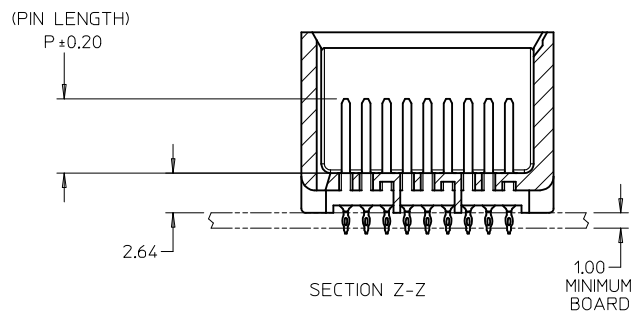
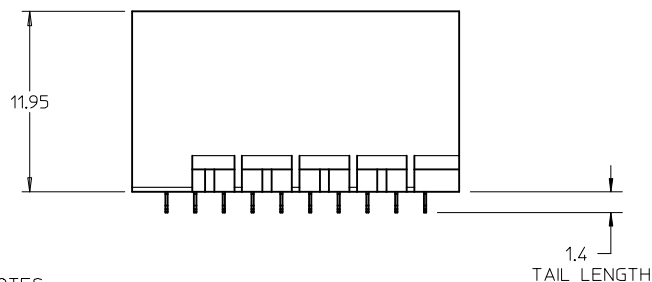
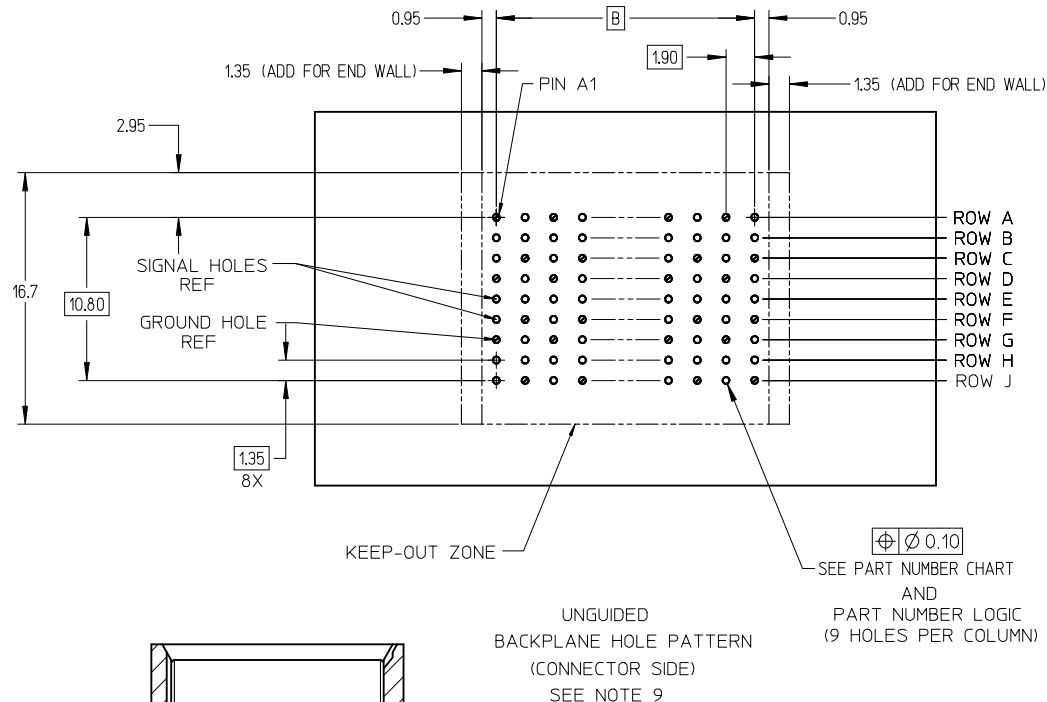
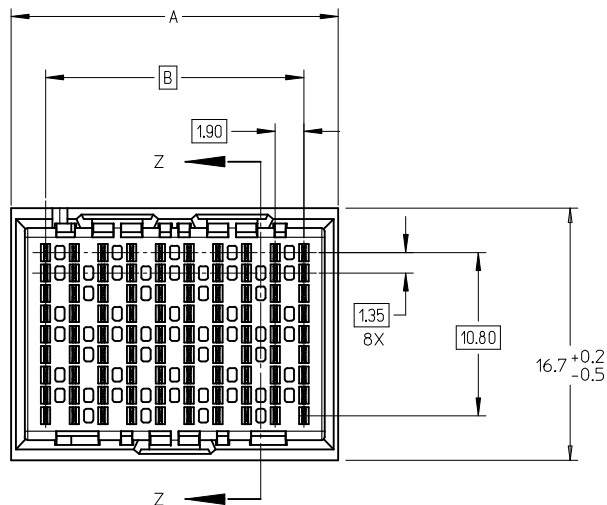
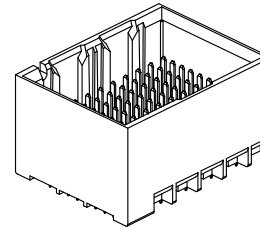


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND 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.*

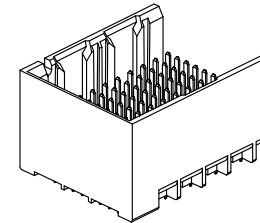
CONVERT TO LEAD-FREE EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: BINGHAM 2012/12/18 APPR: SMILLER 2012/12/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					DRAWN BY MSANDBERG	DATE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

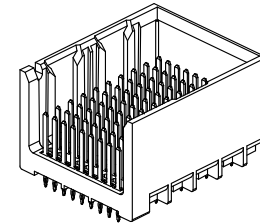
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
76165- $\times$ 32 $\times$	6	18	14.1	9.50	
76165- $\times$ 82 $\times$	8	24	17.9	13.30	
76165- $\times$ 12 $\times$	10	30	21.7	17.10	
76165- $\times$ 62 $\times$	16	48	33.1	28.50	

DUAL END
WALL OPTION

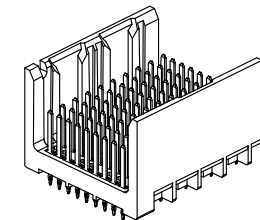
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
76165- $\times$ 31 $\times$	6	18	12.7	9.50	
76165- $\times$ 81 $\times$	8	24	16.5	13.30	
76165- $\times$ 11 $\times$	10	30	20.3	17.10	
76165- $\times$ 61 $\times$	16	48	31.7	28.50	

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

DESCRIPTION
REV

QUALITY
SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$ 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	$\pm$	$\pm$

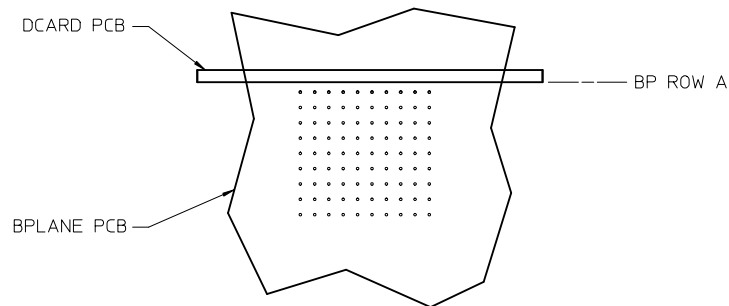
ANGULAR $\pm 1/2^\circ$ DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY

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

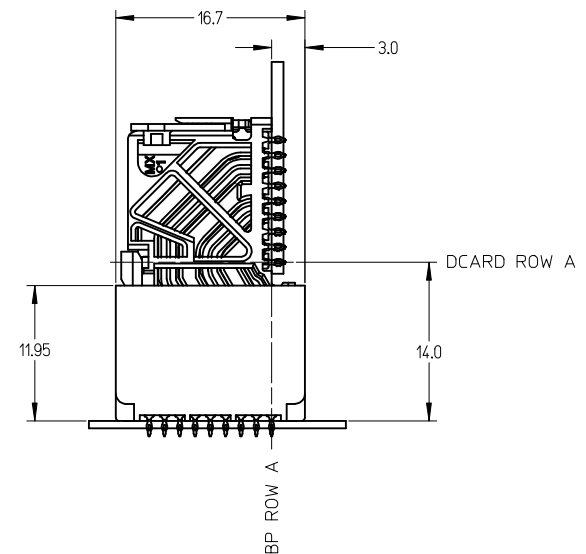
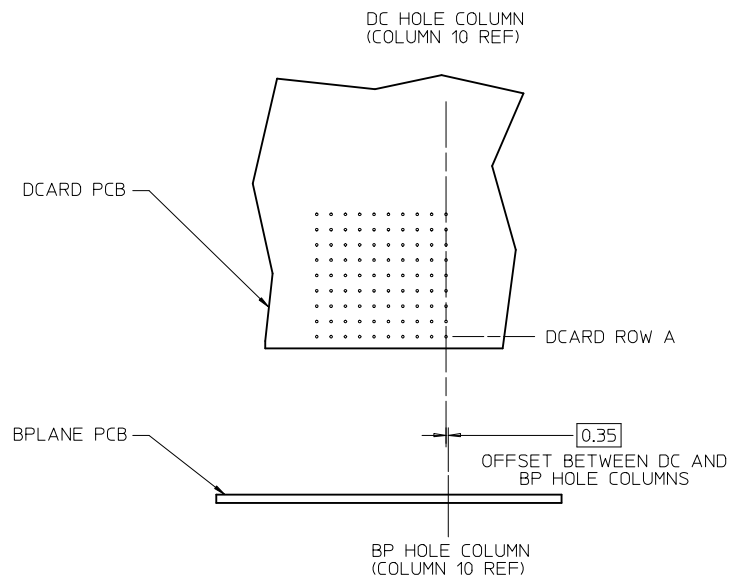
MATERIAL NO.
SEE TABLESCALE
2.5:1DESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONIMPACT BP 3 PAIR
UNGUIDED ASSEMBLY
SALES DRAWING

molex

DOCUMENT NO.
SD-76165-001SHEET NO.
2 OF 3



IMPACT 3 PAIR BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 — DRWN: J BARRA 2012/11/26 CHKD: J BINGHAM 2012/12/18 APPR: S MILLER 2012/12/31	DESCRIPTION	QUALITY SYMBOLS = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		3:1	METRIC		
					DRAWN BY DATE		TITLE			
					CHECKED BY DATE					
					APPROVED BY DATE					
					MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE TABLE		SD-76165-001		3 OF 3	
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					