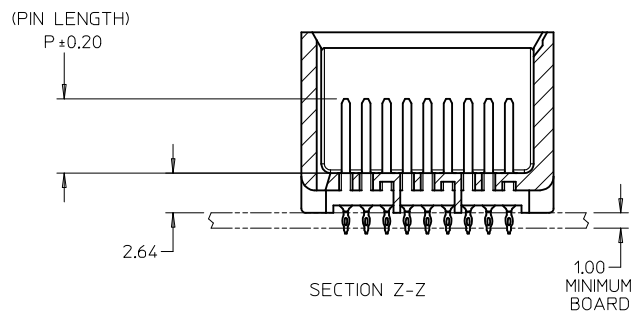
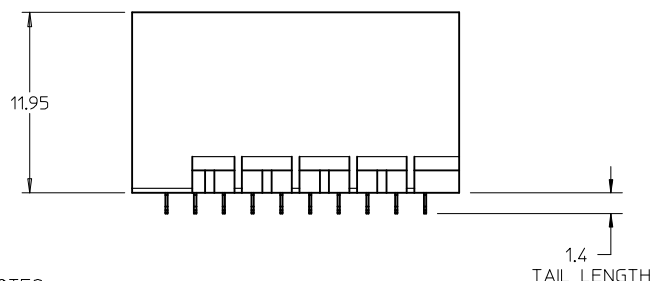
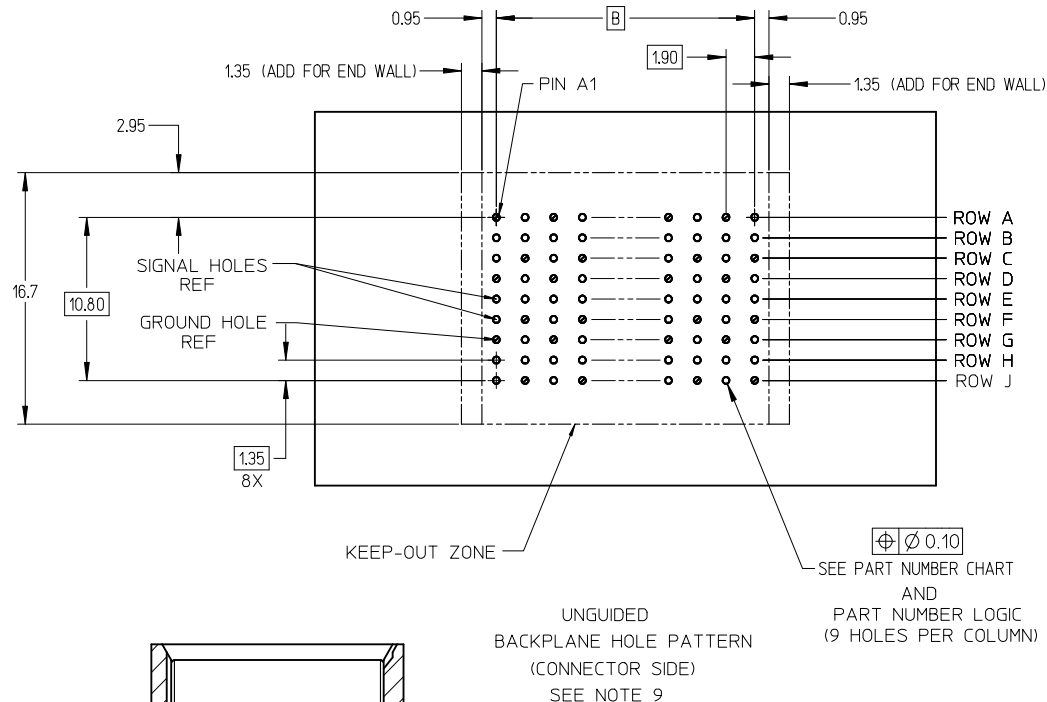
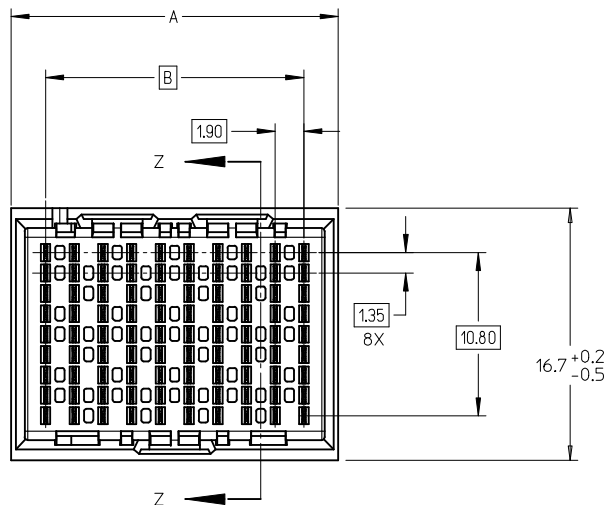
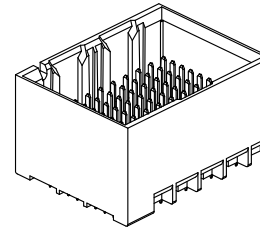


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 5. PARTS PACKAGED PER PK-70873-7700.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. MATES WITH IMPACT DC SERIES NO. 76170.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. *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.*

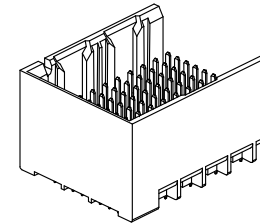
CONVERT TO LEAD-FREE EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: BINGHAM 2012/12/18 APPR: SMILLER 2012/12/31	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					DRAWN BY MSANDBERG	DATE 2007/06/18	TITLE IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-76165-001		
					CHECKED BY JLAURX	DATE 2007/06/18			
					APPROVED BY JLAURX	DATE 2010/10/15			
					MATERIAL NO. SEE TABLE				
					SHEET NO. 1 OF 3				
			ANGULAR ±1/2°						
			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		

PART NUMBER TABLE

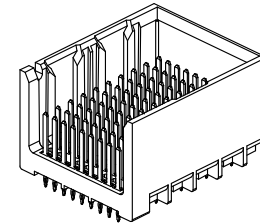
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
76165- $\times$ 32 $\times$	6	18	14.1	9.50	
76165- $\times$ 82 $\times$	8	24	17.9	13.30	
76165- $\times$ 12 $\times$	10	30	21.7	17.10	
76165- $\times$ 62 $\times$	16	48	33.1	28.50	

DUAL END
WALL OPTION

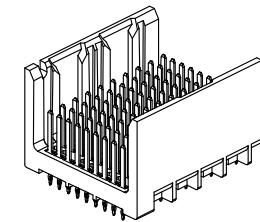
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
76165- $\times$ 31 $\times$	6	18	12.7	9.50	
76165- $\times$ 81 $\times$	8	24	16.5	13.30	
76165- $\times$ 11 $\times$	10	30	20.3	17.10	
76165- $\times$ 61 $\times$	16	48	31.7	28.50	

LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
76165- $\times$ 33 $\times$	6	18	12.7	9.50	
76165- $\times$ 83 $\times$	8	24	16.5	13.30	
76165- $\times$ 13 $\times$	10	30	20.3	17.10	
76165- $\times$ 63 $\times$	16	48	31.7	28.50	

RIGHT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	OPEN WALL OPTION
76165- $\times$ 30 $\times$	6	18	11.3	9.50	
76165- $\times$ 80 $\times$	8	24	15.1	13.30	
76165- $\times$ 10 $\times$	10	30	18.9	17.10	
76165- $\times$ 60 $\times$	16	48	30.4	28.50	

OPEN
WALL OPTION

PART NUMBER LOGIC

76165- $\times$ $\times$ $\times$ $\times$ MODULE TYPE
1 = UNGUIDED, TIN

PIN LENGTH (P)

3 = 4.50 (SHORT COMPLIANT, 0.46 $\pm$ 0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46 $\pm$ 0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46 $\pm$ 0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39 $\pm$ 0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39 $\pm$ 0.05 PTH)
8 = 5.50 (MICRO COMPLANT, 0.39 $\pm$ 0.05 PTH)

END WALL OPTIONS

0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL

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

SEE SHEET 1
EC NO: UCP2013-2078
DRAWN: IBARRA 2012/11/26
CHKD: BINGHAM 2012/12/18
APPR: MILLER 2012/12/31

QUALITY
SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	$\pm$ 0.13	$\pm$ ---
1 PLACE	$\pm$ 0.25	$\pm$ ---
0 PLACE	$\pm$	$\pm$

ANGULAR $\pm$ 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
MSANDBERG	2007/06/18
CHECKED BY	DATE
JLAURX	2007/06/18
APPROVED BY	DATE
JLAURX	2010/10/15

MATERIAL NO.
SEE TABLE

SCALE
2.5:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

IMPACT BP 3 PAIR
UNGUIDED ASSEMBLY
SALES DRAWING

molex

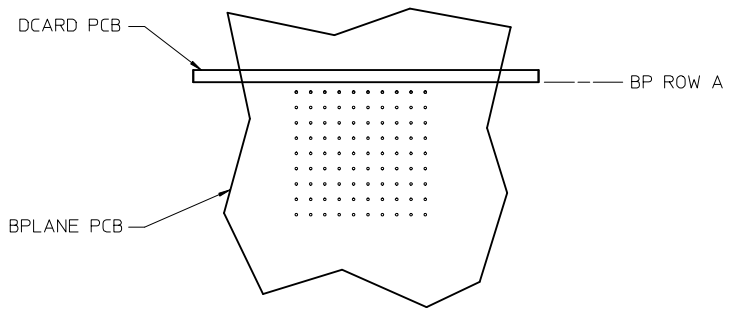
DOCUMENT NO.
SD-76165-001

SHEET NO.
2 OF 3

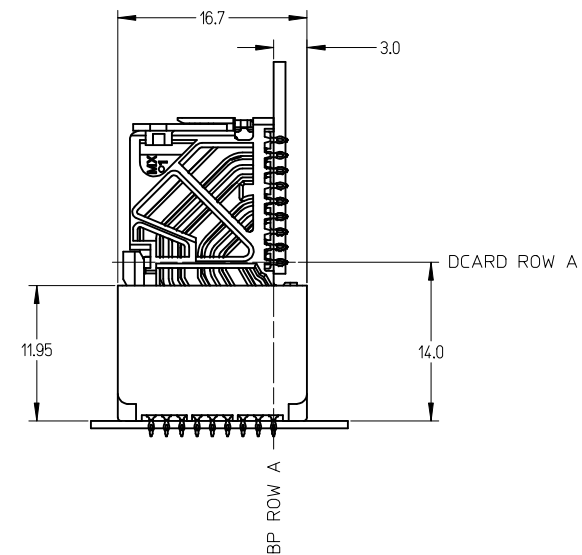
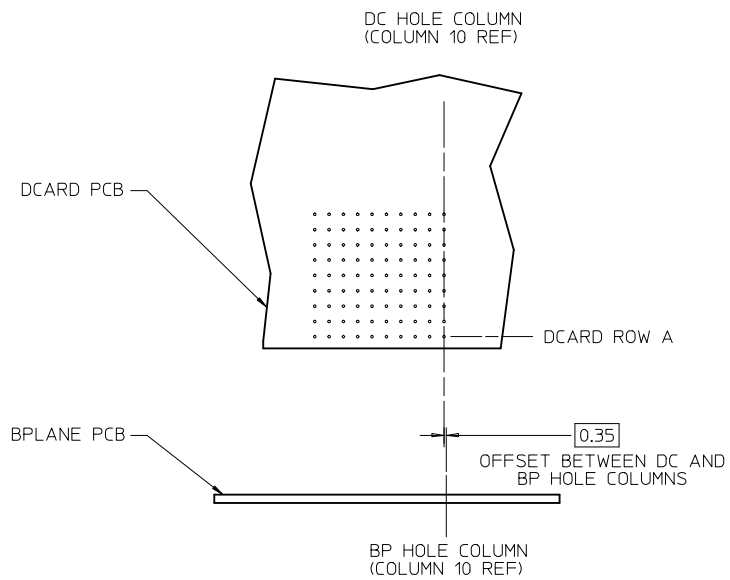
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

13 12 11 10 9 8 7 6 5 4 3 2 1

J
I
H
G
F
E
D
C
B
A



IMPACT 3 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: BINGHAM 2012/12/18 APPR: MILLER 2012/12/31	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING molex								
							DRAWN BY MSANDBERG	DATE 2007/06/18	DOCUMENT NO. SD-76165-001				SHEET NO. 3 OF 3							
				4 PLACES ± --- ± ---			APPROVED BY JLAURX			DATE 2010/10/15										
				3 PLACES ± --- ± ---			CHECKED BY JLAURX			DATE 2007/06/18										
				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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

12 11 10 9 8 7 6 5 4 3 2 1