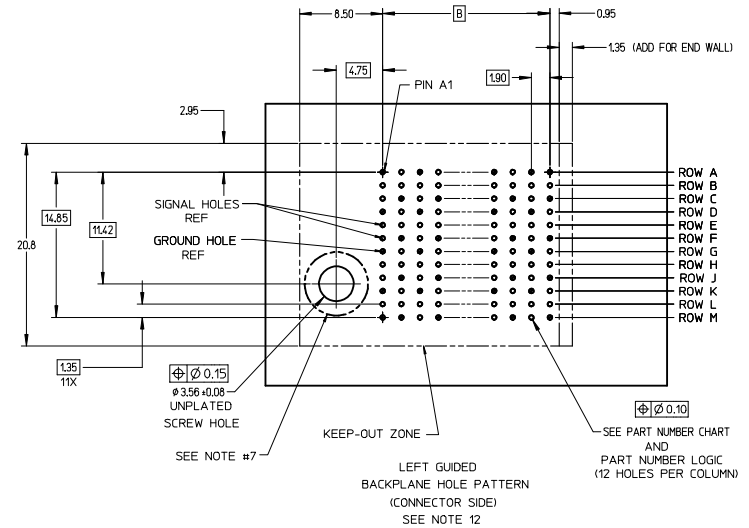
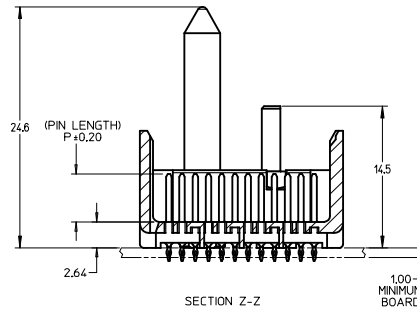
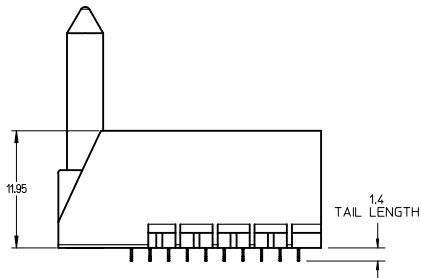
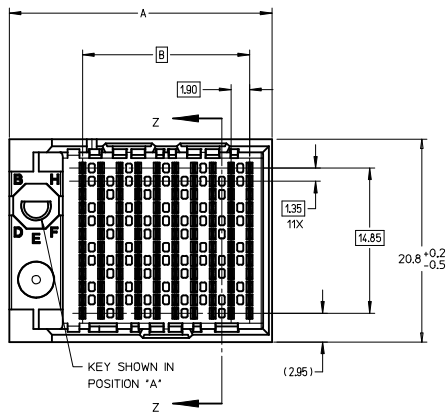
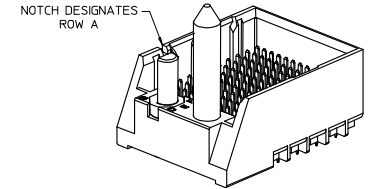




NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
Pd-Ni IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
2. FINISH: 5 MICROINCH MINIMUM GOLD FLASH OVER 20 MICROINCH MINIMUM
Pd-Ni IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-757.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/- 0.08 (PTH)
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76160.
9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
12. *THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR
ON THE PC BOARD. THIS IS REFERRED TO AS THE 'CONNECTOR KEEP OUT ZONE' AND DOES NOT
REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT THE PC BOARD FOR CONNECTORS
STACKED TOGETHER, USE A 1.9mm PROGRESSION.*

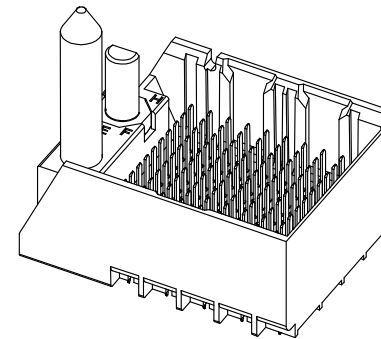
Pd-Ni
PLATING



INITIAL RELEASE EC NO: UCP2016-2332 A CH	2015/12/08 DRAWN BY SWANG01	2015/12/08 CHECKED BY MWOLFE	2015/12/17 APPROVED BY SMILLER	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				▽=0	mm	INCH			TITLE		IMPACT 4 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	
				▽=0	4 PLACES ±---	±---	DRAWN BY SWANG01		DATE 2015/12/08			
				▽=0	3 PLACES ±---	±---	CHECKED BY MWOLFE		DATE 2015/12/08			
				▽=0	2 PLACES ±0.13	±---	APPROVED BY SMILLER		DATE 2015/12/17			
				▽=0	1 PLACE ±0.25	±---	MATERIAL NO.		DOCUMENT NO.			
				▽=0	0 PLACE ±	±	SEE TABLE		RSD-173428-002		SHEET NO. 1 OF 3	
				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			

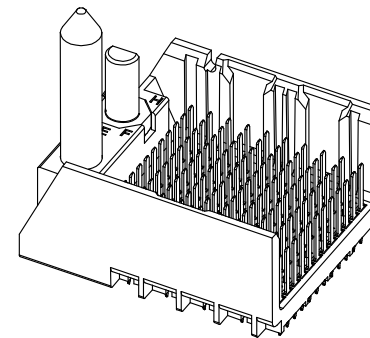
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
173428- *3**	6	24	19.3	9.50	
173428- *8**	8	32	23.1	13.30	
173428- *1**	10	40	26.9	17.10	
173428- *6**	16	64	38.3	28.50	



GUIDE LEFT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT OPEN WALL OPTION
173428- *3**	6	24	17.9	9.50	
173428- *8**	8	32	21.7	13.30	
173428- *1**	10	40	25.5	17.10	
173428- *6**	16	64	36.9	28.50	



GUIDE LEFT
OPEN WALL
OPTION

PART NUMBER LOGIC

173428-*** ** ***

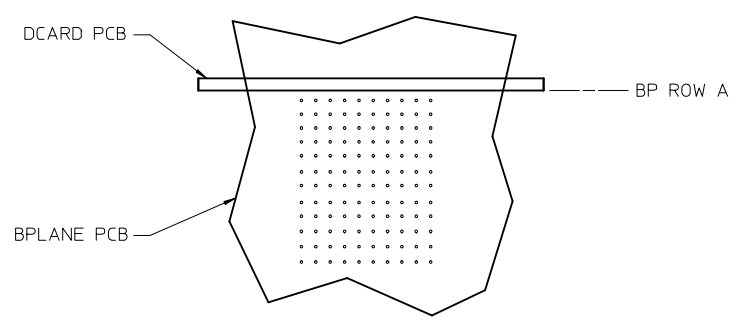
MODULE TYPE
3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

PIN LENGTH (P)
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

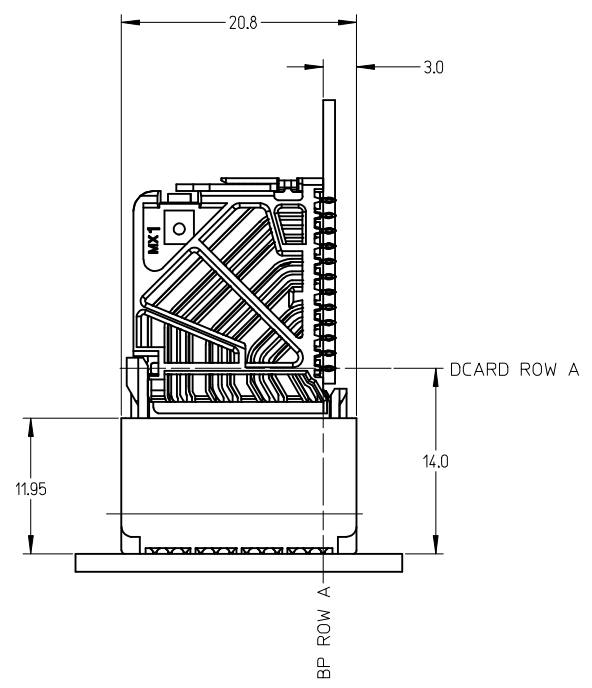
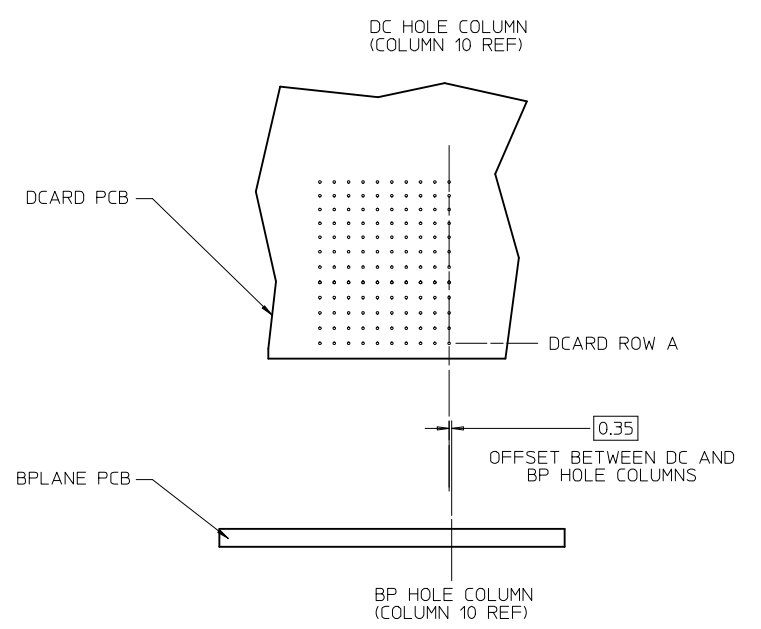
OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

KEY ORIENTATION
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

SEE SHEET 1 EC NO: UCP2016-2332 DRWNSVANG01 2015/12/08 CHKD:MWOLFE 2015/12/08 APPR:SMILLER 2015/12/17	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	DOCUMENT NO. RSD-173428-002	SHEET NO. 2 OF 3
					DRAWN BY DATE SVANG01 2015/12/08							
					CHECKED BY DATE MWOLFE 2015/12/08							
					APPROVED BY DATE SMILLER 2015/12/17							
					MATERIAL NO.							
					SEE TABLE							
					ANGULAR ±1/2°							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



IMPACT 4 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2016-2332 DRWNSVANG01 2015/12/08 CHKD:MWOLFE 2015/12/08 APPR:SMILLER 2015/12/17 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex		
			mm	INCH	DRAWN BY SVANG01	DATE 2015/12/08	DOCUMENT NO. RSD-173428-002				SHEET NO. 3 OF 3	
			4 PLACES ± ---	± ---	CHECKED BY MWOLFE	DATE 2015/12/08						
			3 PLACES ± ---	± ---	APPROVED BY SMILLER	DATE 2015/12/17						
			2 PLACES ± 0.13	± ---	ANGULAR ±1/2°		SEE TABLE				SIZE C	
			1 PLACE ± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			0 PLACE ±	±								

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M

L

K

J

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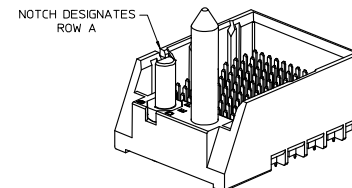
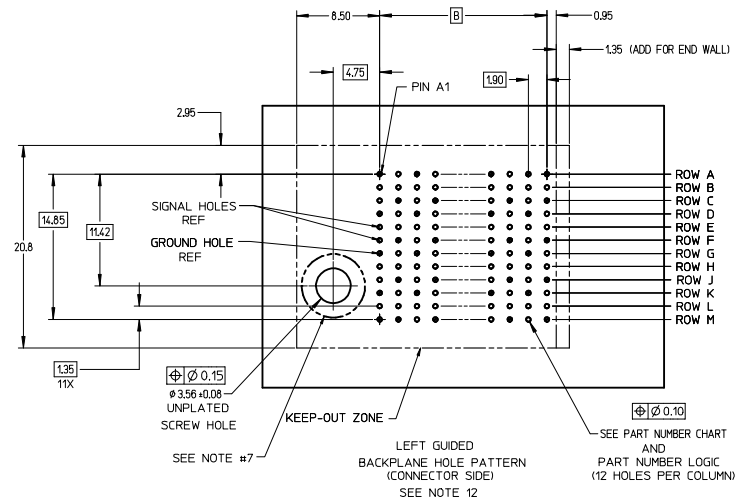
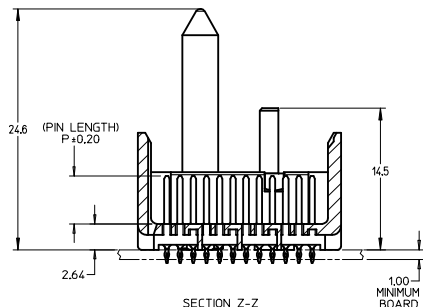
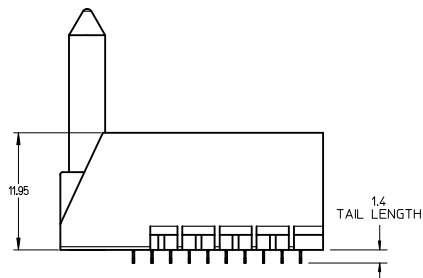
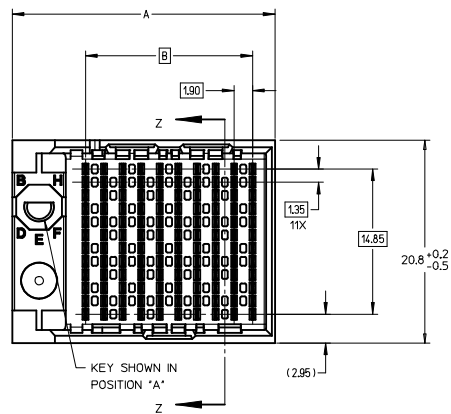
E

D

C

B

A



NOTES:

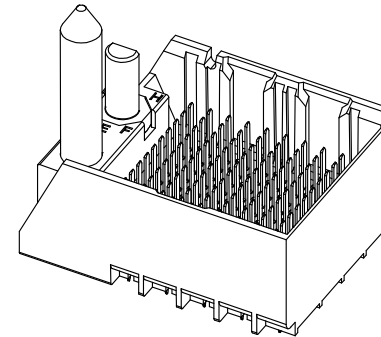
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-757.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/-0.08 (PTH)
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76160.
9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 10MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTI PAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
12. *THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR
ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT
REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT THE PC BOARD FOR CONNECTORS
STACKED TOGETHER, USE A 1.9mm PROGRESSION.*

CONVERT TO LEAD-FREE IEC NO: UCP2013-2078 DRAWN BY: DAWN T. BARRA CHKD BY: BINGHAM APPROVED BY: MILLER DATE: 2012/11/26 2012/12/18 2012/12/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm INCH		DRAWN BY MSANDBERG	DATE 2007/19/07	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76155-002	
			3 PLACES ±---		CHECKED BY JLAURX	DATE 2007/19/07			
			2 PLACES ±0.13		APPROVED BY JLAURX	DATE 2010/11/15			
REV	SIZE D	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1 PLACE ±0.25		MATERIAL NO.		SEE TABLE SD-76155-002		SHEET NO. 1 OF 3
			0 PLACE ±		ANGULAR ±1/2°				

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

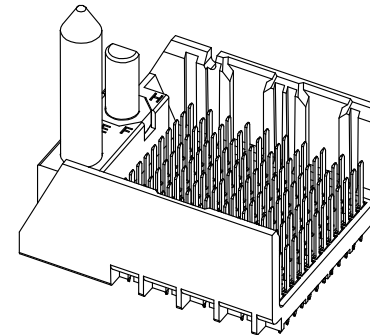
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
76155-*3**	6	24	19.3	9.50	
76155-*8**	8	32	23.1	13.30	
76155-*1**	10	40	26.9	17.10	
76155-*6**	16	64	38.3	28.50	



GUIDE LEFT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT OPEN WALL OPTION
76155-*3**	6	24	17.9	9.50	
76155-*8**	8	32	21.7	13.30	
76155-*1**	10	40	25.5	17.10	
76155-*6**	16	64	36.9	28.50	



GUIDE LEFT
OPEN WALL
OPTION

PART NUMBER LOGIC

76155-****

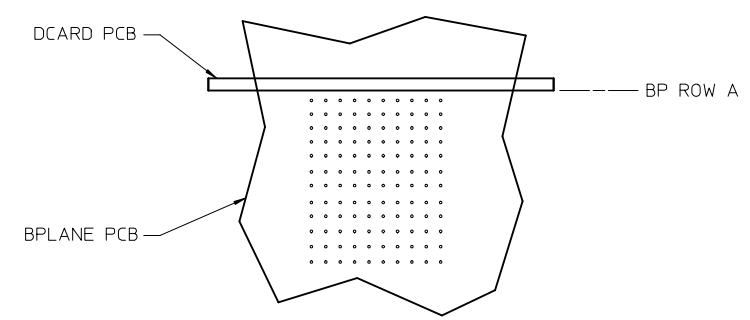
MODULE TYPE
3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

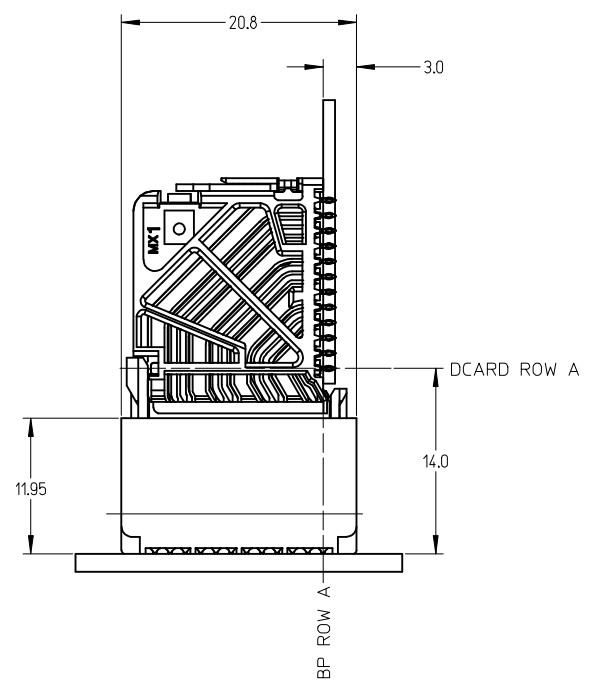
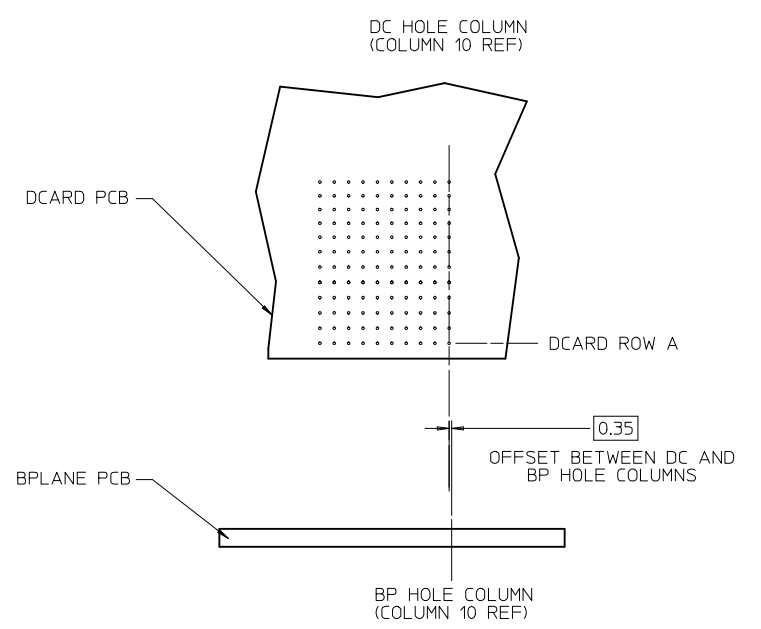
PIN LENGTH (P)
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

SEE SHEET 1 EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: J BINGHAM 2012/12/18 APPR: SMILLER 2012/12/31	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE
				(UNLESS SPECIFIED)		MM ONLY		3:1	METRIC		
						DRAWN BY DATE					
						CHECKED BY DATE					
						APPROVED BY DATE					
						MATERIAL NO.		DOCUMENT NO.			
						SEE TABLE		SD-76155-002			
						SIZE					



IMPACT 4 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: BINGHAM 2012/12/18 APPR: SMILLER 2012/12/31	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
					MM ONLY		2:1	METRIC	
					DRAWN BY	DATE	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex		
					CHECKED BY	DATE			
					JLAURX	2007/19/07			
					APPROVED BY	DATE			
					JLAURX	2010/11/15			
					MATERIAL NO.		DOCUMENT NO.		SHEET NO.
					SEE TABLE		SD-76155-002		3 OF 3
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		C							