

Excellent Integrated System Limited

Stocking Distributor

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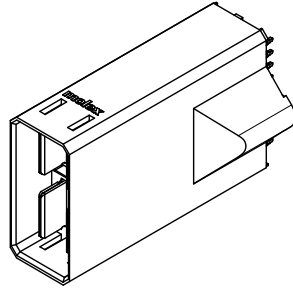
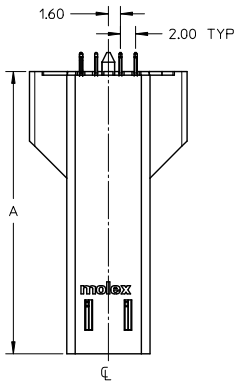
[Molex Connector Corporation](#)
[0784461022](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

10 9 8 7 6 5 4 3 2 1

PART NUMBER	STACK HEIGHT	DIMENSION A	PLATING OPTIONS	PACKAGING
78446-3222	32	29.25	TIN PLATING	TRAY
78446-3822	38	35.25		
78446-1022	40	37.25		



NOTES:

1. MATERIAL:

HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK
POWER PIN - COPPER ALLOY

2. FINISHES:

TIN - 0.764μm MINIMUM GOLD AT CONTACT AND
2.544μm MINIMUM TIN AT SOLDER TAIL AREA OVER
1.274μm MINIMUM NICKEL UNDERPLATE OVERALL.

3. PRODUCT SPECIFICATION: PS-78213-001.

4. PACKAGING SPECIFICATION: PK-78446-001.

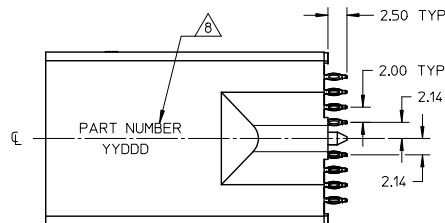
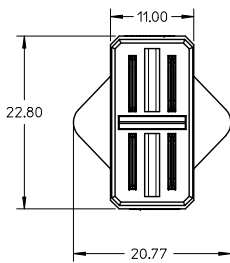
5. MATES WITH 78216-****.

6. REFER SHEET 2 FOR RECOMMENDED PCB LAYOUT.

7. REFER TO MOLEX PRODUCT SPECIFICATION PS-78213-001 FOR PLATED THROUGH-HOLE SPECIFICATIONS.

8. PART NUMBER AND DATE CODE (YYDD) APPROXIMATELY SHOWN.
9. KEEP OUT ZONE FROM OTHER COMPONENTS.

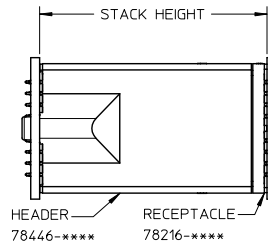
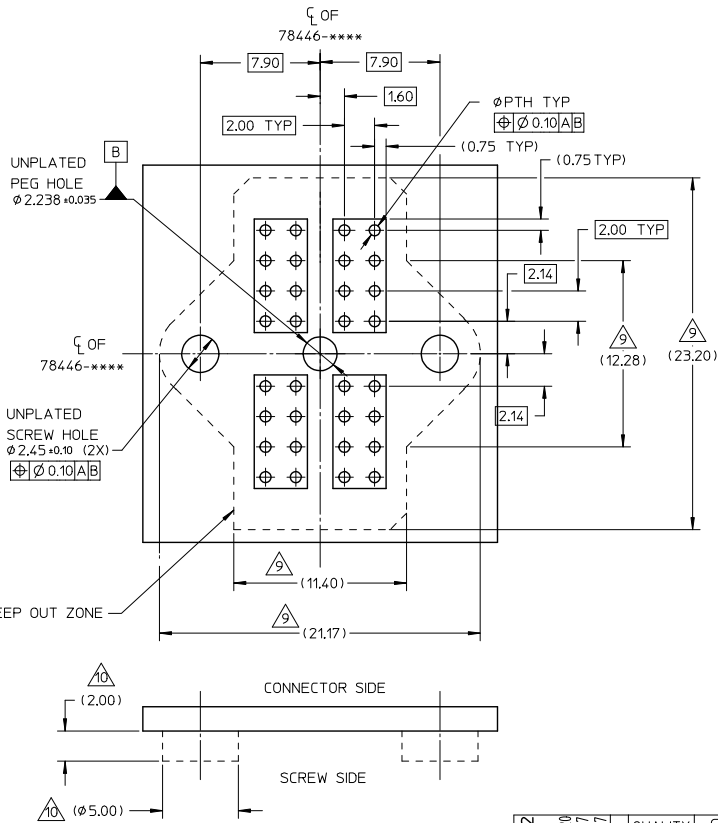
10. PARTS ARE SHIPPED WITH #2-32 TYPE AB SELF-TAPPING SCREW
PART NUMBER 73726-0000.



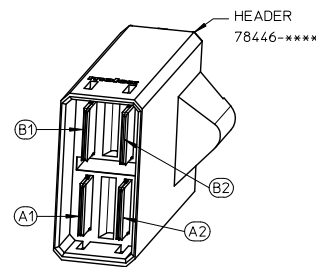
ADD P/N: 78446-3222 EC NO: S2014-0872 DRAWN: SHONG CHKD: CHOH APPR: SHENI	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			 =0	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	
			 =0	3 PLACES	± ---	± ---	NG	2010/04/15		
			 =0	2 PLACES	± 0.25	± ---	CHECKED BY	DATE	IMPACT POWER, 5 PAIR VERTICAL HEADER	
	 =0	1 PLACE	± ---	± ---	CTCHO	2010/06/18				
	ANGULAR ± 3 °		APPROVED BY	DATE	 MOLEX INCORPORATED					
			SHONG	2010/06/29						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-78446-001		SHEET NO. 1 OF 2			
	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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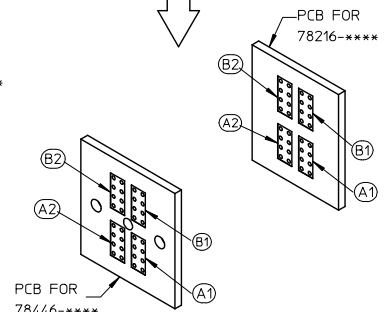
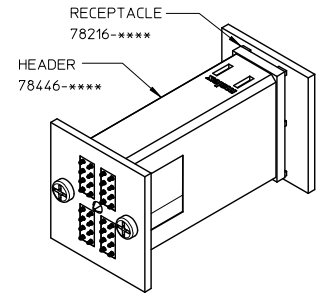
10 9 8 7 6 5 4 3 2 1



MATED SYSTEM OF 78446 & 78216



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



CIRCUIT PATH OF MATED SYSTEM

RECOMMENDED PCB LAYOUT
(COMPONENT SIDE SHOWN)
BOARD THICKNESS: 1.60mm to 4.40mm

ADD P/N: 78446-3222 EC NO: S2014-0872 DATE: 2015/04/20 CHKD: SHONG APPR: SHILENI DATE: 2015/04/07	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY	DATE	IMPACT POWER, 5 PAIR VERTICAL HEADER						
			4 PLACES	± ---	± ---	LNG	2010/04/15							
			3 PLACES	± ---	± ---	CHECKED BY	DATE							
			2 PLACES	± 0.25	± ---	CTCHO	2010/06/18	MOLEX INCORPORATED						
			1 PLACE	± ---	± ---	APPROVED BY	DATE							
			ANGULAR ± 3°			SHONG	2010/06/29	SD-78446-001						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.						DOCUMENT NO.		SHEET NO.
						SEE TABLE								2 OF 2
			SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

9 8 7 6 5 4 3 2 1