



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!



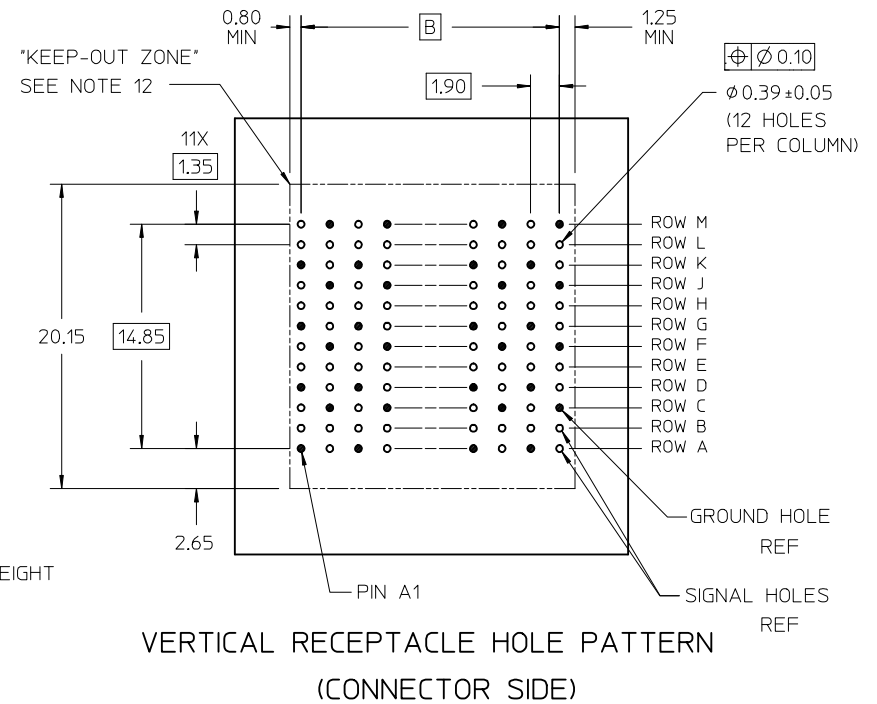
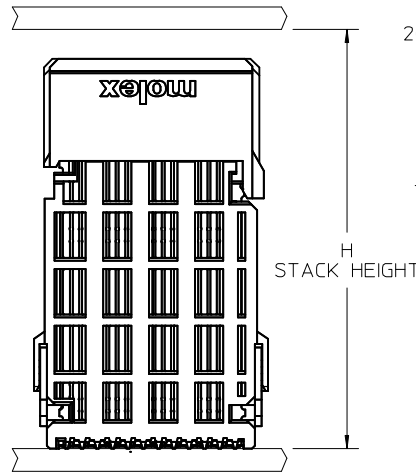
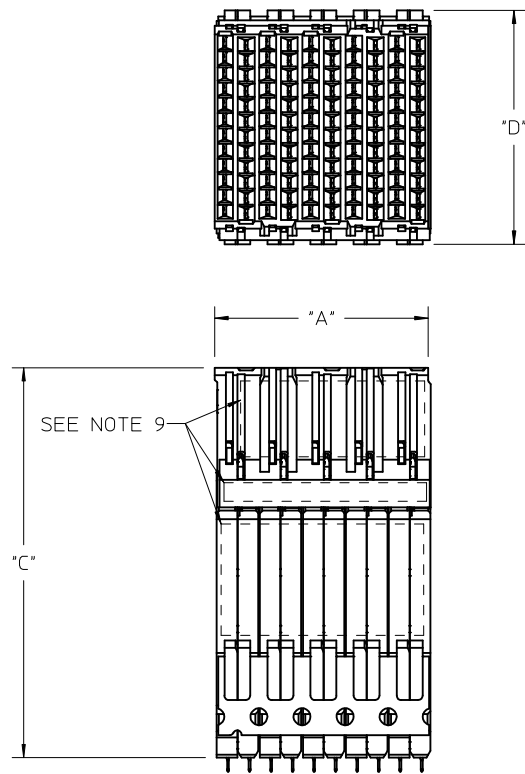
## Contact us

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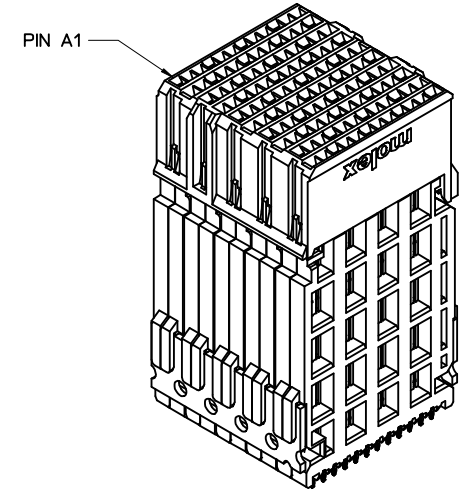
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VERTICAL RECEPTACLE HOLE PATTERN  
(CONNECTOR SIDE)



#### NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30 μNCH MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE MATTE TIN  
ON PCB TAILS. NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-170540-999 FOR PERFORMANCE SPECIFICATIONS  
AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. SEE CHARTS FOR PACKAGING SPECIFICATIONS.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170335-0001 FOR  
THE MATING HEADERS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR  
ANTIPAD AND ROUTING RECOMMENDATIONS.
9. MARKING: LOCATED APPROXIMATELY AS SHOWN  
PART NUMBER & DATE CODE
10. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR  
DUE TO PRESENCE OF PLUS CLIP.
11. PART NUMBER 170390-1030 SHOWN ON DRAWING. KEYING FEATURES  
WILL CHANGE WITH COLUMN SIZE.
12. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMODATE  
CONNECTOR INSERTION AND REPAIR ON THE PCB. THIS IS REFERRED  
TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT  
THE ACTUAL PERIMETER OF THE CONNECTOR.

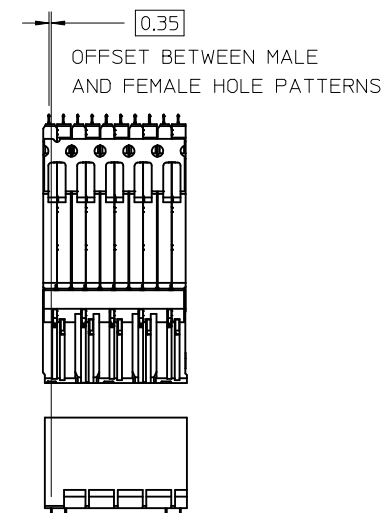
ADD LASER MARK INFO EC NO: UCP2016-3973 DRWNG: VARVARA 2015/07/29 CHKD: TELO 2016/02/22 APPR: TELO 2016/04/20 A3	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY JB INGHAM	DATE 2013/04/03	TITLE IMPACT 4-PAIR 85-OHM UNGUIDED MEZZANINE SALES DRAWING <b>molex</b> SD-170390-0001		
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2013/04/03			
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2013/04/05			
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-170390-0001	SHEET NO. 1 OF 2	
			1 PLACE	± 0.25	± ---	ANGULAR ±1/2°		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

## PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIRS	DIM "A" MAX	DIM "B"	DIM "C"	DIM "D"	PACKAGING SPEC	18mm STACK HEIGHT (DIM H)
170390-1008	8	32	15.1	13.3	15.36	19.41	PK-70873-4001	
170390-1000	10	40	18.9	17.1				
170390-1002	12	48	22.7	20.9				
170390-1007	14	56	26.5	24.7				
170390-1006	16	64	30.3	28.5				
170390-1009	18	72	34.1	32.3				

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIRS	DIM "A" MAX	DIM "B"	DIM "C"	DIM "D"	PACKAGING SPEC	25mm STACK HEIGHT (DIM H)
170390-1028	8	32	15.1	13.3	22.36	19.41	PK-70873-4002	
170390-1020	10	40	18.9	17.1				
170390-1022	12	48	22.7	20.9				
170390-1027	14	56	26.5	24.7				
170390-1026	16	64	30.3	28.5				
170390-1029	18	72	34.1	32.3				


MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIRS	DIM "A" MAX	DIM "B"	DIM "C"	DIM "D"	PACKAGING SPEC	37mm STACK HEIGHT (DIM H)
170390-1038	8	32	15.1	13.3	34.36	20.65	PK-70873-0044	
170390-1030	10	40	18.9	17.1				
170390-1032	12	48	22.7	20.9				
170390-1037	14	56	26.5	24.7				
170390-1036	16	64	30.3	28.5				
170390-1039	18	72	34.1	32.3				



## PART NUMBER LOGIC

170390-103\*

MODULE AND TAIL PLATING TYPE  
1 = UNGUIDED, MATTE TINKEY ORIENTATION  
0 = UNGUIDEDSTACK HEIGHT (H)  
0 = 18mm  
2 = 25mm  
3 = 37mm# OF COLUMNS  
0 = 10 COL  
2 = 12 COL  
6 = 16 COL  
7 = 14 COL  
8 = 8 COL  
9 = 18 COL

SEE SHEET 1 EC NO: UCP2016-3973 DRAWN:VARVARA CHKD:TELO APPR:TELO A3	REV DESCRIPTION 2015/07/29 2016/02/22 2016/04/20	QUALITY SYMBOLS <div>▽=0</div> <div>▽=0</div> <div>▽=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					DRAWN BY JB INGHAM	DATE 2013/04/03	TITLE IMPACT 4-PAIR 85-OHM UNGUIDED MEZZANINE SALES DRAWING  <b>molex</b>				
					CHECKED BY JL AURX	DATE 2013/04/03					
					APPROVED BY JL AURX	DATE 2013/04/05					
					MATERIAL NO.					DOCUMENT NO.	SHEET NO.
					SEE CHART					SD-170390-0001	
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
					ANGULAR ±1/2°						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									