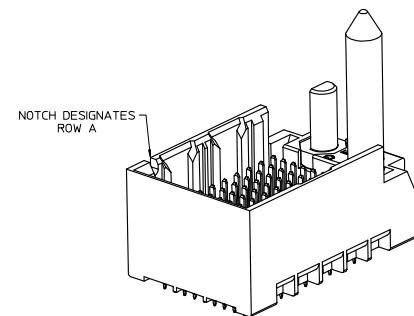
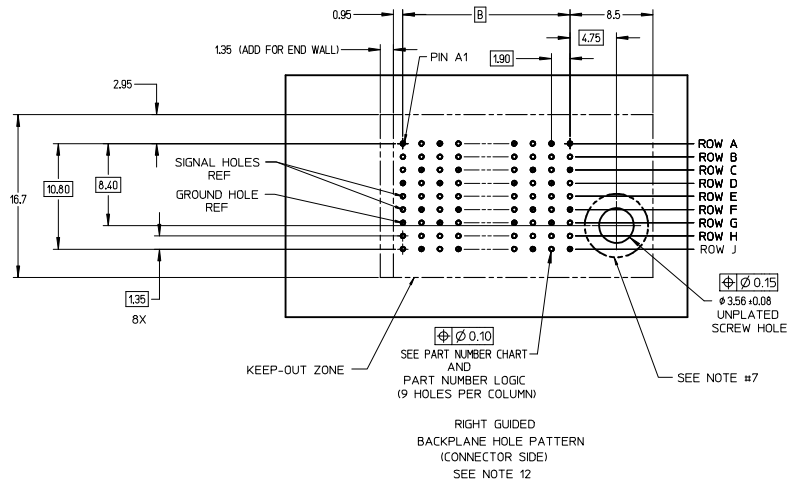
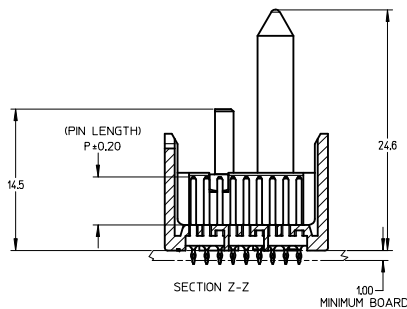
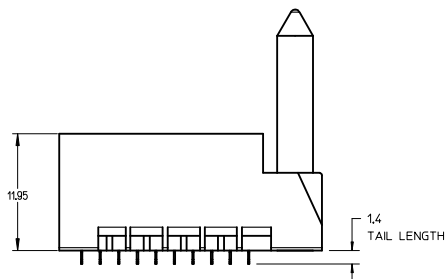
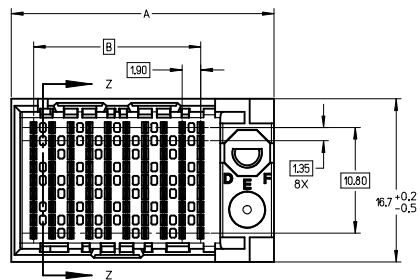




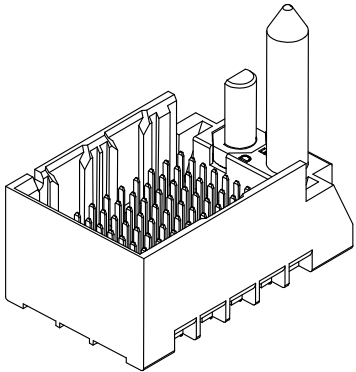
NOTES:

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. 3.56 +/-0.08 (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.*

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
			mm	INCH	MM ONLY	DATE						
1	REVISED (MINOR)	▽=0	4 PLACES ±---	±---	DRAWN BY	MSANDBERG	2007/06/18	4:1	METRIC	IMPACT BP 3 PAIR	SD-76165-003	1 OF 3
2	EC NO: UCP2014-0887	▽=0	3 PLACES ±---	±---	CHECKED BY	JLAURX	2007/06/18			RIGHT GUIDED ASSEMBLY		
3	DRAWN: BINGHAM	▽=0	2 PLACES ±0.13	±---	APPROVED BY	JLAURX	2010/10/15			SALESS DRAWING		
4	CHKD: LAURX		1 PLACE ±0.25	±---						molex		
5	APPR: LAURX		0 PLACE ±	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±1/2°		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

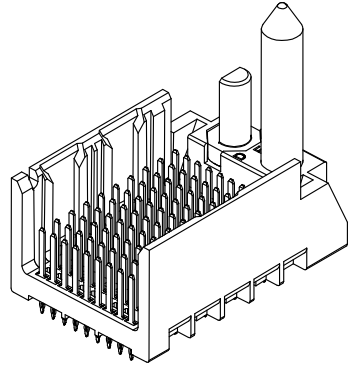
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT 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 RIGHT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT 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 RIGHT
OPEN WALL
OPTION

PART NUMBER LOGIC

76165-****

MODULE TYPE
5 = GUIDE RIGHT, TIN
9 = GUIDE RIGHT END WALL, TIN

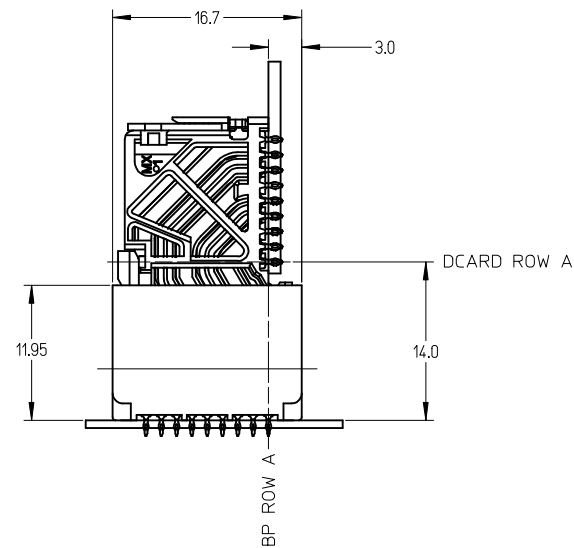
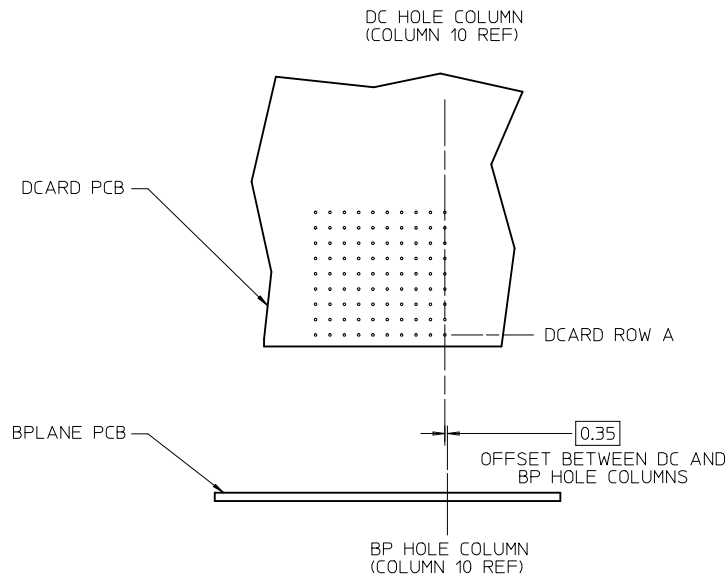
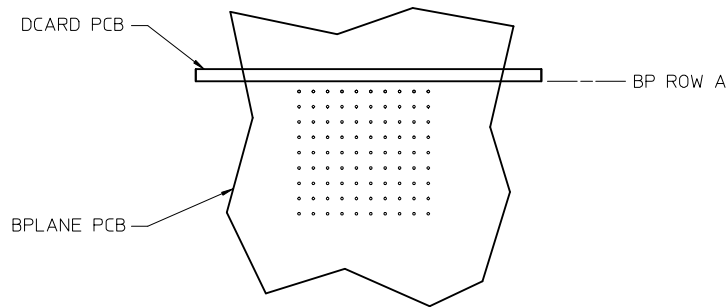
OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

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: UCP2014-0887 DRWN:JBINGHAM 2013/08/25 CHKD:JLAURX 2013/08/25 APPR:JLAURX 2013/09/25	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY MSANDBERG	DATE 2007/06/18	TITLE IMPACT BP 3 PAIR RIGHT GUIDED ASSEMBLY SALESS DRAWING molex				
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2007/06/18					
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2010/10/15					
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE TABLE					DOCUMENT NO. SD-76165-003	SHEET NO. 2 OF 3
			1 PLACE	± 0.25	± ---							
			0 PLACE	±	±	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									

IMPACT 3 PAIR
BOARD RELATIONSHIPS



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 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT BP 3 PAIR RIGHT GUIDED ASSEMBLY SALESS DRAWING molex DOCUMENT NO. SD-76165-003 SHEET NO. 3 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	± ---							
			1 PLACE	± 0.25	± ---							
			0 PLACE	±	±							
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.				SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE						
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				