWN
IN SHEET 2, 3 AND SHEET 4 RESPECTIVELY.

CONNECTORS ARE PACKED IN A TRAY.

FIRST POWER MODULE (#1) STARTS FROM THE RIGHT.

REFER TO SD-78211-002 FOR DETAILS OF THE POWER MODULE.

ALL PARTS ARE SHIPPED WITH A 2-32 TYPE AB SELF-TAPPING

SCREW PART NUMBER 73726-0000.

COMPONENT STAY AWAY ZONE FROM CONNECTOR.

78347-0**

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

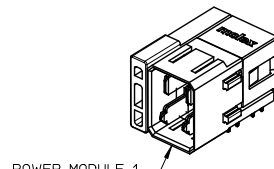
*	POWER MODULE 2	
	BLADE LENGTH	
	P1	P2
0	MODULE NOT PRESENT	
1	6.90	6.90
2	5.70	5.70
3	6.90	5.70
4	5.70	6.90

*	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

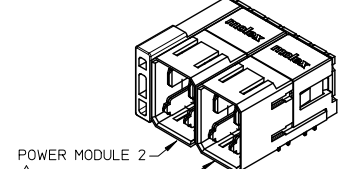
FIGURE 1: HEADER WITH LEFT HOLD DOWN

SINGLE POWER MODULE

TWO POWER MODULE



POWER MODULE 1



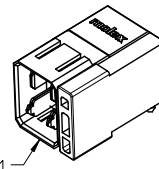
POWER MODULE 2

POWER MODULE 1

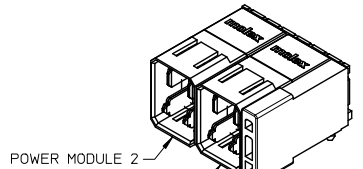
FIGURE 2: HEADER WITH RIGHT HOLD DOWN

SINGLE POWER MODULE

TWO POWER MODULE



POWER MODULE 1



POWER MODULE 2

POWER MODULE 1

SEE SHEET 3
EC NO: S2016-0735
DRAWN: SHONG
CHKD: BOKK
APPR: SHONG
REV
DESCRIPTION
2016/02/16
2016/02/22
2016/02/22

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.25	±---
1 PLACE	±---	±---
0 PLACE	±---	±---

ANGULAR ± 3°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
ANG	2009/08/21

CHECKED BY	DATE
LNG	2009/08/27

APPROVED BY	DATE
SHONG	2011/02/08

MATERIAL NO.
SEE TABLE

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
IMPACT POWER, 3 PAIR
R/A HEADER W/HOLD DOWN
PRESS-FIT

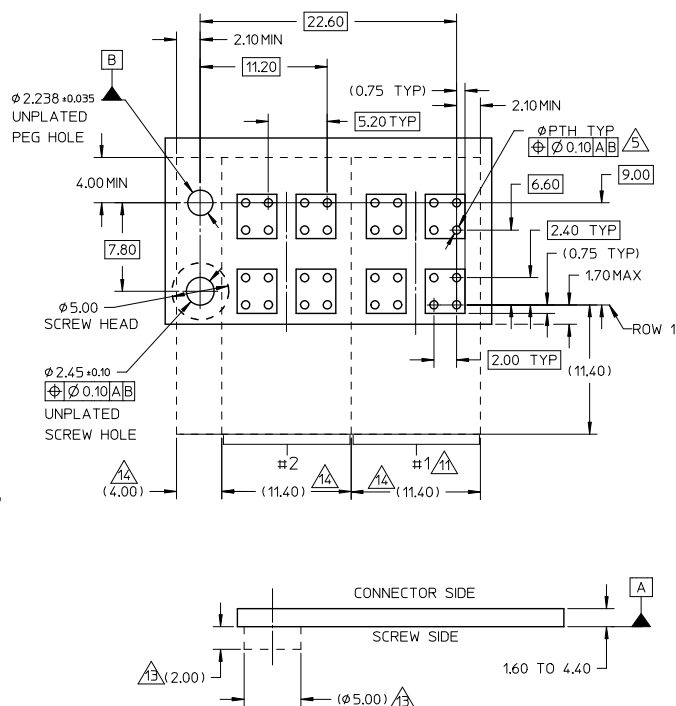
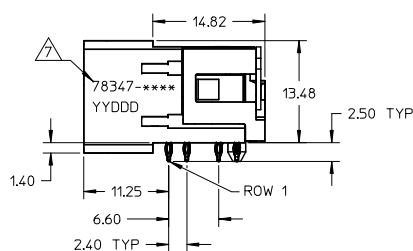
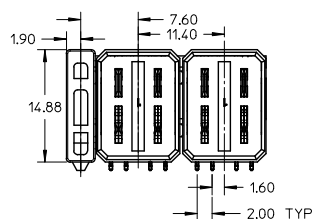
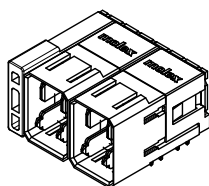
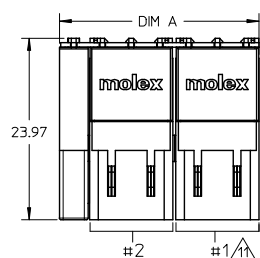
molex

DOCUMENT NO.
SD-78347-001

SHEET NO.
1 OF 5

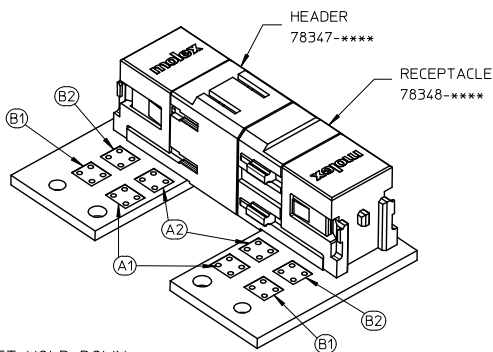
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Rev. G 2012/01/11

LEFT HOLD DOWN OPTION

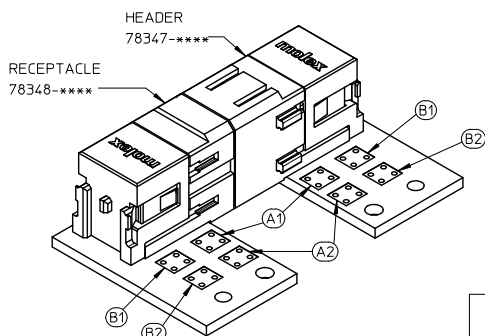


SEE SHEET 3 EC NO. S2016-0735 DRAWN: SHONG CHKD:BOOKK APPR:SHENI 2016/02/16 2016/02/22 2016/02/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	 =0  =0  =0  =0		mm	INCH	DRAWN BY	DATE	TITLE IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT molex MATERIAL NO. SD-78347-001 DOCUMENT NO. 2 OF 5				
		4 PLACES	± ---	± ---	ANG	2009/08/21					
		3 PLACES	± ---	± ---	CHECKED BY	DATE					
		2 PLACES	± 0.25	± ---	LNG	2009/08/27					
		1 PLACE	± ---	± ---	APPROVED BY	DATE					
		0 PLACE	± ---	± ---	SHONG	2011/02/08					
		ANGULAR ± 3 °				SEE TABLE					
		DRAFT WHERE APPLICABLE				SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		MUST REMAIN WITHIN DIMENSIONS									
B7	REV										

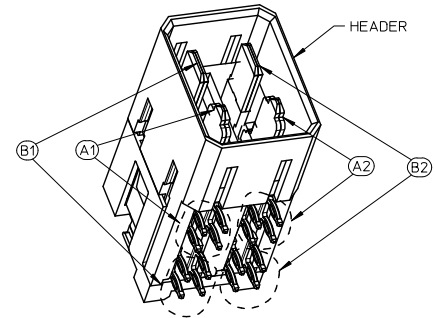
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Rev. G 2012/01/11



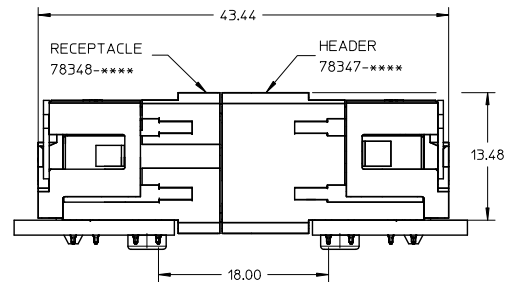
LEFT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



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

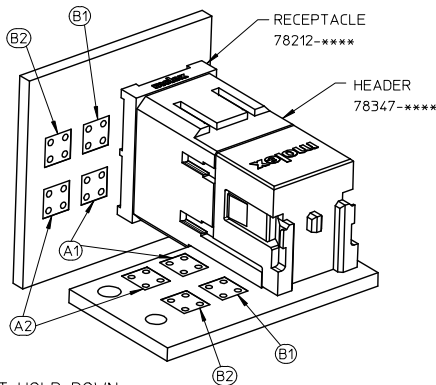


PIN NUMBER ASSIGNMENT BASED ON HEADER SIDE:
A1, B1 ON THE LEFT,
A2, B2 ON THE RIGHT.

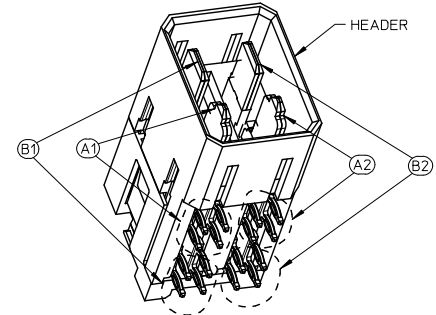


MATED SYSTEM OF 78347 & 78348

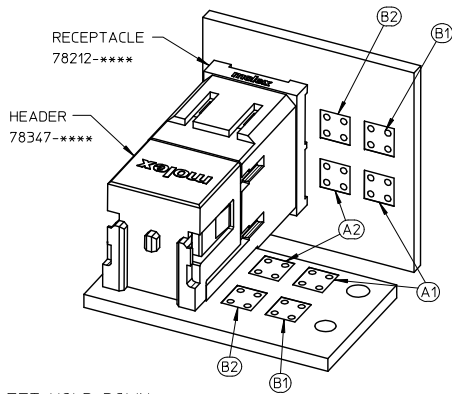
SEE SHEET 3 EC NO: S2016-0735 DRAWN: SHONG CHKD: BOKOK APPR: SHENI REV B7	2016/02/16	2016/02/22	2016/02/22	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT POWER, 3 PAIR R/A HEADER W/HOLD DOWN PRESS-FIT molex DOCUMENT NO. SD-78347-001	SHEET NO. 4 OF 5	



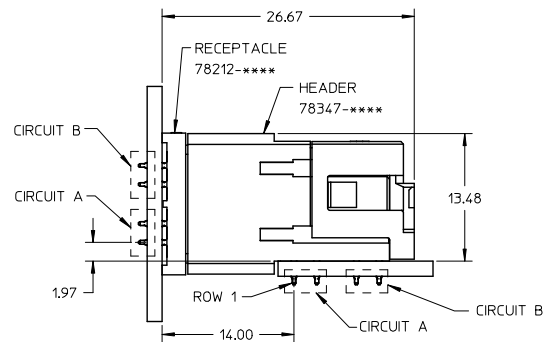
RIGHT HOLD DOWN:
1 POWER MODULE AND HOLD DOWN REMOVED TO
ILLUSTRATE CIRCUIT PATH OF MATED SYSTEM



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



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



MATED SYSTEM OF 78347 & 78212

SEE SHEET 3 EC NO: S2016-0735 DRAWN: SHONG CHKD: BOKK APPR: SHENI B7	2016/02/16	2016/02/22	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
	2016/02/16	2016/02/22						MM ONLY		NTS	METRIC			
					mm	INCH	DRAWN BY	DATE	TITLE					
					4 PLACES	± ---	± ---	ANG	2009/08/21	IMPACT POWER, 3 PAIR				
					3 PLACES	± ---	± ---	CHECKED BY	DATE	R/A HEADER W/HOLD DOWN				
					2 PLACES	± 0.25	± ---	LNG	2009/08/27	PRESS-FIT				
					1 PLACE	± ---	± ---	APPROVED BY	DATE	molex				
					0 PLACE	± ---	± ---	SHONG	2011/02/08					
					ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-78347-001			5 OF 5	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						