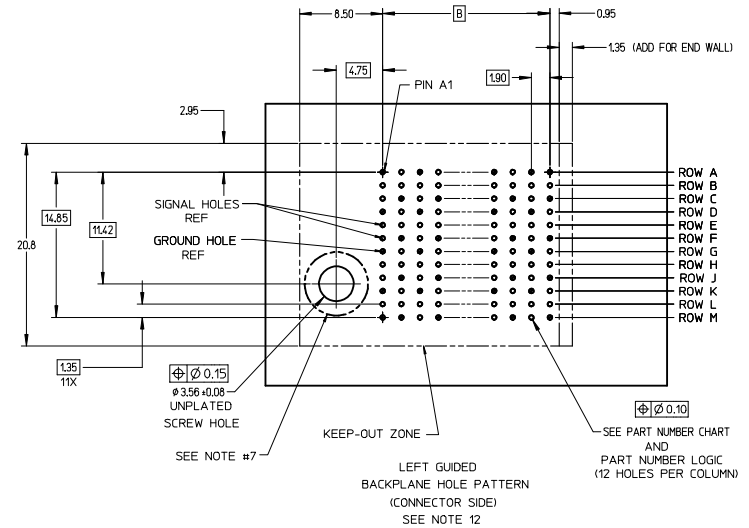
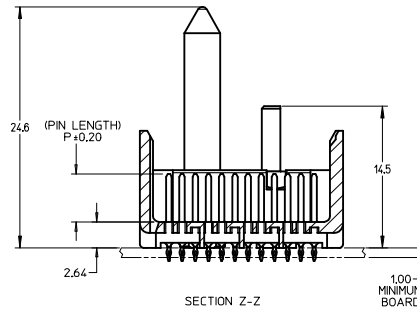
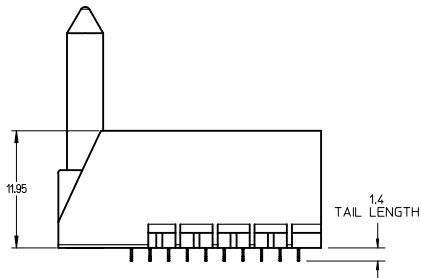
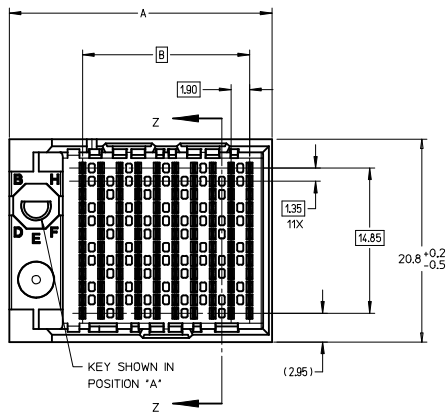
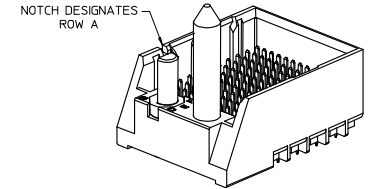




NOTES:

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.*

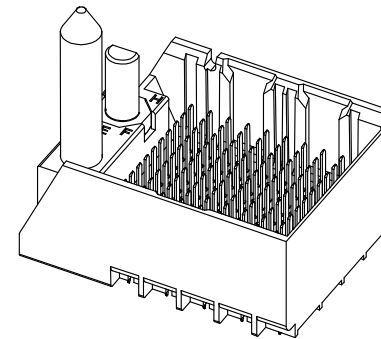
Pd-Ni
PLATING



INITIAL RELEASE EC NO: UCP2016-2332 DRAWN BY: SVANG01 CHECKED BY: CHOKHOLFE APPROVED BY: SMILLER DATE: 2015/12/08 DATE: 2015/12/08 DATE: 2015/12/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	MATERIAL NO. SEE TABLE	DOCUMENT NO. RSD-173428-002	SHEET NO. 1 OF 3		
					DRAWN BY	DATE									
					CHECKED BY	DATE									
					APPROVED BY	DATE									
					SMILLER	2015/12/17									
			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	

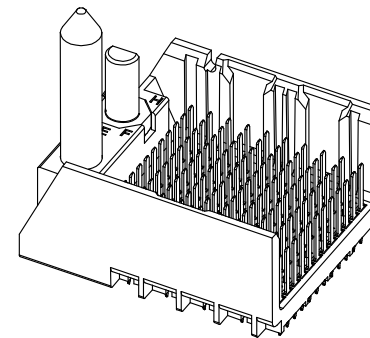
PART NUMBER TABLE

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-*** ** ***

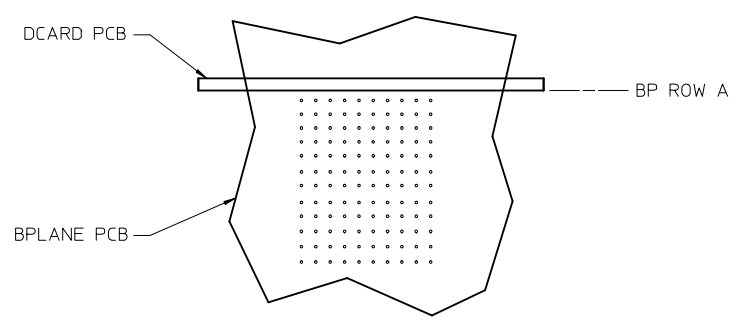
MODULE TYPE
3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

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

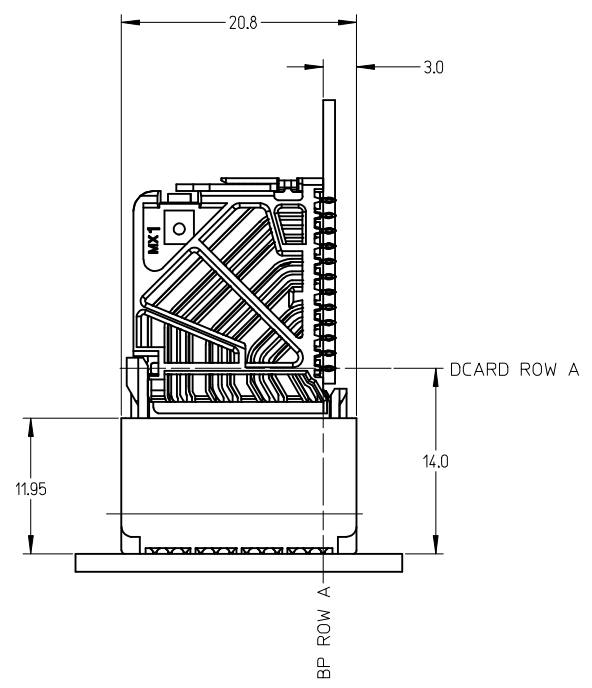
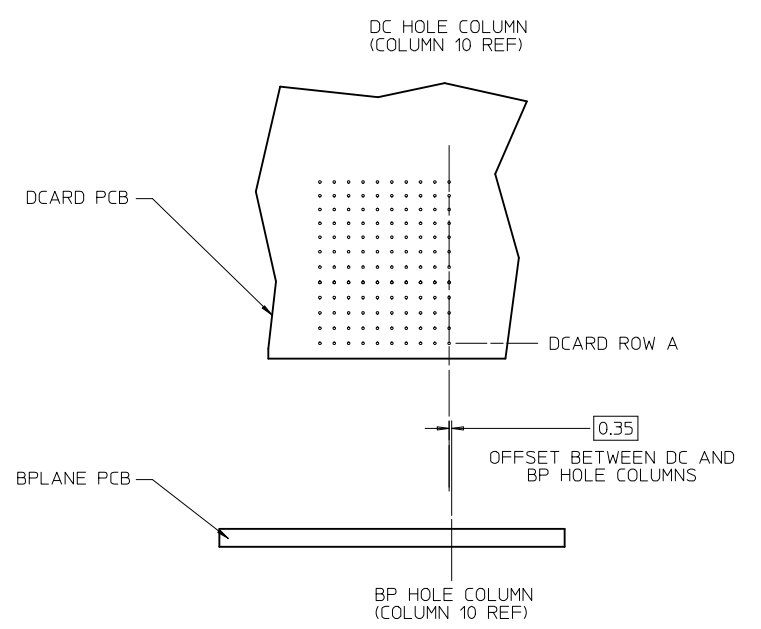
PIN LENGTH (P)
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

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: 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	
			mm		INCH		DRAWN BY SVANG01		DATE 2015/12/08					
			4 PLACES ± ---		± ---		CHECKED BY		DATE					
			3 PLACES ± ---		± ---		MWOLFE		2015/12/08					
			2 PLACES ± 0.13		± ---		APPROVED BY		DATE					
			1 PLACE ± 0.25		± ---		SMILLER		2015/12/17					
			0 PLACE ±		±		MATERIAL NO.							
			ANGULAR ±1/2°				SEE TABLE							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE C		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	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	IMPACT 4 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex		DOCUMENT NO. RSD-173428-002	SHEET NO. 3 OF 3	
				mm	INCH	DRAWN BY SVANG01	DATE 2015/12/08	TITLE							
				4 PLACES ± ---	± ---	CHECKED BY MWOLFE	DATE 2015/12/08								
				3 PLACES ± ---	± ---	APPROVED BY SMILLER	DATE 2015/12/17								
				2 PLACES ± 0.13		± ---	MATERIAL NO.		SEE TABLE						
				1 PLACE ± 0.25		± ---									
				0 PLACE ±		±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				ANGULAR ±1/2°											

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

M

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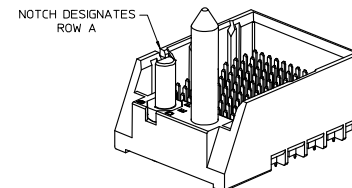
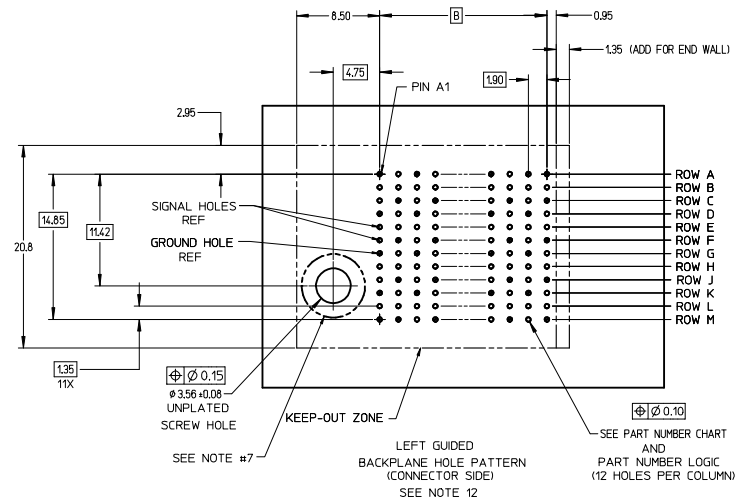
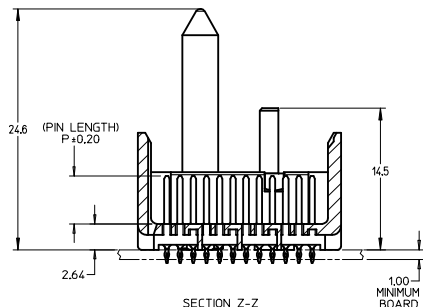
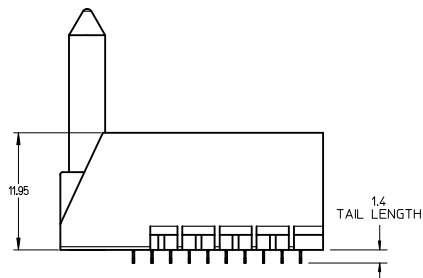
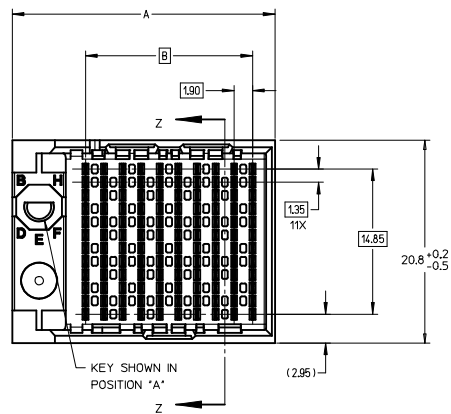
E

D

C

B

A



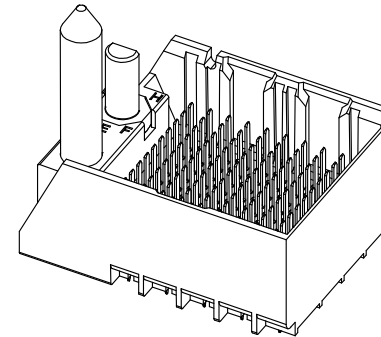
NOTES:

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 EC NO: UCP2013-2078 DRAWN BY: DAWN T BARRA CHKD BY: BINGHAM APPROVED BY: MILLER DATE: 2012/11/26 2012/12/18 2012/12/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	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		
			4 PLACES ±---	±---	CHECKED BY JLAURX	DATE 2007/19/07			
			3 PLACES ±---	±---	APPROVED BY JLAURX	DATE 2010/11/15			
			2 PLACES ±0.13	±---	MATERIAL NO. SEE TABLE				
			1 PLACE ±0.25	±---			DOCUMENT NO. SD-76155-002		
			0 PLACE ±	±			SHEET NO. 1 OF 3		
			ANGULAR ±1/2°						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

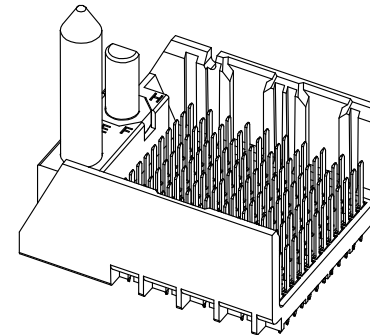
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
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-****

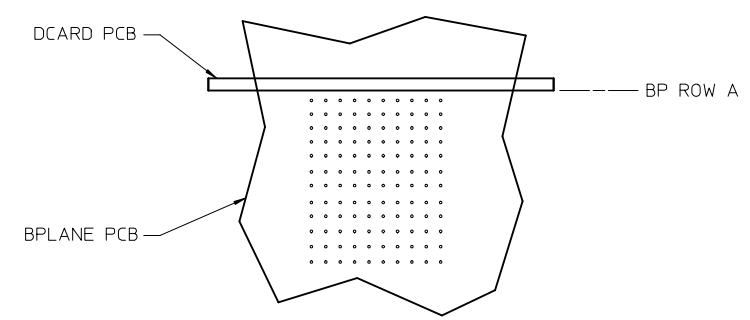
MODULE TYPE _____
 3 = GUIDE LEFT, TIN
 7 = GUIDE LEFT END WALL, TIN

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

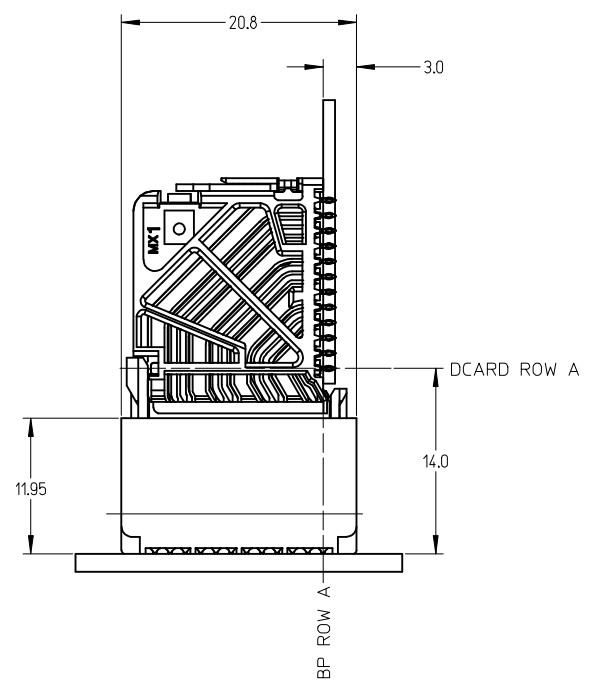
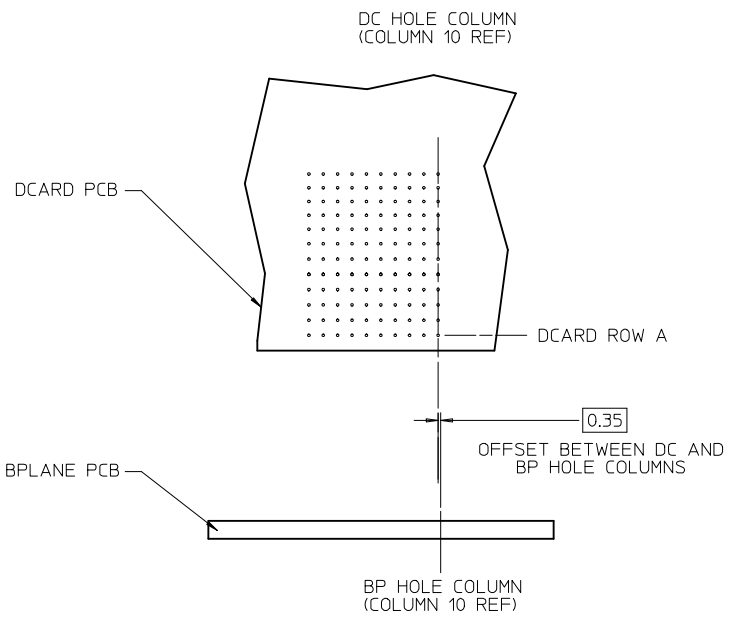
PIN LENGTH (P)
 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

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 MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex		
			mm	INCH	DRAWN BY MSANDBERG	DATE 2007/19/07	DOCUMENT NO. SD-76155-002				SHEET NO. 3 OF 3	
			4 PLACES ± ---	± ---	CHECKED BY JLAURX	DATE 2007/19/07						
			3 PLACES ± ---	± ---	APPROVED BY JLAURX	DATE 2010/11/15						
			2 PLACES ± 0.13	± ---								
			1 PLACE ± 0.25	± ---								
			0 PLACE ±	±								
			ANGULAR ±1/2°		MATERIAL NO.							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE							
					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						