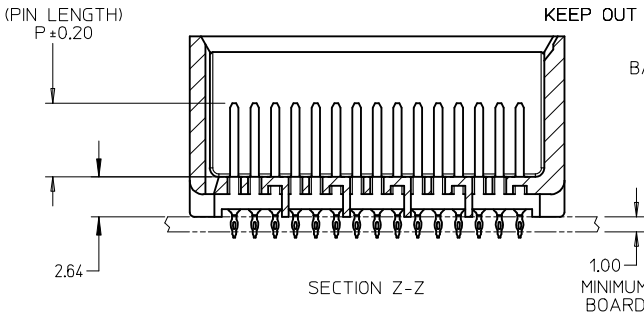
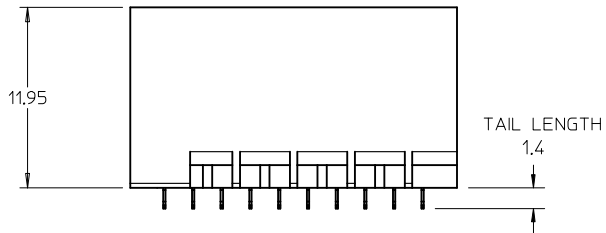
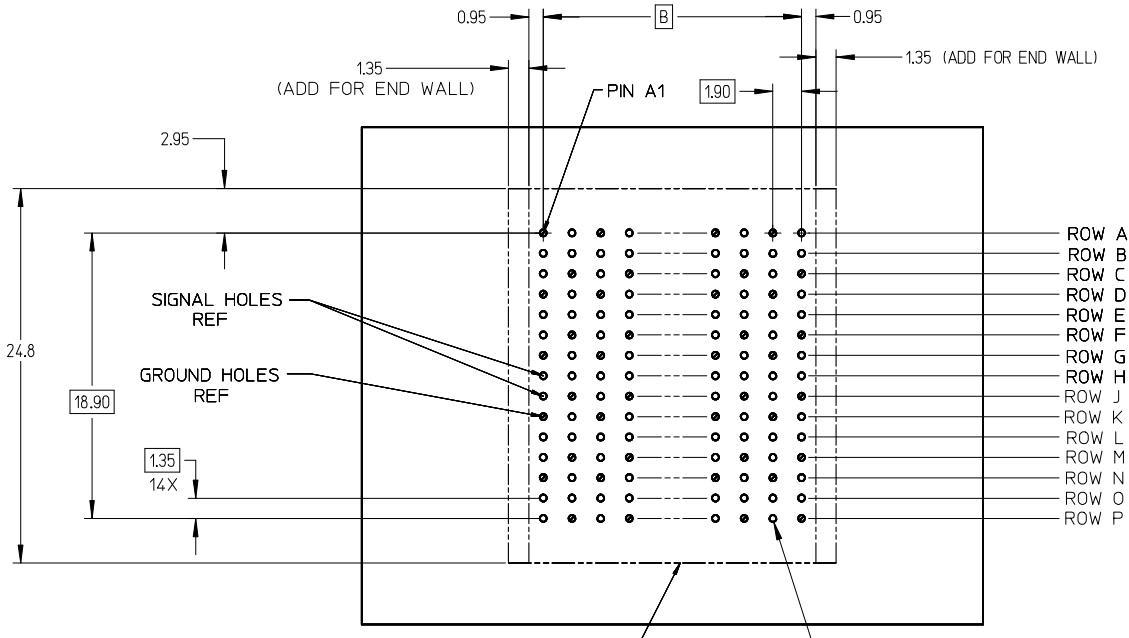
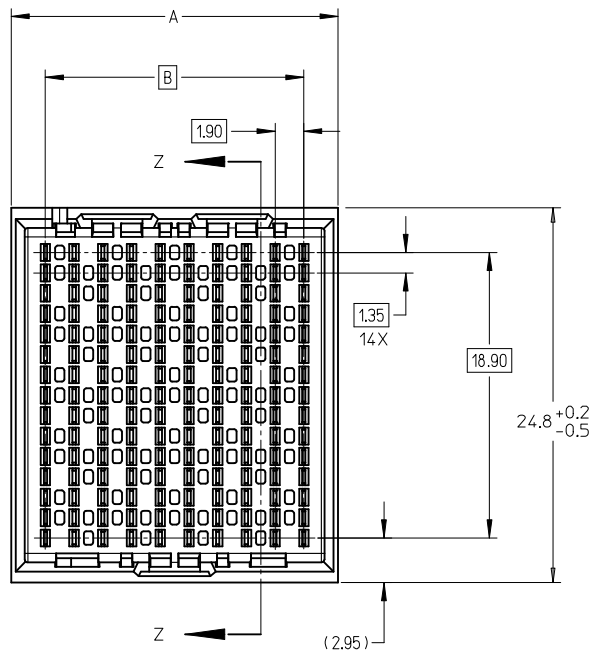
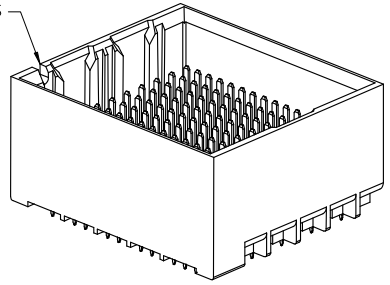




KEEP OUT ZONE
 UNGUIDED
 BACKPLANE HOLE PATTERN
 (CONNECTOR SIDE)
 SEE NOTE 9

SEE PART NUMBER CHART
 AND
 PART NUMBER LOGIC
 (15 HOLES PER COLUMN)



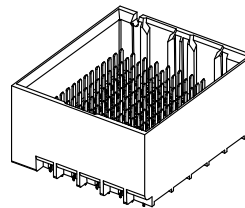
Pd-Ni
 PLATING

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
 GLASS-FILLED, UL94V-0
 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 5 MICROINCH MINIMUM GOLD FLASH OVER 20 MICROINCH MINIMUM
 Pd-Ni 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-70873-7702.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. MATES WITH IMPACT DC SERIES NO. 76060.
 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 THE 1.9mm PROGRESSION.*

INITIAL RELEASE EC NO: UCP2016-2332 DRWNS:SVANG01 2015/12/09 CHKD:MWOLFE 2015/12/09 APPR:SMILLER 2015/12/17 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY DATE SVANG01 2015/12/09		TITLE IMPACT 5 PAIR HEADER UNGUIDED PDNI ASSEMBLY SALES DRAWING molex			
			4 PLACES	± ---	± ---	CHECKED BY DATE MWOLFE 2015/12/09					
			3 PLACES	± ---	± ---	APPROVED BY DATE SMILLER 2015/12/17					
			2 PLACES	± 0.13	± ---	MATERIAL NO.				DOCUMENT NO.	SHEET NO.
			1 PLACE	± 0.25	± ---	SEE TABLE				RSD-173430-001	1 OF 3
			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								

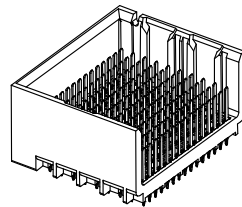
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
173430- *12*	10	50	21.7	17.10	
173430- *22*	12	60	25.5	20.90	
173430- *72*	14	70	29.3	24.70	
173430- *62*	16	80	33.1	28.50	



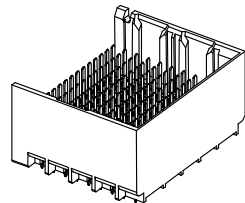
DUAL END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
173430- *11*	10	50	20.3	17.10	
173430- *21*	12	60	24.1	20.90	
173430- *71*	14	70	27.9	24.70	
173430- *61*	16	80	31.7	28.50	



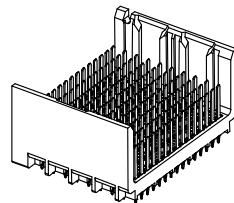
LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
173430- *13*	10	50	20.3	17.10	
173430- *23*	12	60	24.1	20.90	
173430- *73*	14	70	27.9	24.70	
173430- *63*	16	80	31.7	28.50	



RIGHT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	OPEN WALL OPTION
173430- *10*	10	50	18.9	17.10	
173430- *20*	12	60	22.7	20.90	
173430- *70*	14	70	26.5	24.70	
173430- *60*	16	80	30.3	28.50	



OPEN
WALL OPTION

SEE SHEET 1 EC NO: UCP2016-2332 DRWN:SVANG01 2015/12/09 CHKD:MWOLFE 2015/12/09 APPR:SMILLER 2015/12/17 A	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION				
					MM ONLY		2:1	METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY	DATE	TITLE IMPACT 5 PAIR HEADER UNGUIDED PDNI ASSEMBLY SALES DRAWING					
			4 PLACES	± ---	± ---	SVANG01	2015/12/09						
			3 PLACES	± ---	± ---	CHECKED BY	DATE	molex					
			2 PLACES	± 0.13	± ---	MWOLFE	2015/12/09						
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	DOCUMENT NO. RSD-173430-001					
			0 PLACE	±		SMILLER	2015/12/17						
			ANGULAR ±1/2°			MATERIAL NO.		SHEET NO. 2 OF 3					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE							
REV			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

PART NUMBER LOGIC

173430-****

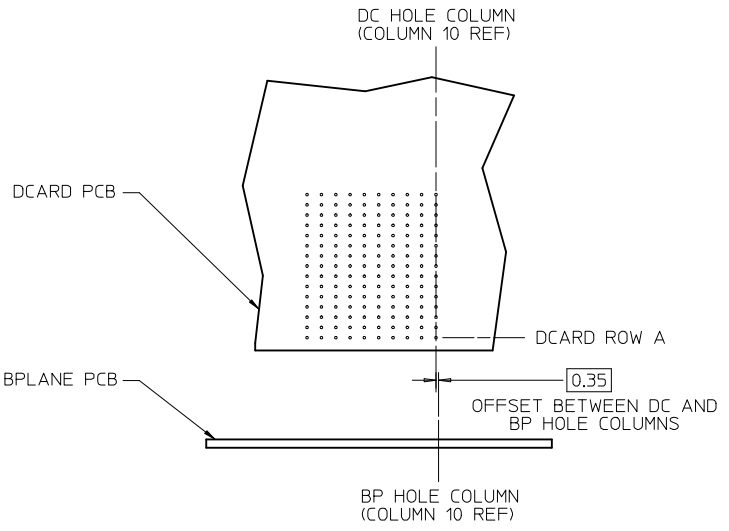
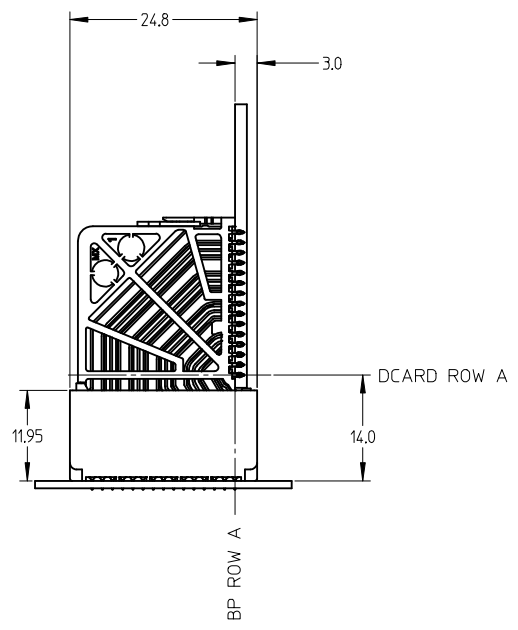
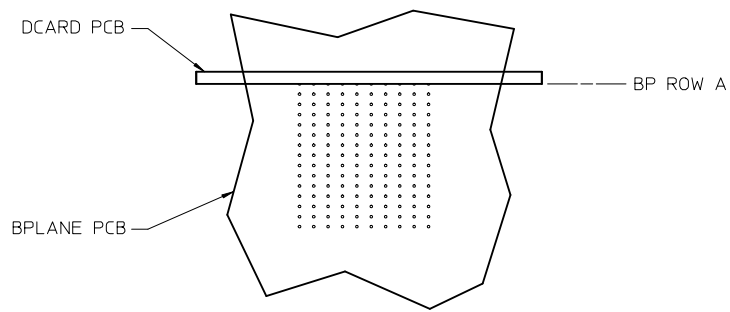
MODULE TYPE
1 = UNGUIDED, TIN

OF COLUMNS
1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL

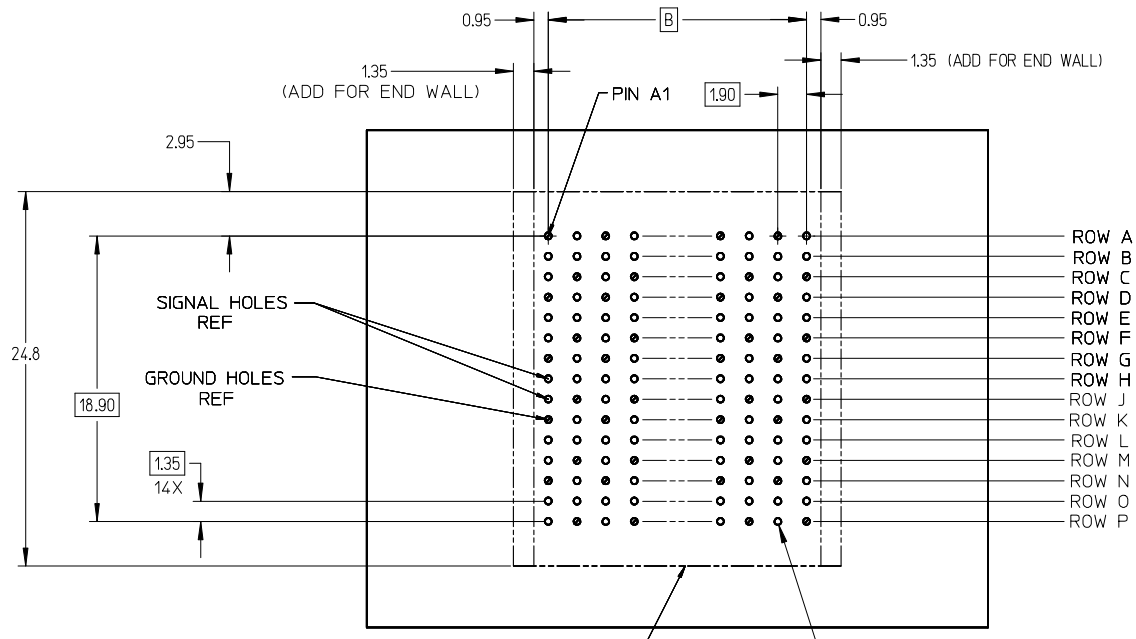
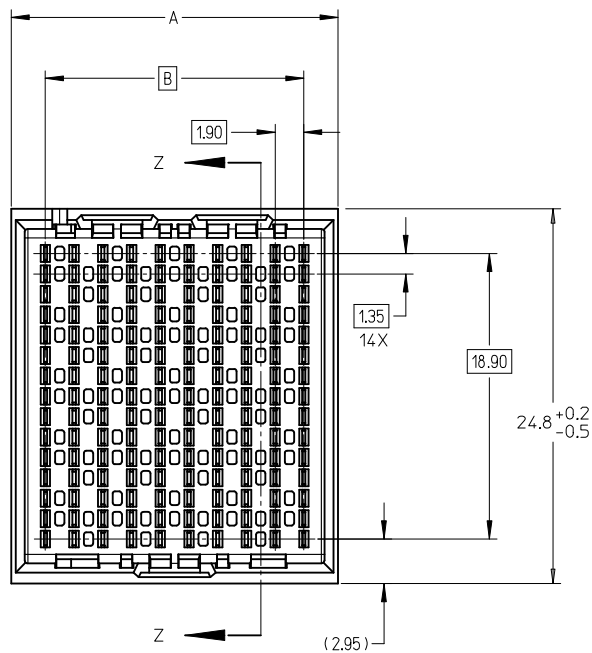
P=PIN LENGTH
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

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

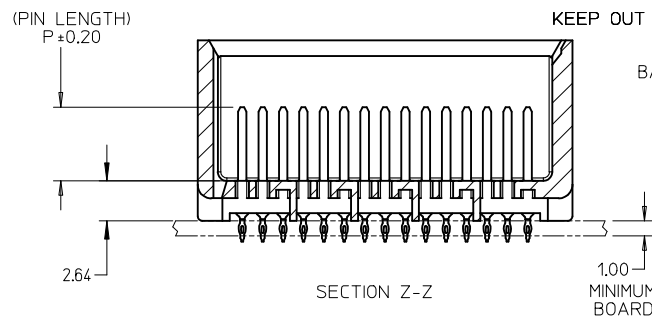
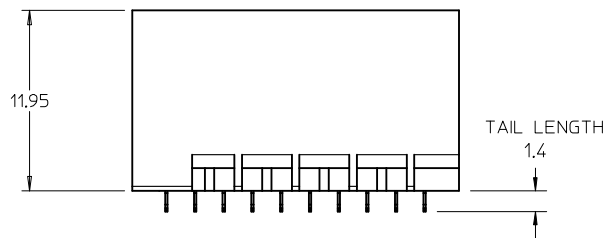
IMPACT 5 PAIR BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2016-2332 DRWNSVANG01 2015/12/09 CHKD:MWOLFE APPR:SMILLER 2015/12/17 A	REV	DESCRIPTION	QUANTITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER UNGUIDED PDNI ASSEMBLY SALES DRAWING molex	
mm		INCH		DRAWN BY SVANG01		DATE 2015/12/09						
4 PLACES ± ---		± ---		CHECKED BY MWOLFE		DATE 2015/12/09						
3 PLACES ± ---		± ---										
2 PLACES ± 0.13		± ---										
1 PLACE ± 0.25		± ---		APPROVED BY SMILLER		DATE 2015/12/17						
0 PLACE ±		±										
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		RSD-173430-001				3 OF 3		
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



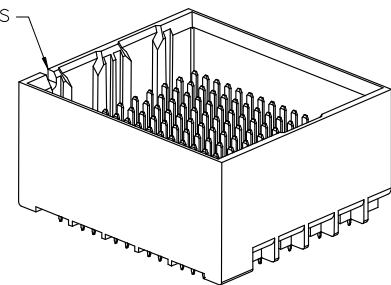
ROW A
ROW B
ROW C
ROW D
ROW E
ROW F
ROW G
ROW H
ROW J
ROW K
ROW L
ROW M
ROW N
ROW O
ROW P



KEEP OUT ZONE
UNGUIDED
BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)
SEE NOTE 9

SEE PART NUMBER CHART
AND
PART NUMBER LOGIC
(15 HOLES PER COLUMN)

NOTCH DESIGNATES
ROW A



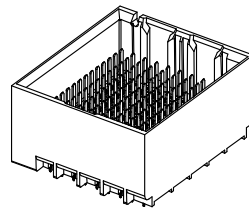
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
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-70873-7702.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. MATES WITH IMPACT DC SERIES NO. 76060.
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 THE 1.9mm PROGRESSION."

CONVERT TO LEAD-FREE EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: J.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			
				mm	INCH	DRAWN BY JLAURX	DATE 2007/06/18	TITLE IMPACT 5 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	JLAURX	2007/06/18					
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-76055-001				
			1 PLACE	± 0.25	± ---	JLAURX	2010/10/15					
			0 PLACE	±	±	MATERIAL NO.						
			ANGULAR ±1/2°		SEE TABLE							
			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					

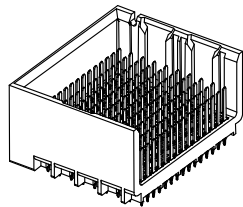
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
76055- $\ast$ 12 $\ast$	10	50	21.7	17.10	
76055- $\ast$ 22 $\ast$	12	60	25.5	20.90	
76055- $\ast$ 72 $\ast$	14	70	29.3	24.70	
76055- $\ast$ 62 $\ast$	16	80	33.1	28.50	



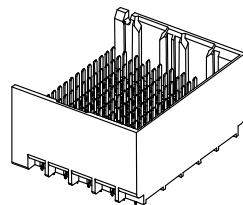
DUAL END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
76055- $\ast$ 11 $\ast$	10	50	20.3	17.10	
76055- $\ast$ 21 $\ast$	12	60	24.1	20.90	
76055- $\ast$ 71 $\ast$	14	70	27.9	24.70	
76055- $\ast$ 61 $\ast$	16	80	31.7	28.50	



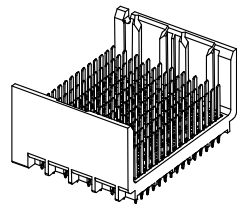
LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
76055- $\ast$ 13 $\ast$	10	50	20.3	17.10	
76055- $\ast$ 23 $\ast$	12	60	24.1	20.90	
76055- $\ast$ 73 $\ast$	14	70	27.9	24.70	
76055- $\ast$ 63 $\ast$	16	80	31.7	28.50	



RIGHT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	OPEN WALL OPTION
76055- $\ast$ 10 $\ast$	10	50	18.9	17.10	
76055- $\ast$ 20 $\ast$	12	60	22.7	20.90	
76055- $\ast$ 70 $\ast$	14	70	26.5	24.70	
76055- $\ast$ 60 $\ast$	16	80	30.3	28.50	



OPEN
WALL OPTION

SEE SHEET 1 EC NO: UCP2013-2078 DRWN: TIBARRA 2012/11/26 CHKD: JB INGHAM 2012/12/18 APPR: SMILLER 2012/12/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	 	mm INCH		DRAWN BY DATE		IMPACT 5 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex			
				JLAURX 2007/06/18					
		4 PLACES $\pm$ --- $\pm$ ---		CHECKED BY DATE		SD-76055-001 SHEET NO. 2 OF 3			
		3 PLACES $\pm$ --- $\pm$ ---		JLAURX 2007/06/18					
2 PLACES $\pm$ 0.13 $\pm$ ---		APPROVED BY DATE							
1 PLACE $\pm$ 0.25 $\pm$ ---		JLAURX 2010/10/15		MATERIAL NO.		DOCUMENT NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
0 PLACE $\pm$ $\pm$		ANGULAR $\pm$ 1/2°		SEE TABLE					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE C					

PART NUMBER LOGIC

76055-****

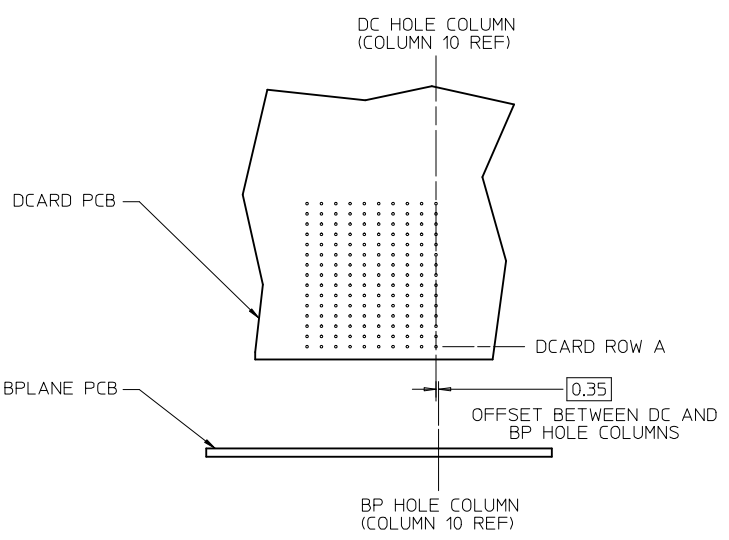
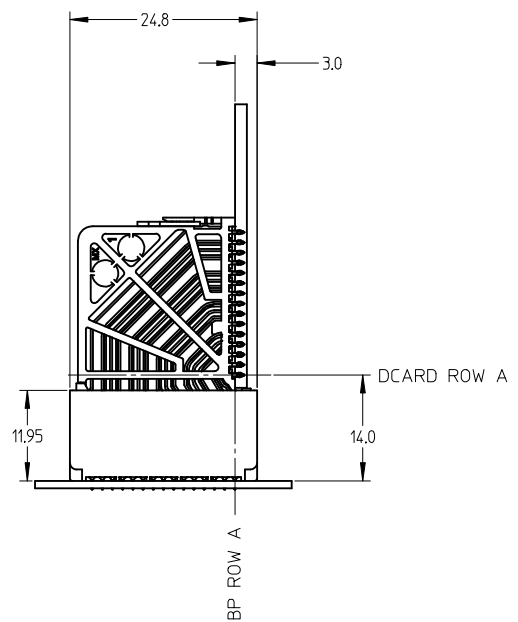
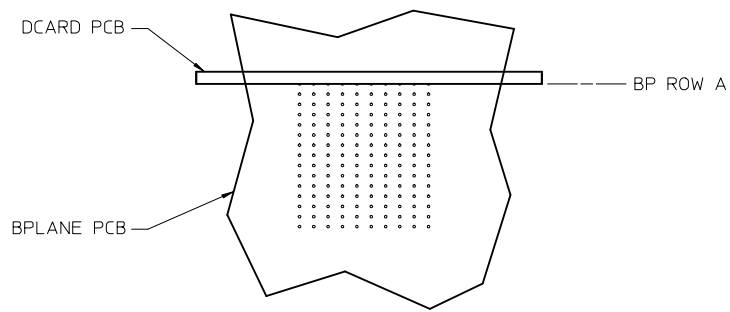
P=PIN LENGTH
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

MODULE TYPE
1 = UNGUIDED,TIN

OF COLUMNS
1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL

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

IMPACT 5 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 DRWN:TIBARRA 2012/11/26 CHKD:JBINGHAM 2012/12/18 APPR:SMILLER 2012/12/31	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION						
					MM ONLY		2:1	METRIC							
					mm	INCH	DRAWN BY	DATE		TITLE IMPACT 5 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex					
					4 PLACES ± ---	± ---	JLAURX	2007/06/18							
					3 PLACES ± ---	± ---	CHECKED BY	DATE							
					2 PLACES ± 0.13	± ---	JLAURX	2007/06/18							
					1 PLACE ± 0.25	± ---	APPROVED BY	DATE							
					0 PLACE ±	±	JLAURX	2010/10/15		DOCUMENT NO. SD-76055-001	SHEET NO. 3 OF 3				
					ANGULAR ±1/2°		MATERIAL NO.								
					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								