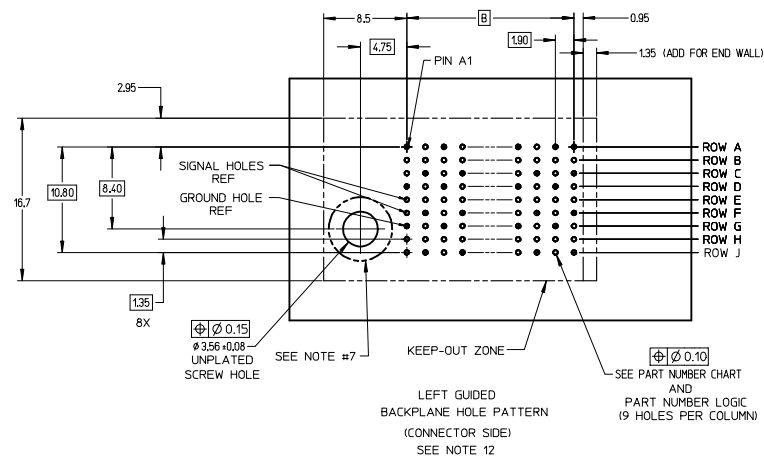
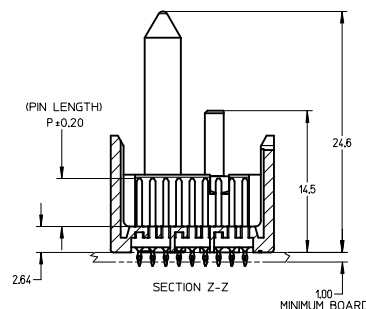
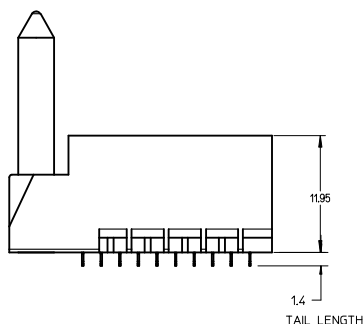
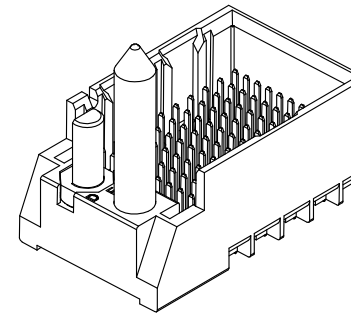


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µ MIN GOLD IN CONTACT AREA,
SELECTIVE TIN ON PCB TAILS,
NICKEL OVERALL,
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
 5. PACKAGE PER: PK-70873-758.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA .356 +/-.008 (PTH)
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
 8. MATES WITH IMPACT DC SERIES NO. 76170.
 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 A PC BOARD
FOR CONNECTORS STACKED TOGETHER, USE A 1.9mm PROGRESSION.

REVISED (MMNO) REC NO: Q2014-0887 DESIGNED BY: NGHAM 2013/08/25 CHECKED BY: LAURX 2013/08/25 APPR: LAURX 2013/08/25	QUALITY SYMBOLS DESCRIPTION H1	GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH ▽=04 PLACES ± ± ± ± 3 PLACES ± ± ± ± ▽=02 PLACES ±.013 ± ± ± ± ▽=01 PLACE ±.025 ± ± ± ± 0 PLACE ± ± ± ±	DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			DRAWN BY MSANDBERG	DATE 2007/06/18	TITLE IMPACT BP 3 PAIR LEFT GUIDED ASSEMBLY SALES DRAWING		
			CHECKED BY JLAURX	DATE 2007/06/18			
			APPROVED BY JLAURX	DATE 2010/10/15			
			ANGULAR 3/12°		MATERIAL NO.	DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76165-002		SHEET NO. 1 OF 3	
		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

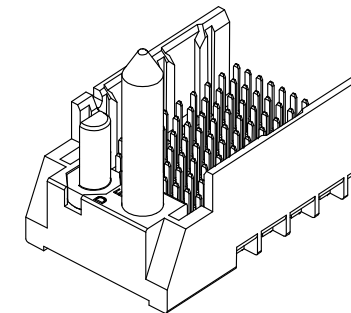
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
76165-*3**	6	18	19.3	9.50	
76165-*8**	8	24	23.1	13.30	
76165-*1**	10	30	26.9	17.10	
76165-*6**	16	48	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
76165-*3**	6	18	17.9	9.50	
76165-*8**	8	24	21.7	13.30	
76165-*1**	10	30	25.5	17.10	
76165-*6**	16	48	36.9	28.50	



GUIDE LEFT
OPEN WALL
OPTION

PART NUMBER LOGIC

76165-****

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

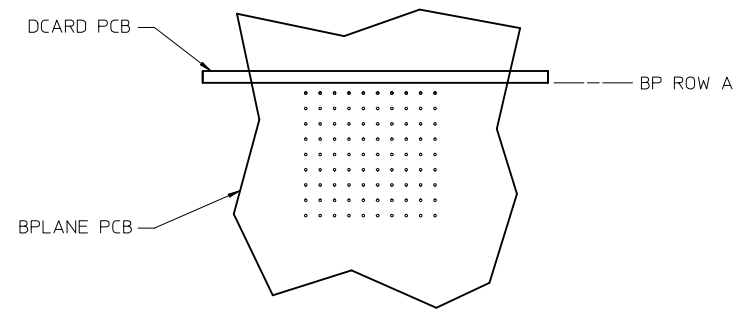
5 = E

6 = F

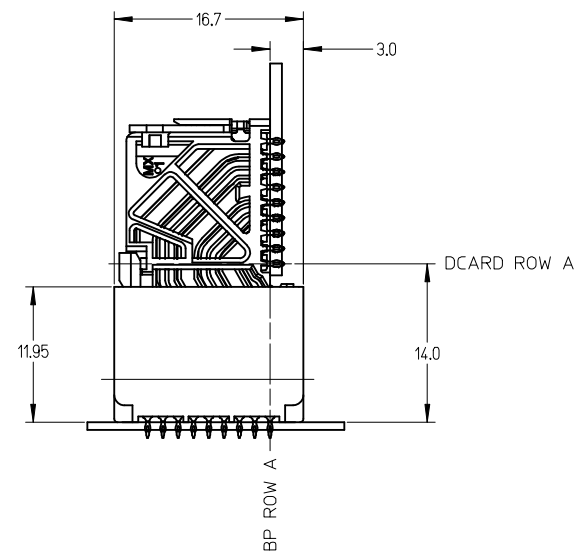
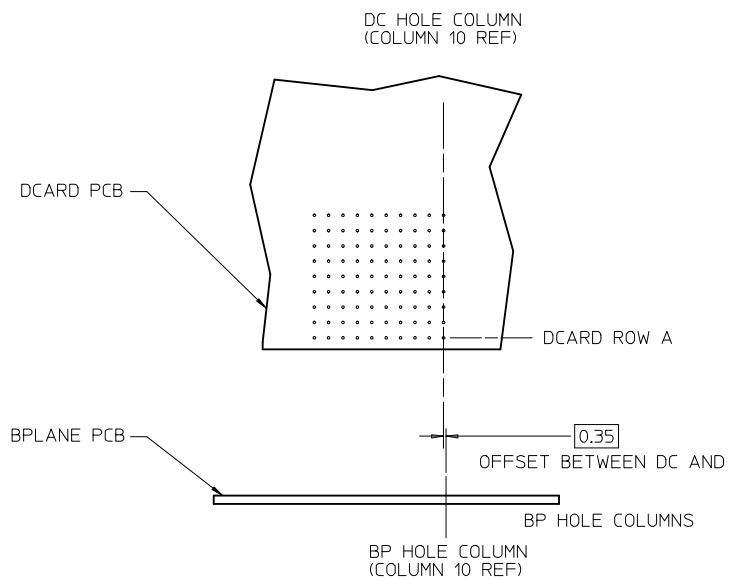
7 = G

8 = H

SEE SHEET 1 EC NO: UCP2014-0887 DRWN: BINGHAM 2013/08/25 CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25	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 BP 3 PAIR LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76165-002	SHEET NO. 2 OF 3
			mm	INCH	DRAWN BY MSANDBERG	DATE 2007/06/18						
			4 PLACES ± ---	± ---	CHECKED BY JLAURX	DATE 2007/06/18						
			3 PLACES ± ---	± ---	APPROVED BY JLAURX	DATE 2010/10/15						
			2 PLACES ± 0.13	± ---	SEE TABLE							
			1 PLACE ± 0.25	± ---								
			0 PLACE ±	±								
			ANGULAR ±1/2°		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE							



IMPACT 3 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1

EC NO: UCP2014-0887

DRWN: J BINGHAM 2013/08/25

CHKD: JLAURX 2013/08/25

APPR: JLAURX 2013/09/25

H1

DESCRIPTION

REV

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE TABLE

SIZE

C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

2:1

TITLE

IMPACT BP 3 PAIR
LEFT GUIDED ASSEMBLY
SALES DRAWING

DOCUMENT NO.

SD-76165-002

SHEET NO.

3 OF 3

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION