



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

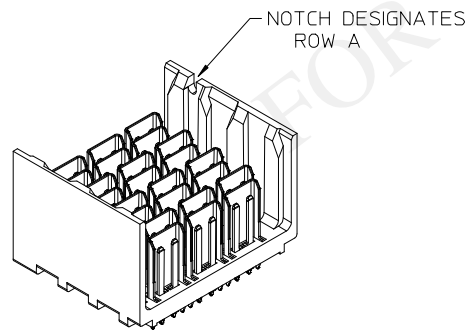
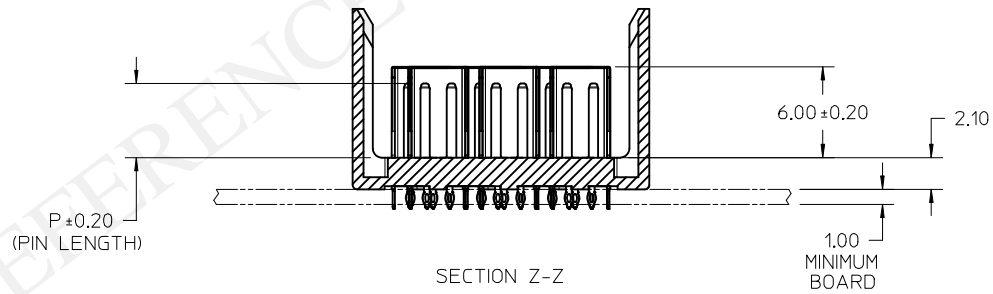
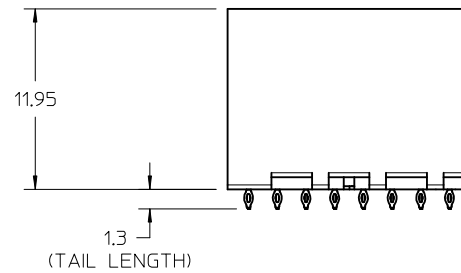
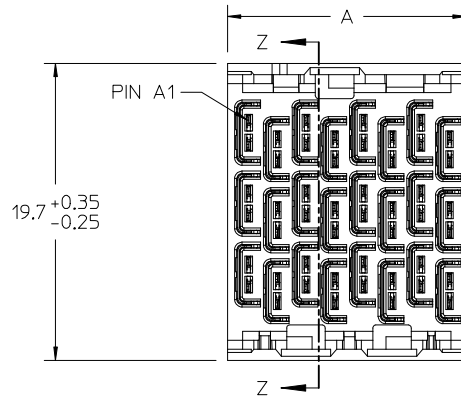
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



NOTES:

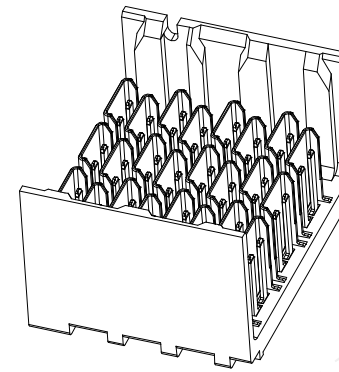
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
- FINISH: 30µIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
- REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999 FOR PERFORMANCE SPECIFICATIONS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
- PRODUCT WILL BE PACKAGED PER PK-78888-082.
- SEE SHEETS 2 AND 6 FOR HOLE PATTERN AND MATED PART DIMENSIONS.
- MATES WITH IMPEL DC SERIES NUMBER 171990.
- REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB INFORMATION.
- WHEN STACKING MODULES END TO END, THE MINIMUM COLUMN TO COLUMN SPACING IS 2.65mm.



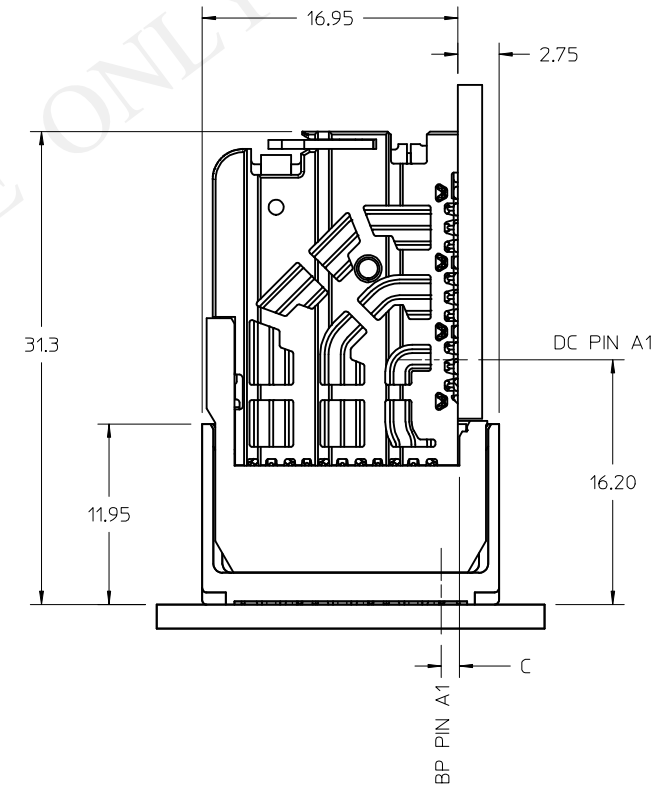
PRELIMINARY

CORRECT PIN LABEL EC NO: UCP2017-2190 DRWNO:DMLEE01 2017/04/03 CHKD: APPR:DMLEE01 2017/04/05 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE BJANOWIAK 2012/12/10	TITLE IMPEL 3 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE	MOLEX MOLEX INCORPORATED		
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE BJANOWIAK 2013/01/02	DOCUMENT NO. SD-171335-0001	SHEET NO. 1 OF 6	
		2 PLACES ±0.13 ± ---	MATERIAL NO. SEE CHART			
		1 PLACE ±0.25 ± ---	SIZE C 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				

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH ϕ
171335-1804	8	24	15.80	13.30	1.10	4.90	0.46±0.05
171335-1805	8	24	15.80	13.30	1.10	5.50	0.46±0.05
171335-1807	8	24	15.80	13.30	1.20	4.90	0.36±0.05
171335-1808	8	24	15.80	13.30	1.20	5.50	0.36±0.05
171335-1104	10	30	19.60	17.10	1.10	4.90	0.46±0.05
171335-1105	10	30	19.60	17.10	1.10	5.50	0.46±0.05
171335-1107	10	30	19.60	17.10	1.20	4.90	0.36±0.05
171335-1108	10	30	19.60	17.10	1.20	5.50	0.36±0.05



OPEN
WALL OPTION



MATED PART DIMENSIONS

171335-1***

MODULE TYPE
1 = UNGUIDED

OF COLUMNS
8 = 8 COL
1 = 10 COL

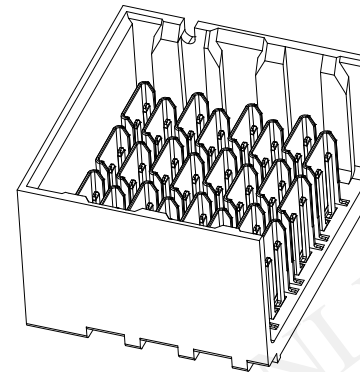
HOUSING STYLE
0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL

PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.36 PTH)
8 = 5.50 (0.36 PTH)

PRELIMINARY

SEE SHEET 1 EC NO: UCP2017-2190 DRAWN:DMLEE01 2017/04/03 CHKD: APPR:DMLEE01 2017/04/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	DRAWN BY BJANOWIAK	DATE 2012/12/10	TITLE IMPEL 3 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING	
9	REV	ANGULAR ±1/2°		APPROVED BY BJANOWIAK		DATE 2013/01/02	MATERIAL NO. DOCUMENT NO. MOLLEX MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-171335-0001		SHEET NO. 2 OF 6	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH ϕ
171335-1814	8	24	17.20	13.30	1.10	4.90	0.46±0.05
171335-1815	8	24	17.20	13.30	1.10	5.50	0.46±0.05
171335-1817	8	24	17.20	13.30	1.20	4.90	0.36±0.05
171335-1818	8	24	17.20	13.30	1.20	5.50	0.36±0.05

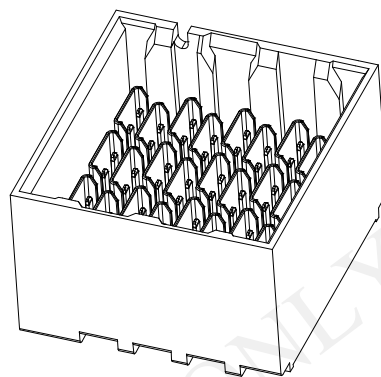


LEFT END
WALL OPTION

FOR REFERENCE USE ONLY

SEE SHEET 1 EC NO: UCP2017-2190 DRAWN: DMLEE01 2017/04/03 CHKD: APPR: DMLEE01 2017/04/05 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	BJANOWIAK 2012/12/10	IMPEL 3 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING		
	2 PLACES ±0.13 ± ---	CHECKED BY DATE	molex DOCUMENT NO. SD-171335-0001 SHEET NO. 3 OF 6			
	1 PLACE ±0.25 ± ---	APPROVED BY DATE				
	0 PLACE ± --- ± ---	BJANOWIAK 2013/01/02	MATERIAL NO.			
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH ϕ
171335-1824	8	24	18.60	13.30	1.10	4.90	0.46+0.05
171335-1825	8	24	18.60	13.30	1.10	5.50	0.46+0.05
171335-1827	8	24	18.60	13.30	1.20	4.90	0.36+0.05
171335-1828	8	24	18.60	13.30	1.20	5.50	0.36+0.05

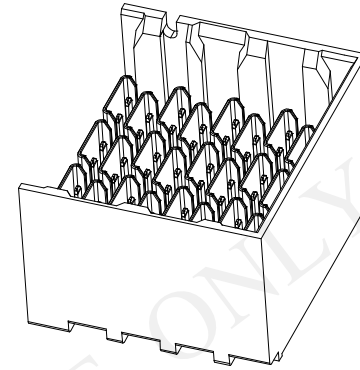


DUAL END WALL OPTION

FOR REFERENCE USE ONLY

SEE SHEET 1 EC NO: UCP2017-2190 DRWN:DWLEEE01 2017/04/03 CHKD: APPR:DWLEEE01 2017/04/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	BJANOWIAK 2012/12/10	IMPEL 3 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING		
	2 PLACES ±0.13 ± ---	CHECKED BY DATE	APPROVED BY DATE B. JANOWIAK 2013/01/02 molex			
	1 PLACE ±0.25 ± ---					
	0 PLACE ± --- ± ---		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-171335-0001	4 OF 6	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

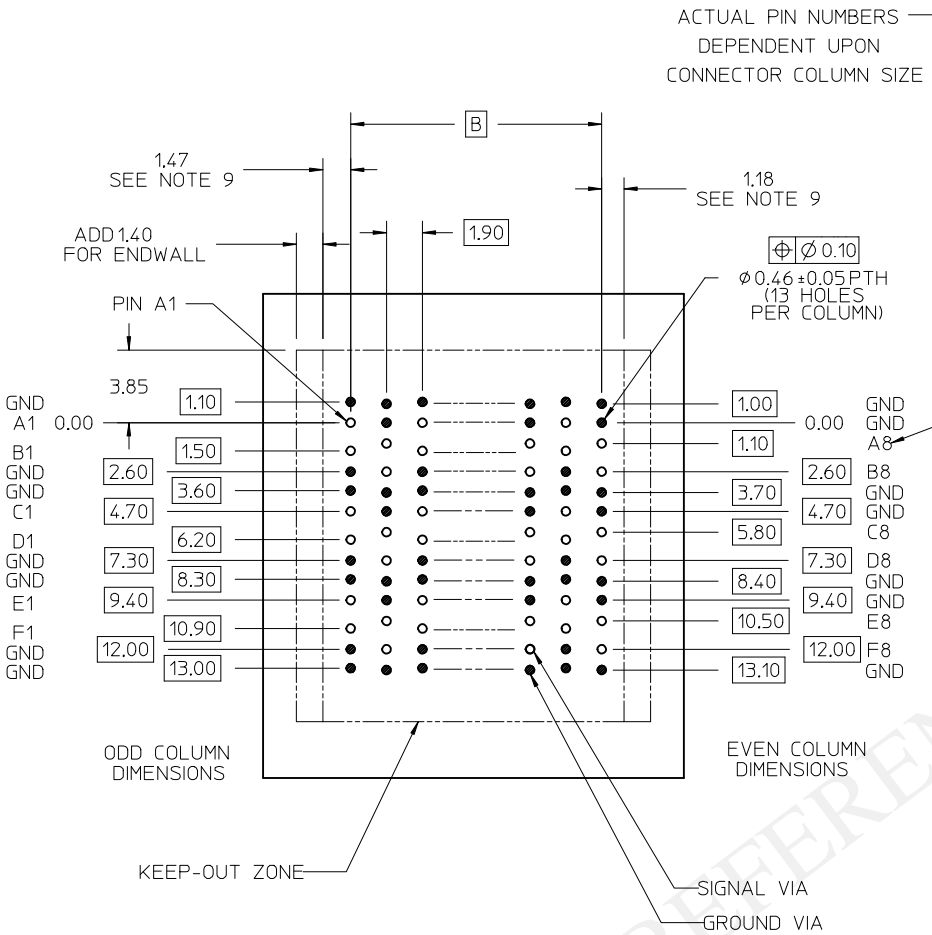
MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "C"	DIM "P"	PTH ϕ
171335-1834	8	24	17.20	13.30	1.10	4.90	0.46±0.05
171335-1835	8	24	17.20	13.30	1.10	5.50	0.46±0.05
171335-1837	8	24	17.20	13.30	1.20	4.90	0.36±0.05
171335-1838	8	24	17.20	13.30	1.20	5.50	0.36±0.05



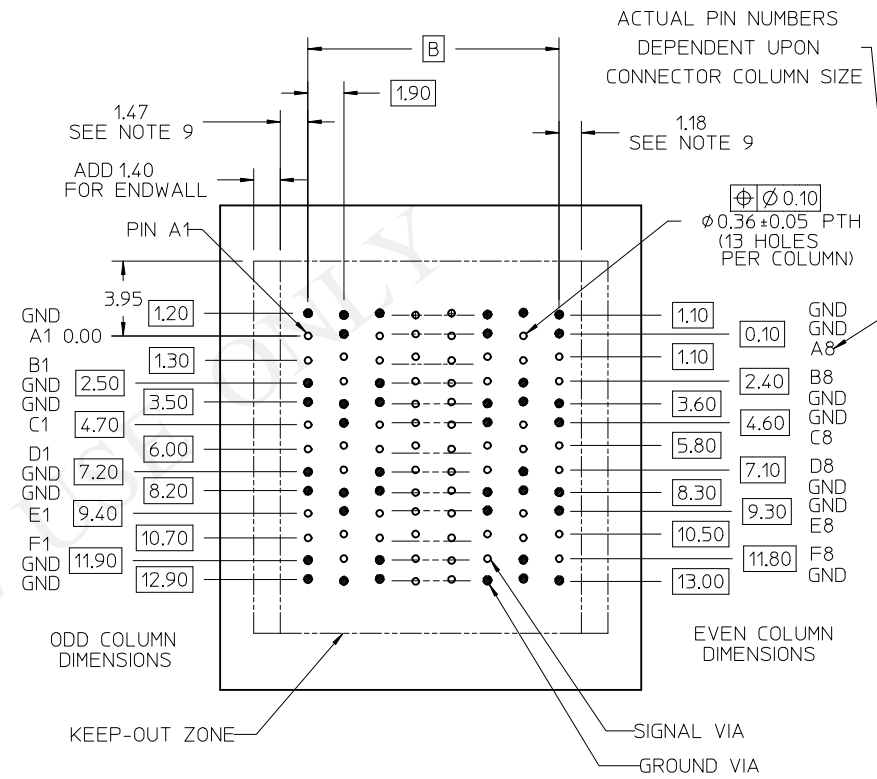
RIGHT END
WALL OPTION

FOR REFERENCE USE ONLY

SEE SHEET 1 EC NO: UCP2017-2190 DRWN:DMLEE01 2017/04/03 CHKD: APPR:DMLEE01 2017/04/05 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	BJANOWIAK 2012/12/10	IMPEL 3 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING		
	2 PLACES ±0.13 ± ---	CHECKED BY DATE	molex DOCUMENT NO. SD-171335-0001 SHEET NO. 5 OF 6			
	1 PLACE ±0.25 ± ---	APPROVED BY DATE				
	0 PLACE ± --- ± ---	BJANOWIAK 2013/01/02	MATERIAL NO.			
		ANGULAR ±1/2°	SEE CHART			
		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			



BACKPLANE HOLE PATTERN
FOR $\phi 0.46$ PTH
(CONNECTOR SIDE)



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

SEE SHEET 1 EC NO: UCP2017-2190 DRAWING: DMLEE01 2017/04/03 CHKD: APPR: DMLEE01 2017/04/05 REV: 9	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>\pm ---</td> <td>\pm ---</td> </tr> <tr> <td>3 PLACES</td> <td>\pm ---</td> <td>\pm ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>\pm ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>\pm ---</td> </tr> </table>		mm	INCH	4 PLACES	\pm ---	\pm ---	3 PLACES	\pm ---	\pm ---	2 PLACES	± 0.13	\pm ---	1 PLACE	± 0.25	\pm ---	DIMENSION STYLE MM ONLY DRAWN BY: B JANOWIAK DATE: 2012/12/10 CHECKED BY: DATE:	SCALE: 5:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
		mm	INCH																
	4 PLACES	\pm ---	\pm ---																
	3 PLACES	\pm ---	\pm ---																
2 PLACES	± 0.13	\pm ---																	
1 PLACE	± 0.25	\pm ---																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: B JANOWIAK DATE: 2013/01/02 MATERIAL NO.	TITLE: IMPEL 3 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING MOLEX INCORPORATED																	
SEE CHART	DOCUMENT NO. SD-171335-0001 SHEET NO. 6 OF 6																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			