



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

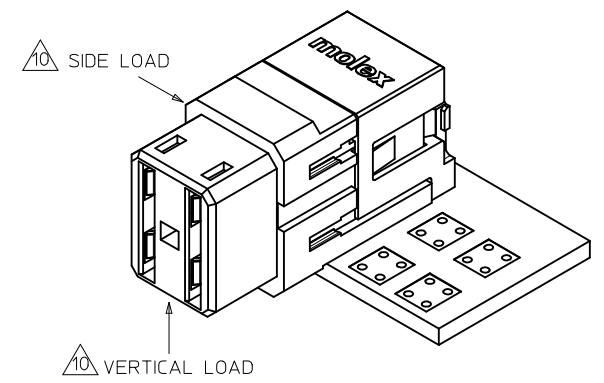
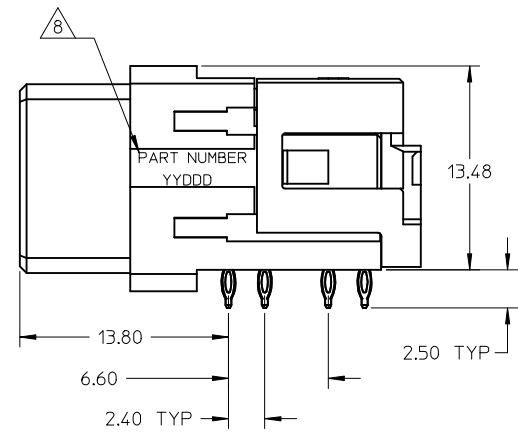
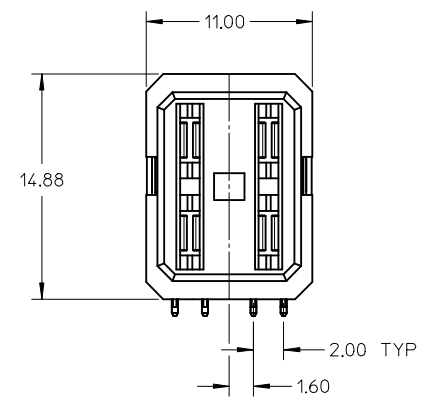
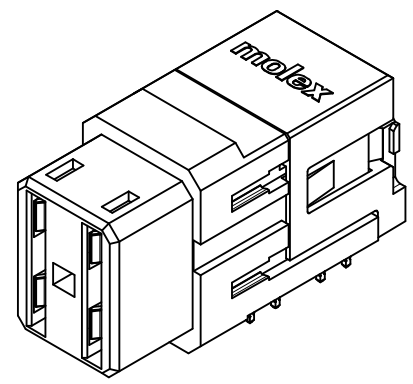
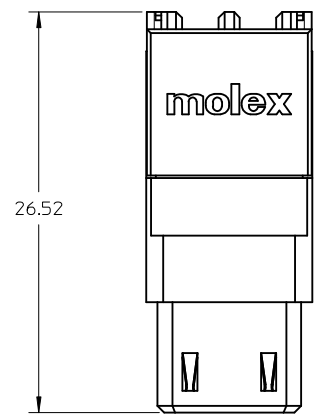
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

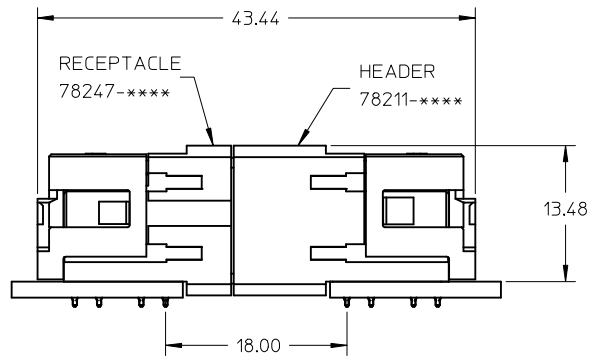


10	9	8	7	6	5	4	3	2	1
PART NUMBER	PLATING OPTIONS	PACKAGING							
78247-1001	TIN PLATING	TRAY							

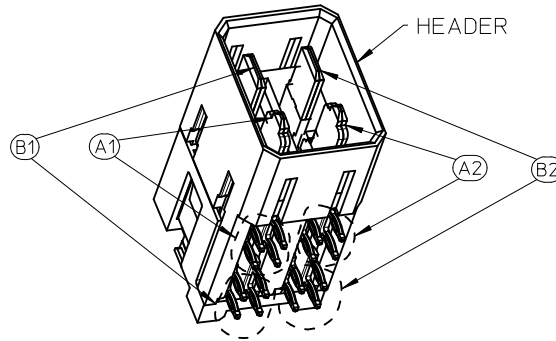
- NOTES:
- MATERIAL:
HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK
POWER PIN - COPPER ALLOY
 - FINISHES:
TIN - 0.764μm MINIMUM GOLD AT CONTACT AND
2.54μm MINIMUM TIN AT SOLDERTAIL AREA OVER
1.27μm MINIMUM NICKEL UNDERPLATE OVERALL.
 - PRODUCT SPECIFICATION: PS-78213-001.
 - PACKAGING SPECIFICATION: PK-78247-001.
 - MATES WITH 78211-**** & 78399-****.
 - REFER TO SHEET 3 FOR RECOMMENDED PCB LAYOUT.
 - REFER TO MOLEX PRODUCT SPECIFICATION PS-78213-001 FOR PLATED THROUGH-HOLE SPECIFICATIONS.
 - PART NUMBER AND DATE CODE (YYDDD) APPROXIMATELY SHOWN.
 - KEEP OUT ZONE FROM OTHER COMPONENTS.
 - CONNECTOR-TO-PCB RETENTION FORCE SHALL WITHSTAND VERTICAL AND SIDE LOAD OF 1.5KGF AND 3.0KGF MAXIMUM RESPECTIVELY. FOR APPLICATION THAT REQUIRES MORE CONNECTOR-TO-PCB RETENTION FORCE, PLEASE CONTACT MOLEX SALES TECHNICAL PERSONNEL FOR RECOMMENDATION.



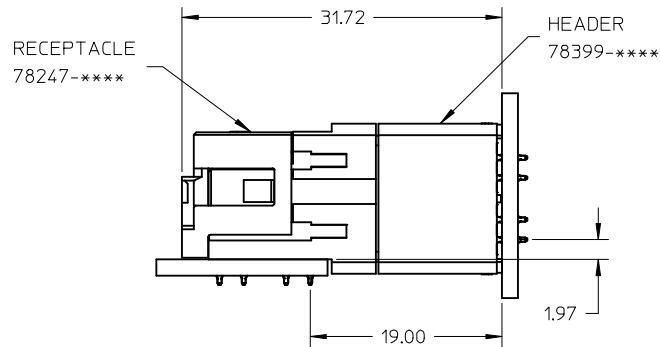
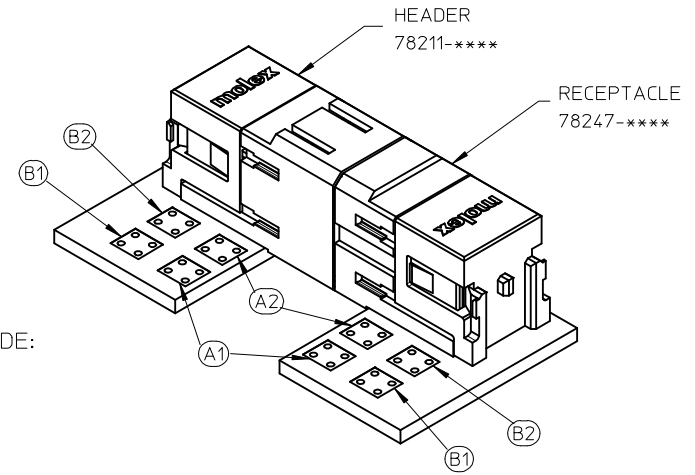
SEE SHEET 2 EC NO: S2014-0872 DRWN: SHONG CHKD: HICGOH APPR: SHILENI 2014/12/16 2015/04/07 2015/04/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\square=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	MM ONLY	NTS	METRIC	
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± 0.25	± ---																			
1 PLACE	± ---	± ---																			
DRAWN BY: KJKOH CHECKED BY: LNG APPROVED BY: SHONG DATE: 2008/09/25 DATE: 2008/10/29 DATE: 2008/10/29	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		TITLE: IMPACT POWER, 3 PAIR RIGHT ANGLE RECEPTACLE PRESS-FIT		MOLEX INCORPORATED																
A4	REV	SIZE: A3	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-78247-001		SHEET NO. 1 OF 3																



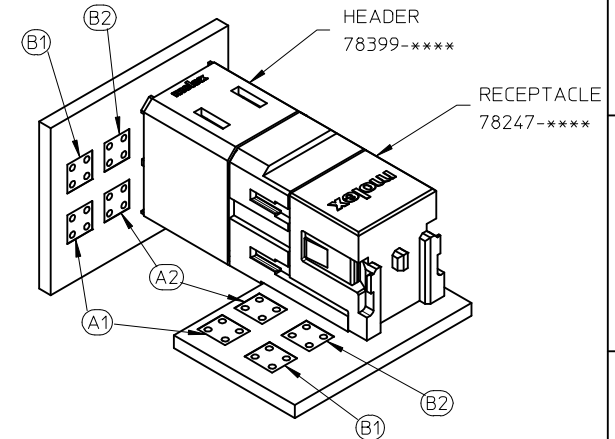
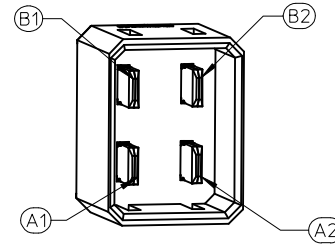
RIGHT ANGLE RECEPTACLE (78247) & RIGHT ANGLE HEADER (78211)



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



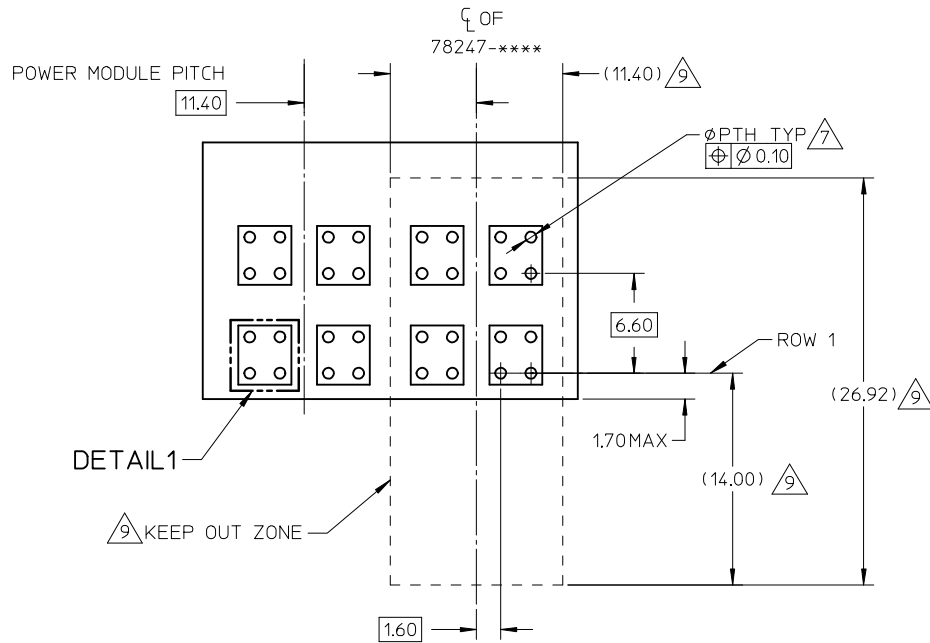
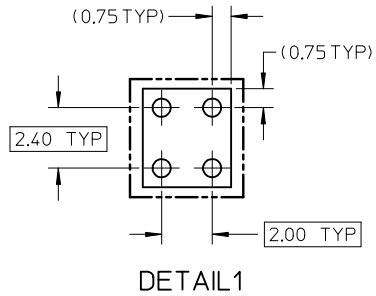
RIGHT ANGLE RECEPTACLE (78247) & VERTICAL HEADER (78399)



5 MATED SYSTEM OPTIONS WITH 78247

CIRCUIT PATH OF MATED SYSTEM

ADD VIEWS EC NO: S2014-0872 DRWN: SHONG 2014/12/16 CHKD: HICGOH 2015/04/07 APPR: SHILENI 2015/04/07	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
			<table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	DRAWN BY: KJKOH DATE: 2008/09/25	TITLE: IMPACT POWER, 3 PAIR RIGHT ANGLE RECEPTACLE PRESS-FIT			
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1 PLACE	± ---	± ---																					
		ANGULAR ± 3 °	CHECKED BY: LNG DATE: 2008/10/29	MOLEX INCORPORATED																			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: SHONG DATE: 2008/10/29	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-78247-001	SHEET NO. 2 OF 3																	



RECOMMENDED PCB LAYOUT

(COMPONENT SIDE SHOWN)
MINIMUM BOARD THICKNESS: 1.60mm

SEE SHEET 2 EC NO: S2014-0872 DRWN: SHONG 2014/12/16 CHKD: HICGOH 2015/04/07 APPR: SILENI 2015/04/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ∇=0	mm INCH	MM ONLY	NTS	METRIC	
		4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
		3 PLACES ± --- ± ---	KJKOH 2008/09/25	IMPACT POWER, 3 PAIR RIGHT ANGLE RECEPTACLE PRESS-FIT		
	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	MOLEX INCORPORATED			
	1 PLACE ± --- ± ---	LNG 2008/10/29	DOCUMENT NO.			
	ANGULAR ± 3 °	APPROVED BY DATE	SD-78247-001			
		SHONG 2008/10/29	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	3 OF 3			
A4	REV	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		A3				