

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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K

J

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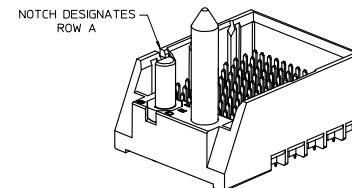
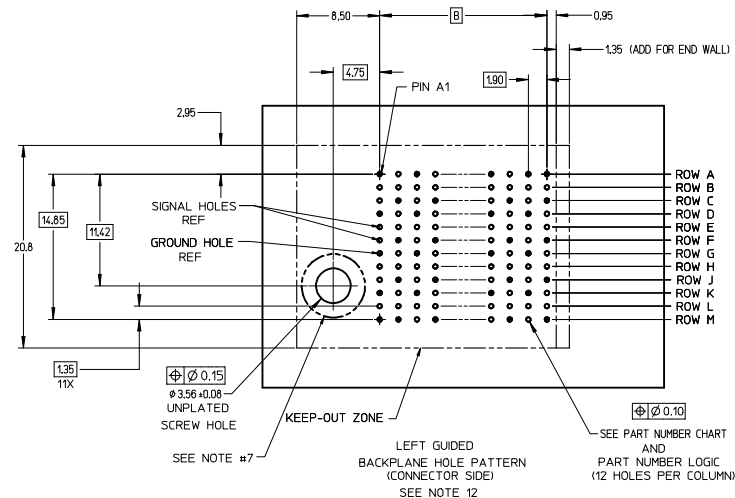
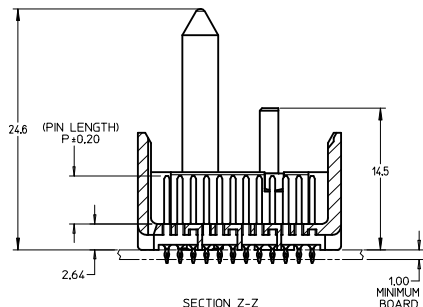
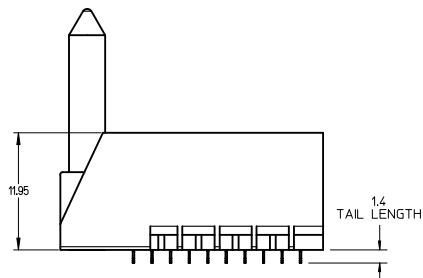
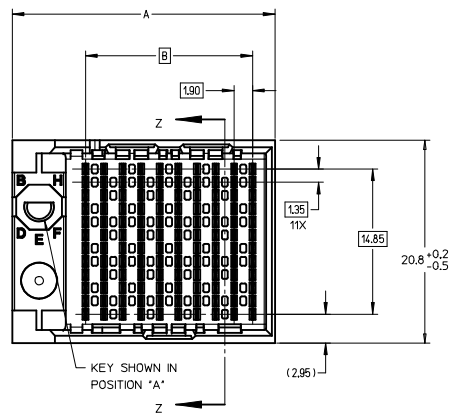
E

D

C

B

A



NOTES:

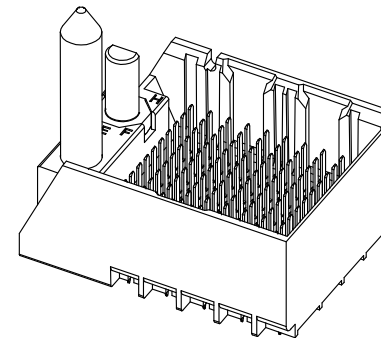
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL 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 EC NO: UCP2013-2078 DRAWN BY: DWINI BARRA CHKD BY: BINGHAM APPROVED BY: MILLER DATE: 2012/11/26 2012/12/18 2012/12/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				DRAWN BY MSANDBERG	DATE 2007/19/07	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76155-002	
				CHECKED BY JLAURX	DATE 2007/19/07			
				APPROVED BY JLAURX	DATE 2010/11/15			
				MATERIAL NO.				
				SEE TABLE		SHEET NO. 1 OF 3		
				ANGULAR ±1/2°				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

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

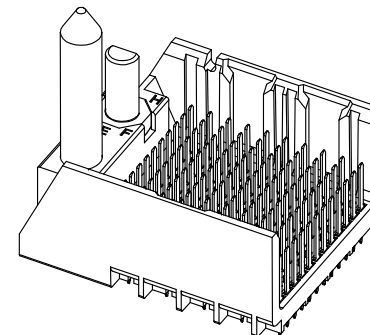
PART NUMBER TABLE

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-****

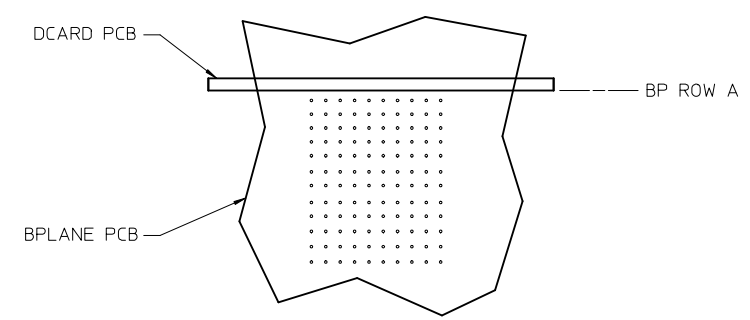
MODULE TYPE
3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

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)

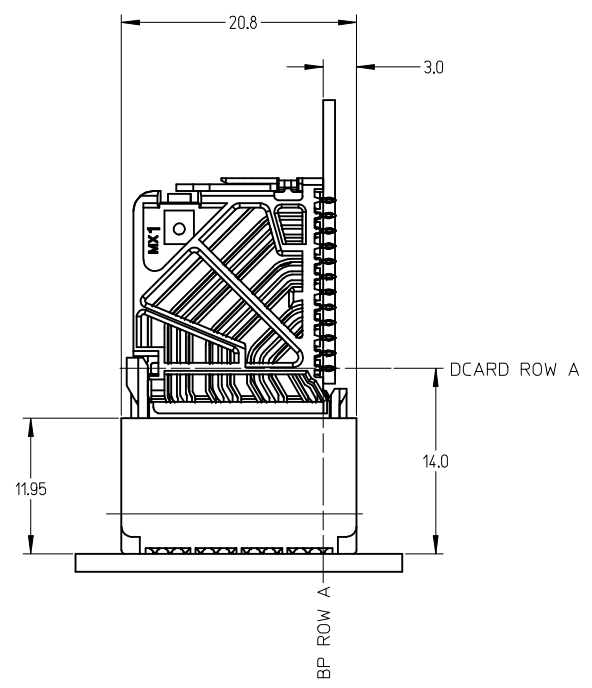
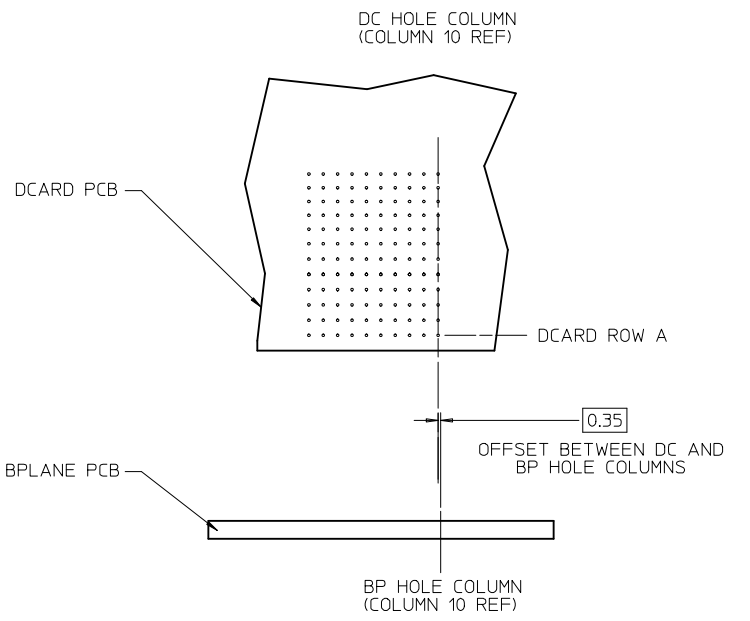
OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

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: 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 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: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: B. INGHAM 2012/12/18 APPR: SMILLER 2012/12/31	REV	DESCRIPTION	QUALITY SYMBOLS	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		
						DRAWN BY DATE MSANDBERG 2007/19/07		DOCUMENT NO. SD-76155-002				SHEET NO. 3 OF 3	
						CHECKED BY DATE JLAURX 2007/19/07							
						APPROVED BY DATE JLAURX 2010/11/15							
						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					