



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!



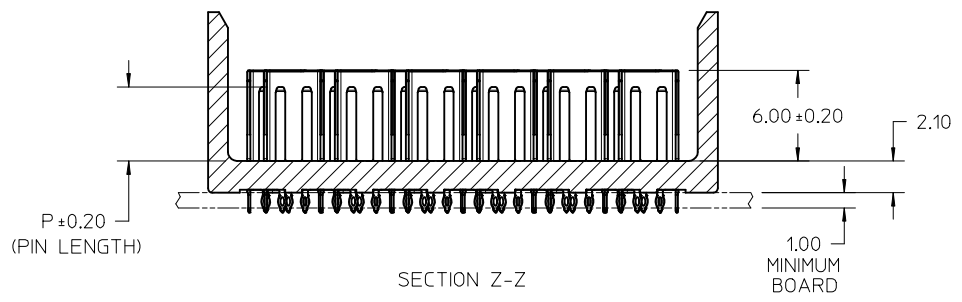
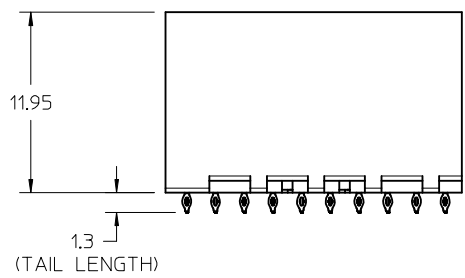
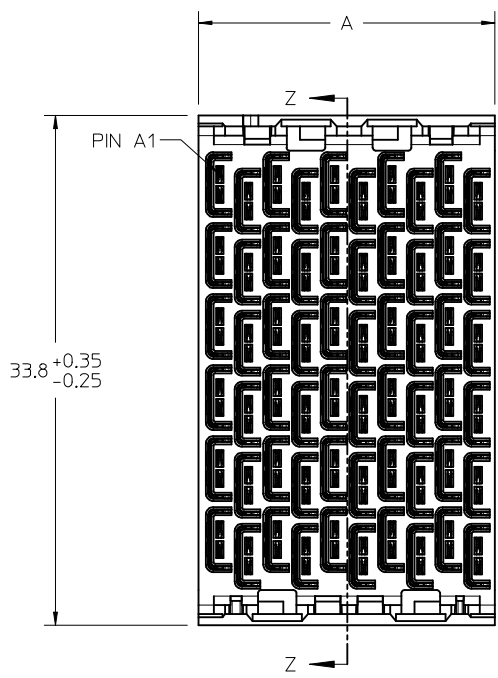
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

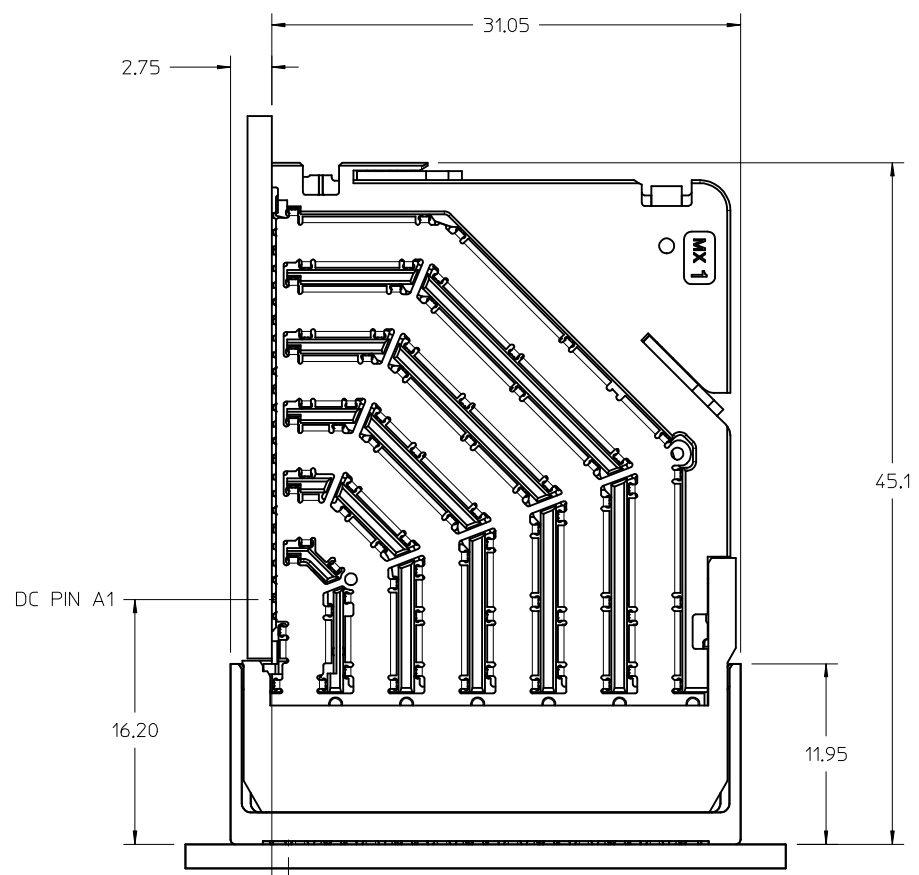




- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30uIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 5. PRODUCT WILL BE PACKAGED PER PK-78888-087.
 6. SEE SHEETS 2 AND 3 FOR HOLE PATTERN AND MATED PART DIMENSIONS.
 7. MATES WITH IMPEL DC SERIES NUMBER 171400.
 8. REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
 9. WHEN STACKING MODULES END TO END, THE MINIMUM COLUMN TO COLUMN SPACING IS 2.65mm.
 10. THE KEEP-OUT ZONE FOR THE BP HOUSING LENGTH INCLUDES THE NECESSARY SPACE REQUIRED FOR THE MATING DAUGHTERCARD HOUSING.

ADDED 12C OPTIONS EC NO: UCP2016-1379 DRW:NDM/LEE01 2015/09/09 CHKD:CYL/JAW APPR:SHLENI 2015/10/12	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																					
		<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>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	±	±	DRAWN BY: JLAURX DATE: 2012/01/13 CHECKED BY: _____ DATE: _____		TITLE: IMPEL 6 PAIR BACKPLANE UNGUDED ASSEMBLY SALES DRAWING 		APPROVED BY: JLAURX DATE: 2012/11/27		DOCUMENT NO.: SD-171395-0001 SHEET NO.: 1 OF 4	
			mm	INCH																									
		4 PLACES	± ---	± ---																									
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ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.: SEE CHART		SIZE: C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
REV: B3																													

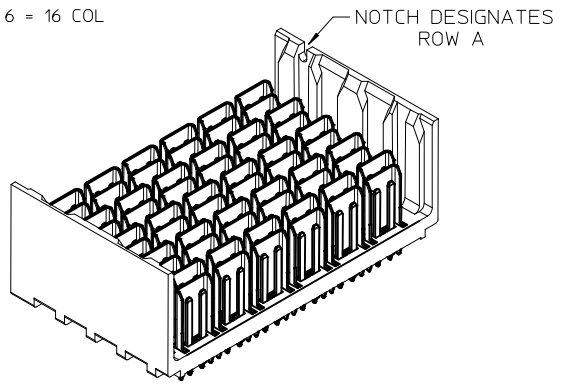
MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH ϕ
171395-1804	8	48	15.80	13.30	1.10	4.90	0.46±0.05
171395-1805	8	48	15.80	13.30	1.10	5.50	0.46±0.05
171395-1807	8	48	15.80	13.30	1.20	4.90	0.36±0.05
171395-1808	8	48	15.80	13.30	1.20	5.50	0.36±0.05
171395-1104	10	60	19.60	17.10	1.10	4.90	0.46±0.05
171395-1105	10	60	19.60	17.10	1.10	5.50	0.46±0.05
171395-1107	10	60	19.60	17.10	1.20	4.90	0.36±0.05
171395-1108	10	60	19.60	17.10	1.20	5.50	0.36±0.05
171395-1204	12	72	23.40	20.90	1.10	4.90	0.46±0.05
171395-1205	12	72	23.40	20.90	1.10	5.50	0.46±0.05
171395-1207	12	72	23.40	20.90	1.20	4.90	0.36±0.05
171395-1208	12	72	23.40	20.90	1.20	5.50	0.36±0.05
171395-1604	16	96	31.00	28.50	1.10	4.90	0.46±0.05
171395-1605	16	96	31.00	28.50	1.10	5.50	0.46±0.05
171395-1607	16	96	31.00	28.50	1.20	4.90	0.36±0.05
171395-1608	16	96	31.00	28.50	1.20	5.50	0.36±0.05



171395-1*0*

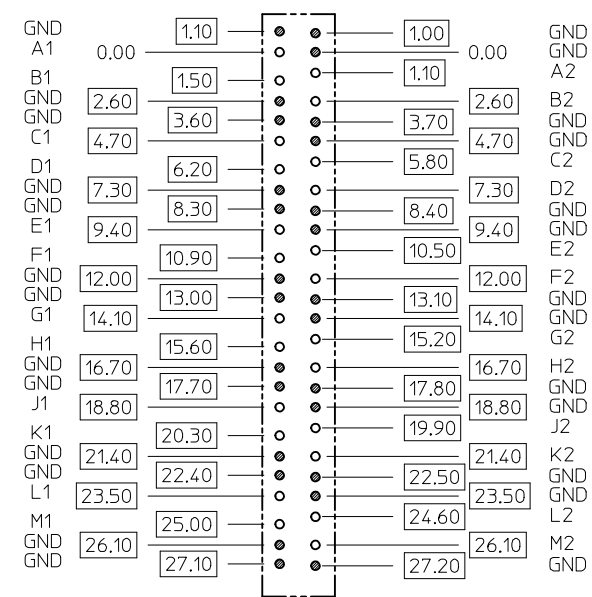
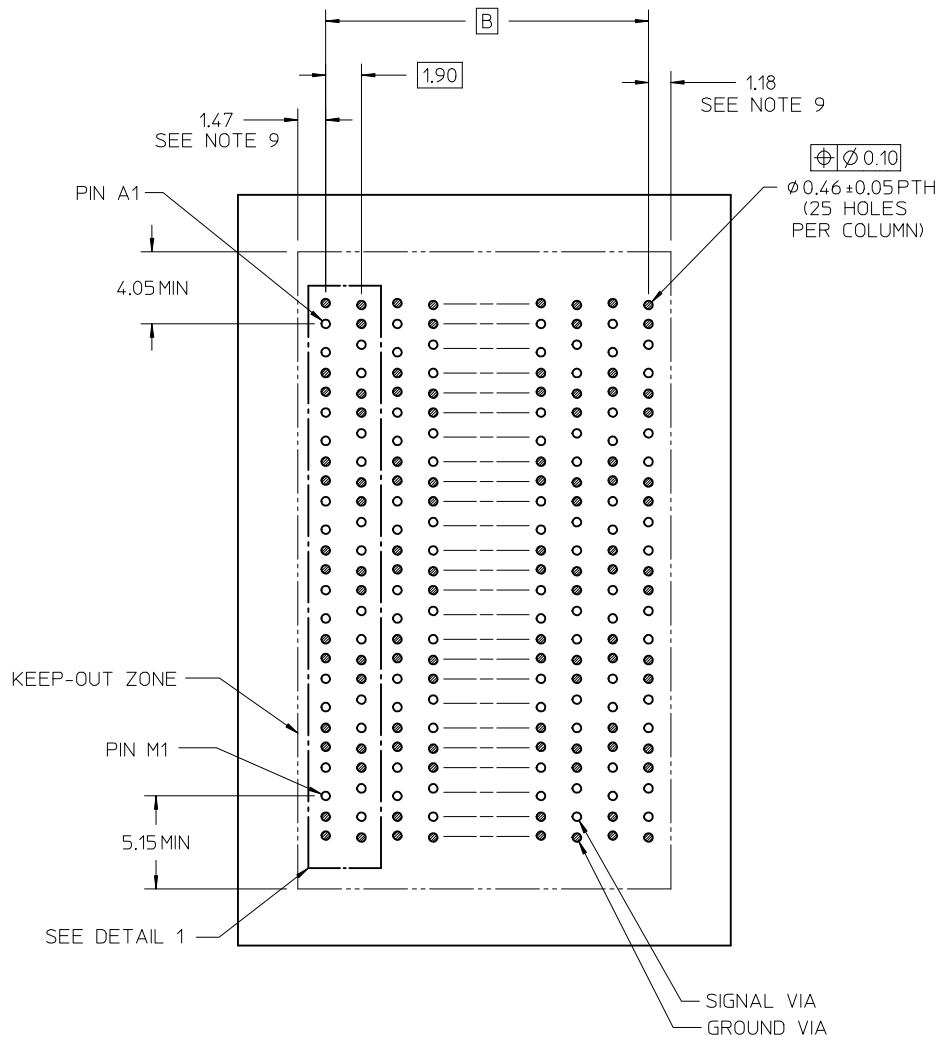
MODULE TYPE — PIN LENGTH (P)
 1 = UNGUIDED
 4 = 4.90 (0.46 PTH)
 5 = 5.50 (0.46 PTH)
 7 = 4.90 (0.36 PTH)
 8 = 5.50 (0.36 PTH)

OF COLUMNS — KEY ORIENTATION
 8 = 8 COL
 1 = 10 COL
 2 = 12 COL
 6 = 16 COL
 0 = OPEN ENDS



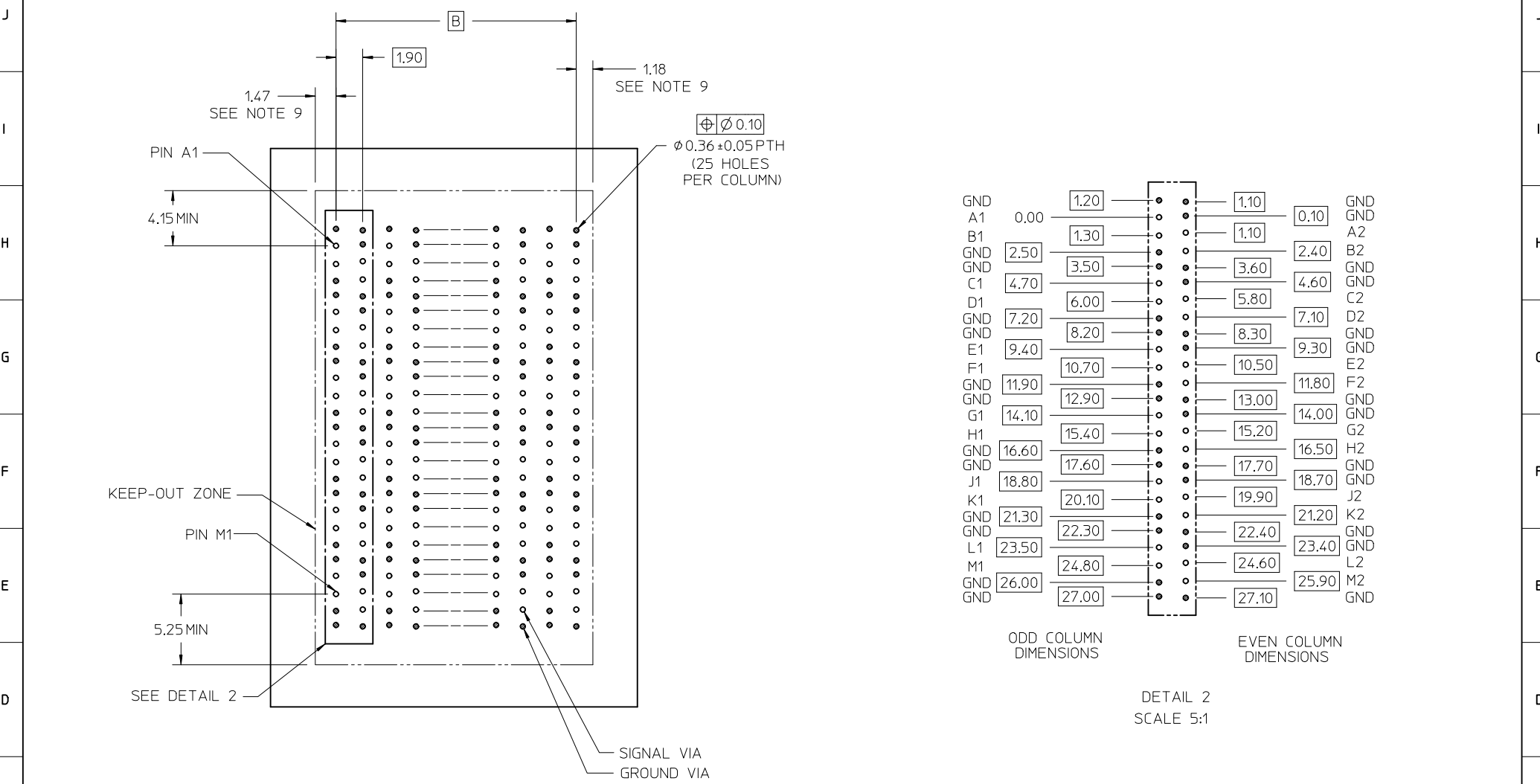
MATED PART DIMENSIONS

SEE SHEET 1 EC NO: UCP2016-1379 DRW: MWLE01 2015/09/09 CHKD: CYL JAW APPR: SHLENI 2015/10/12	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <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>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	±	±	DIMENSION STYLE MM ONLY DRAWN BY: JLAURX DATE: 2012/01/13 CHECKED BY: DATE:	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
		mm	INCH																			
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SEE CHART B3	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: JLAURX DATE: 2012/11/27	TITLE: IMPEL 6 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-171395-0001	SHEET NO. 2 OF 4																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						



BACKPLANE HOLE PATTERN
FOR Ø0.46 PTH
(CONNECTOR SIDE)

SEE SHEET 1 EC NO: UCP2016-1379 DRW:DMLEE01 2015/09/09 CHKD:CYLAW APPR:SHLENI 2015/10/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	
	▽=0	3 PLACES ± --- ± ---	JLAURX	2012/01/13	IMPEL 6 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING	
	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY	DATE	molex DOCUMENT NO. SD-171395-0001 SHEET NO. 3 OF 4	
	0 PLACE ± ±	APPROVED BY	DATE			
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	JLAURX	2012/11/27		
REV B3			MATERIAL NO.	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



GND	1.20	1.10	GND
A1	0.00	0.10	GND
B1	1.30	1.10	A2
GND	2.50	2.40	B2
C1	3.50	3.60	GND
D1	6.00	5.80	C2
GND	7.20	7.10	D2
GND	8.20	8.30	GND
E1	9.40	9.30	GND
F1	10.70	10.50	E2
GND	11.90	11.80	F2
G1	12.90	13.00	GND
H1	14.10	14.00	GND
GND	16.60	16.50	H2
J1	17.60	17.70	GND
K1	18.80	18.70	GND
GND	21.30	21.20	J2
GND	22.30	22.40	K2
L1	23.50	23.40	GND
M1	24.80	24.60	L2
GND	26.00	25.90	GND
GND	27.00	27.10	M2
			GND

ODD COLUMN DIMENSIONS

EVEN COLUMN DIMENSIONS

DETAIL 2
SCALE 5:1

BACKPLANE HOLE PATTERN
FOR $\phi 0.36$ PTH
(CONNECTOR SIDE)

SEE SHEET 1 EC NO: UCP2016-1379 DRAWN: MLEE01 2015/09/09 CHKD: CYLJAW APPR: SHLENI 2015/10/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$	mm INCH	MM ONLY	5:1	METRIC	
	$\nabla = 0$	4 PLACES \pm --- \pm ---	DRAWN BY DATE	TITLE		
	$\nabla = 0$	3 PLACES \pm --- \pm ---	JLAURX 2012/01/13	IMPEL 6 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING		
	2 PLACES ± 0.13 \pm ---	CHECKED BY DATE	molex			
	1 PLACE ± 0.25 \pm ---	APPROVED BY DATE	DOCUMENT NO.			
	0 PLACE \pm \pm ---	JLAURX 2012/11/27	SD-171395-0001			
	ANGULAR $\pm 1/2^\circ$	MATERIAL NO.	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	4 OF 4			
		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			