

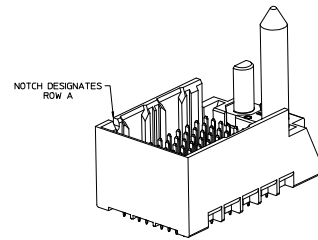
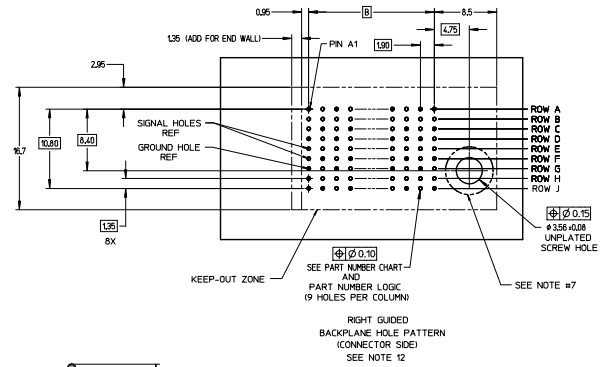
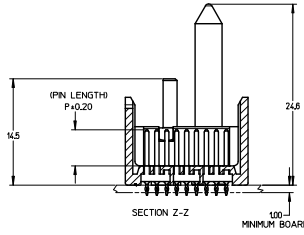
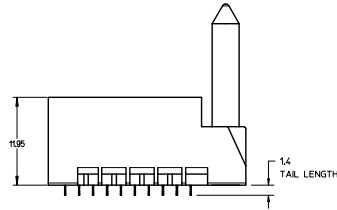
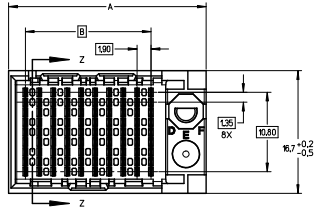
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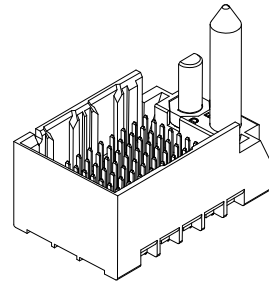
NOTES:

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. 4.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76170.
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 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.

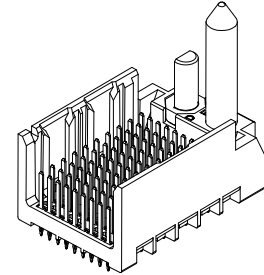
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		4:1		METRIC			
4 PLACES		±0.13		DRAWN BY		DATE					
3 PLACES		±0.25		MSANDBERG		2007/06/18					
2 PLACES		±0.50		CHECKED BY		DATE					
1 PLACE		±1.00		JLAURX		2007/06/18					
0 PLACE		±1.50		APPROVED BY		DATE					
				JLAURX		2010/10/15					
				ANGULAR ±1/2°							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
				SEE TABLE							
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PART NUMBER TABLE

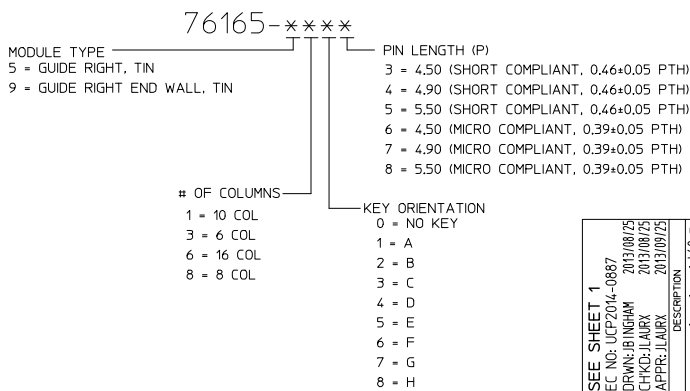
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT END WALL OPTION
76165-*3**	6	18	19.3	9.50	
76165-*8**	8	24	23.1	13.30	
76165-*1**	10	30	26.9	17.10	
76165-*6**	16	48	38.3	28.50	

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	

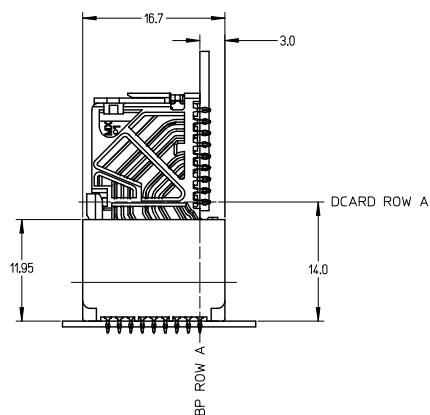
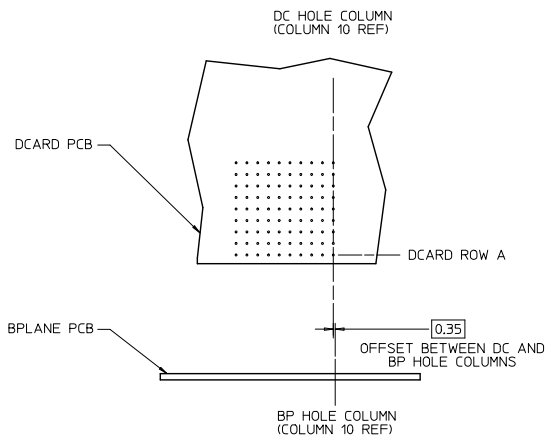
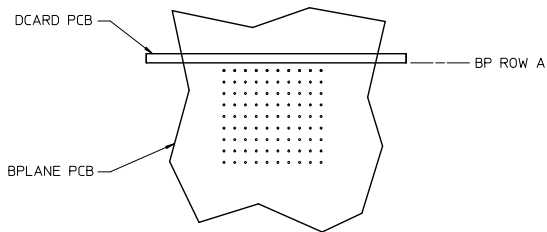
GUIDE RIGHT
OPEN WALL
OPTION

PART NUMBER LOGIC



SEE SHEET 1 EC NO: UCP2014-0887 2013/08/29 DRWN: JINGHAI CHKD: JLAUX 2013/08/29 APPR: JLAUX 2013/09/25	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION J1	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 DOCUMENT NO. SD-76165-003		
			±		±		CHECKED BY JLAUX	DATE 2007/06/18			
			±		±		APPROVED BY JLAUX				
			±		±						
			±		±						
			ANGULAR ±1/2°				MATERIAL NO.		SHEET NO. 2 OF 3		
			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				

IMPACT 3 PAIR
BOARD RELATIONSHIPS



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