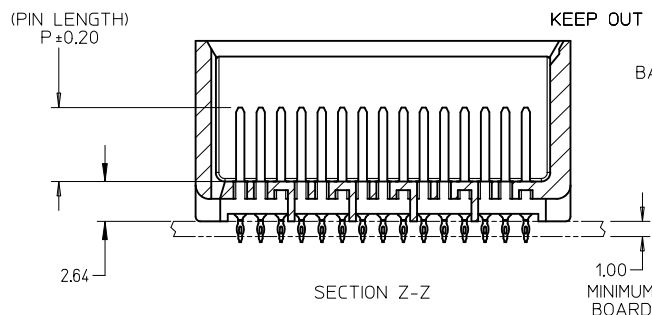
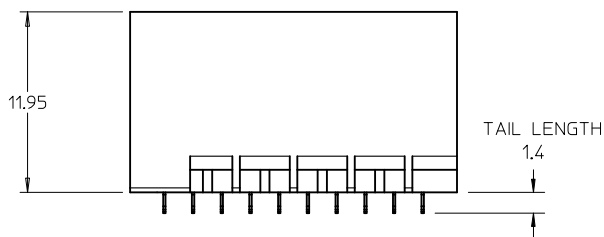
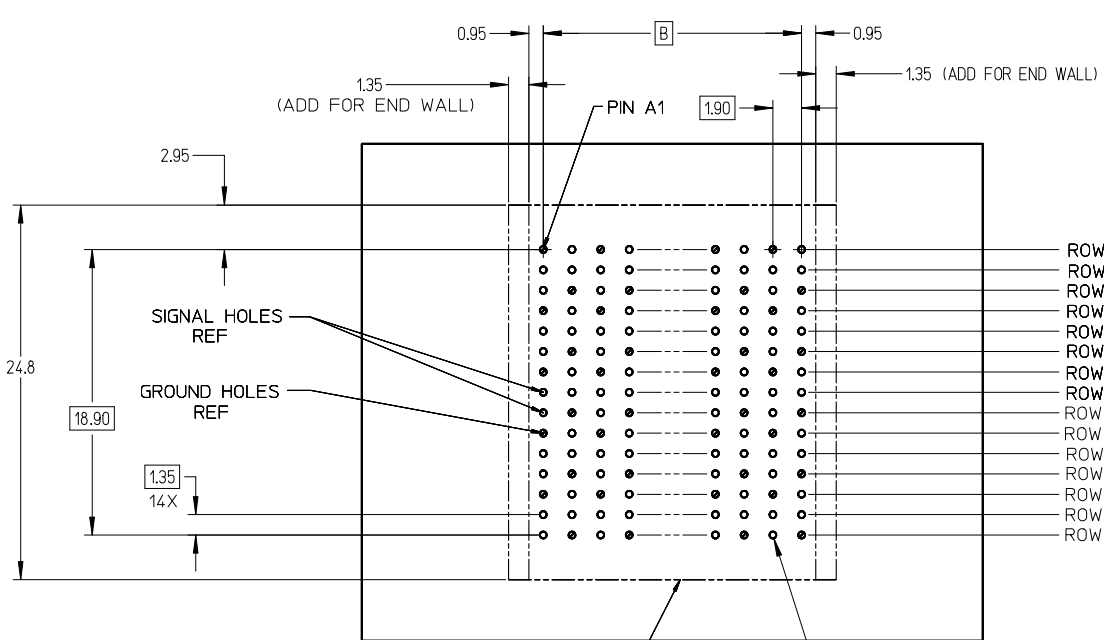
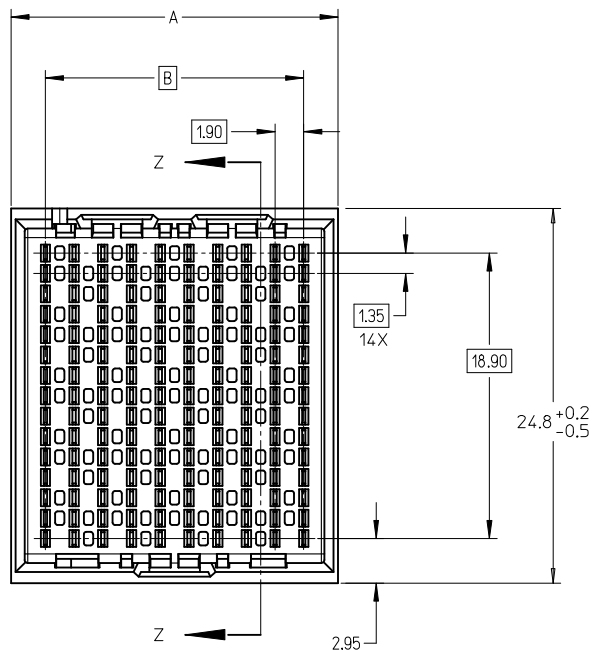


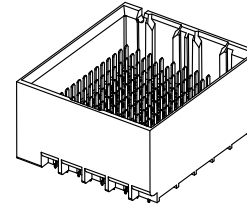
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10 MNCH MIN GOLD IN CONTACT AREA.
SELECTIVE MATTE TIN (LEAD-FREE) 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.*

MINOR CHANGE EC NO: UCP2012-3822 2012/05/22 DRAWINGS CHKD: APPR:RNELSON 2012/06/04	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JBINGHAM	DATE 2011/11/21	TITLE IMPACT 5 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-171296-0001 SHEET NO. 1 OF 3					
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2011/11/21						
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2011/12/02						
			2 PLACES	± 0.13	± ---	MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			1 PLACE	± 0.25	± ---	SIZE							
			0 PLACE	±	±	SEE CHART							
			ANGULAR ±1/2°										
			B	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

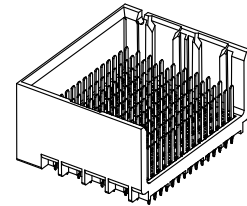
PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
171296-182*	8	40	17.9	13.30	
171296-112*	10	50	21.7	17.10	
171296-122*	12	60	25.5	20.90	
171296-172*	14	70	29.3	24.70	
171296-162*	16	80	33.1	28.50	



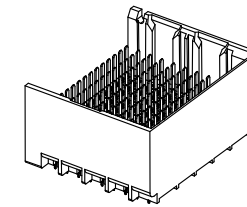
DUAL END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
171296-118*	8	40	16.5	13.30	
171296-111*	10	50	20.3	17.10	
171296-121*	12	60	24.1	20.90	
171296-171*	14	70	27.9	24.70	
171296-161*	16	80	31.7	28.50	



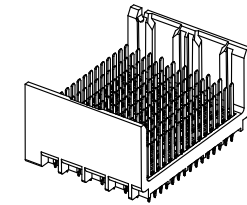
LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
171296-183*	8	40	16.5	13.30	
171296-113*	10	50	20.3	17.10	
171296-123*	12	60	24.1	20.90	
171296-173*	14	70	27.9	24.70	
171296-163*	16	80	31.7	28.50	



RIGHT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	OPEN WALL OPTION
171296-180*	8	40	15.1	13.30	
171296-110*	10	50	18.9	17.10	
171296-120*	12	60	22.7	20.90	
171296-170*	14	70	26.5	24.70	
171296-160*	16	80	30.3	28.50	



OPEN
WALL OPTION

SEE SHEET 1
EC NO: UCP2012-3822
DRAWN BY: 2012/05/22
CHKD: 2012/06/04
APPR: RNELSON

QUALITY
SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .---
2 PLACES	± 0.13	± .---
1 PLACE	± 0.25	± .---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
JB INGHAM	2011/11/21
CHECKED BY	DATE
JLAURX	2011/11/21
APPROVED BY	DATE
JLAURX	2011/12/02

MATERIAL NO.
SEE CHART

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
IMPACT 5 PAIR BACKPLANE
UNGUIDED ASSEMBLY
SALES DRAWING

molex

DOCUMENT NO.
SD-171296-0001

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

PART NUMBER LOGIC

171296-***

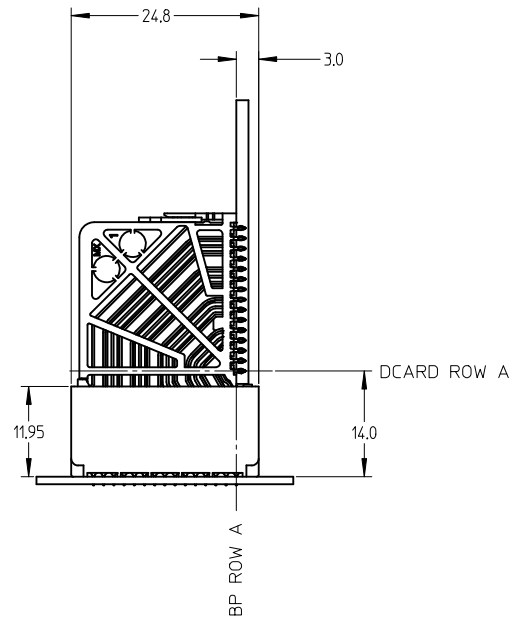
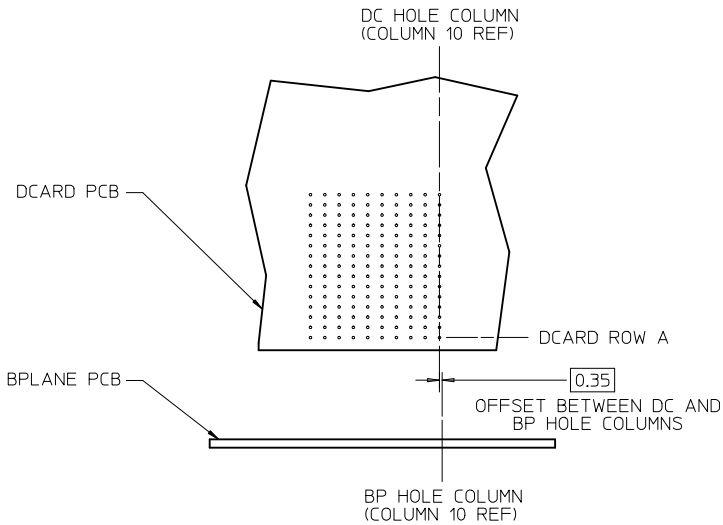
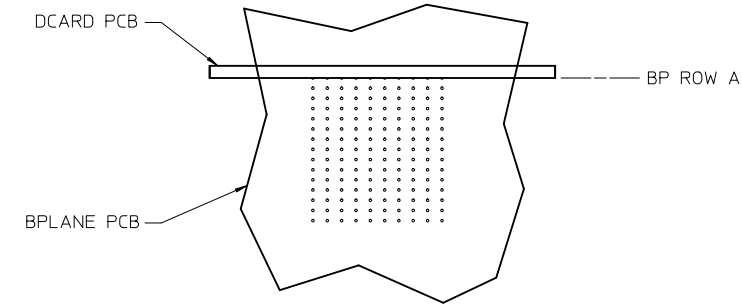
MODULE TYPE
1 = UNGUIDED,MATTE TIN

OF COLUMNS
1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL
8 = 8 COL

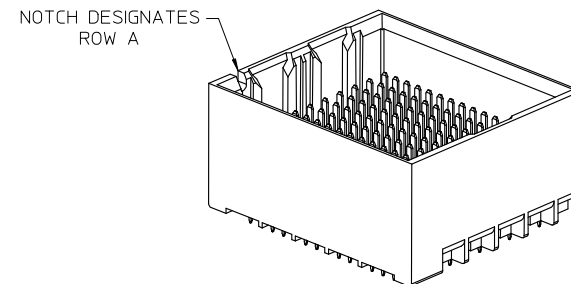
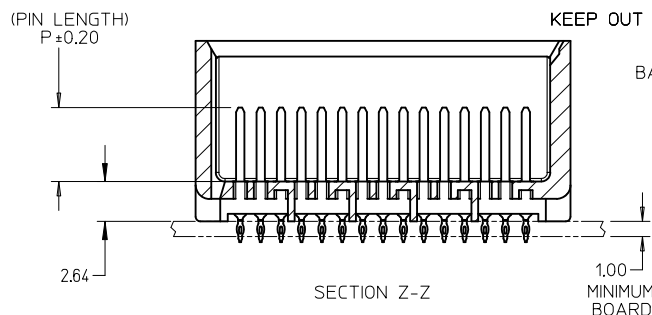
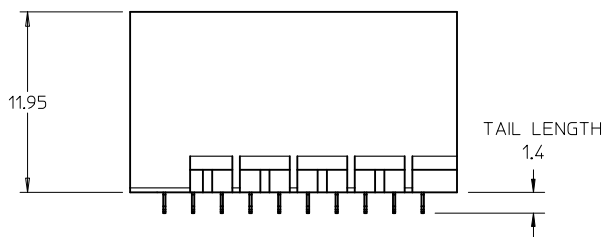
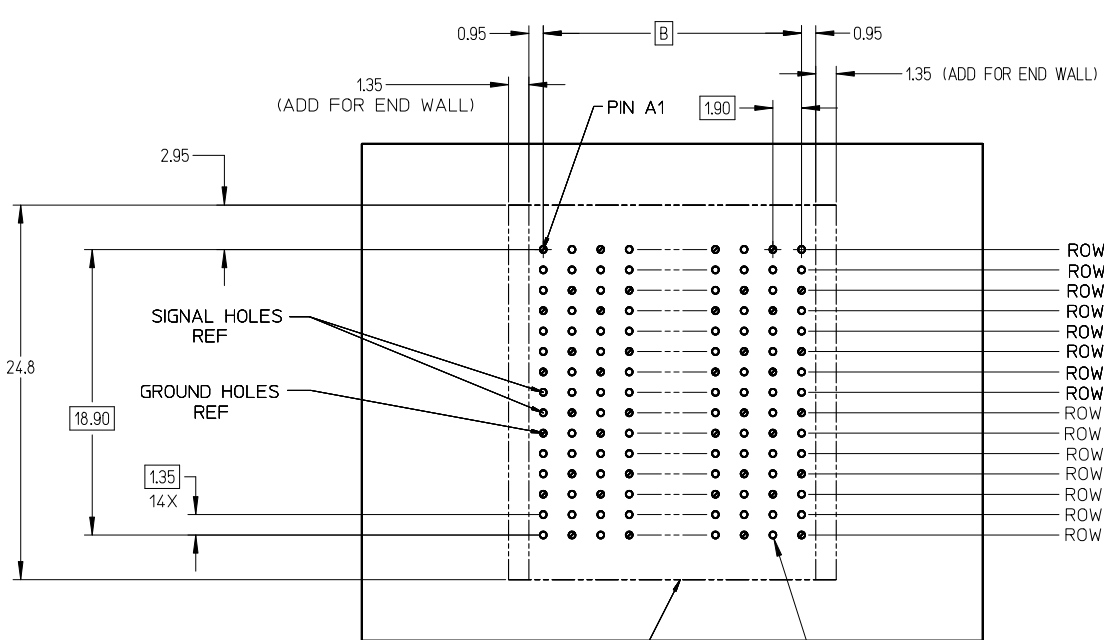
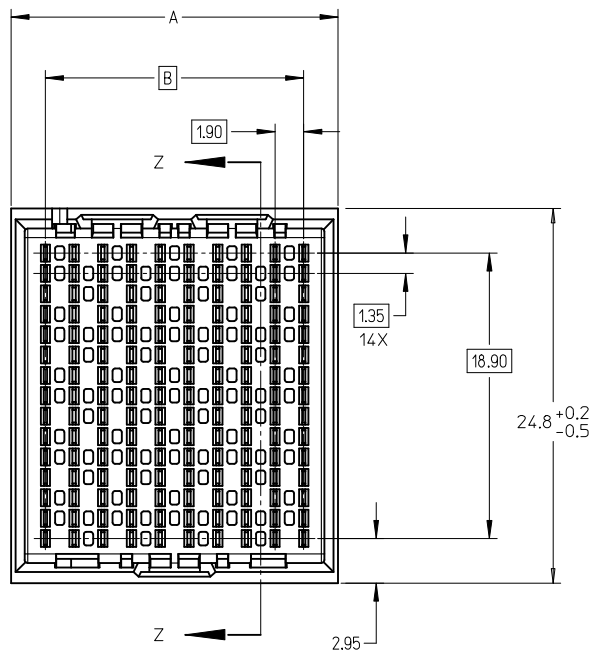
END WALL OPTIONS
0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL

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)

IMPACT 5 PAIR BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2012-3822 DRAWINGS 2012/05/22 CHKD: APRR:INELSON 2012/06/04	DESCRIPTION	QUALITY 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 BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING molex
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-171296-0001	SHEET NO. 3 OF 3			
REV	C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



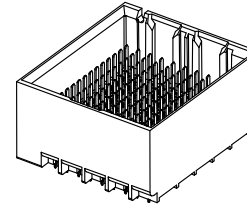
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10 MNCH MIN GOLD IN CONTACT AREA.
SELECTIVE MATTE TIN (LEAD-FREE) 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
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OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD FOR CONNECTORS STACKED
TOGETHER, USE THE 1.9mm PROGRESSION."

MINOR CHANGE EC NO: UCP2012-3822 2012/05/22 DRAWINGS CHKD: APPR:RNELSON 2012/06/04	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JB INGHAM	DATE 2011/11/21	TITLE IMPACT 5 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-171296-0001	SHEET NO. 1 OF 3		
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2011/11/21					
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2011/12/02					
			2 PLACES	± 0.13	± ---	MATERIAL NO.	SEE CHART					
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			0 PLACE	±	±							

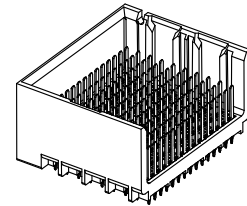
PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
171296-182*	8	40	17.9	13.30	
171296-112*	10	50	21.7	17.10	
171296-122*	12	60	25.5	20.90	
171296-172*	14	70	29.3	24.70	
171296-162*	16	80	33.1	28.50	



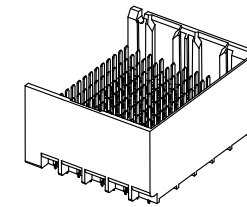
DUAL END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
171296-118*	8	40	16.5	13.30	
171296-111*	10	50	20.3	17.10	
171296-121*	12	60	24.1	20.90	
171296-171*	14	70	27.9	24.70	
171296-161*	16	80	31.7	28.50	



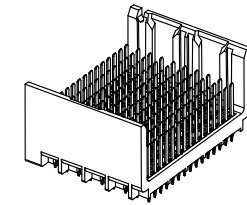
LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
171296-183*	8	40	16.5	13.30	
171296-113*	10	50	20.3	17.10	
171296-123*	12	60	24.1	20.90	
171296-173*	14	70	27.9	24.70	
171296-163*	16	80	31.7	28.50	



RIGHT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	OPEN WALL OPTION
171296-180*	8	40	15.1	13.30	
171296-110*	10	50	18.9	17.10	
171296-120*	12	60	22.7	20.90	
171296-170*	14	70	26.5	24.70	
171296-160*	16	80	30.3	28.50	



OPEN
WALL OPTION

SEE SHEET 1
EC NO: UCP2012-3822
DRAWN BY: 2012/05/22
CHKD: 2012/06/04
APPR: RNELSON

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.25 ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY: DATE
JB INGHAM 2011/11/21
CHECKED BY: DATE
JLAURX 2011/11/21
APPROVED BY: DATE
JLAURX 2011/12/02
MATERIAL NO.
SEE CHART

SCALE
2:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
IMPACT 5 PAIR BACKPLANE
UNGUIDED ASSEMBLY
SALES DRAWING
molex
DOCUMENT NO.
SD-171296-0001
SHEET NO.
2 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PART NUMBER LOGIC

171296-***

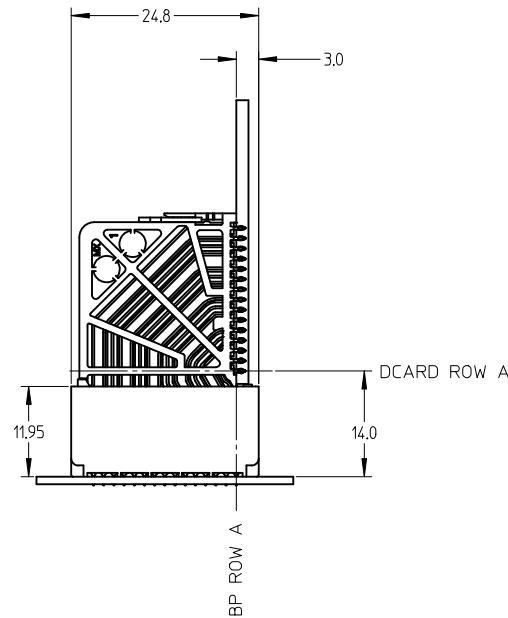
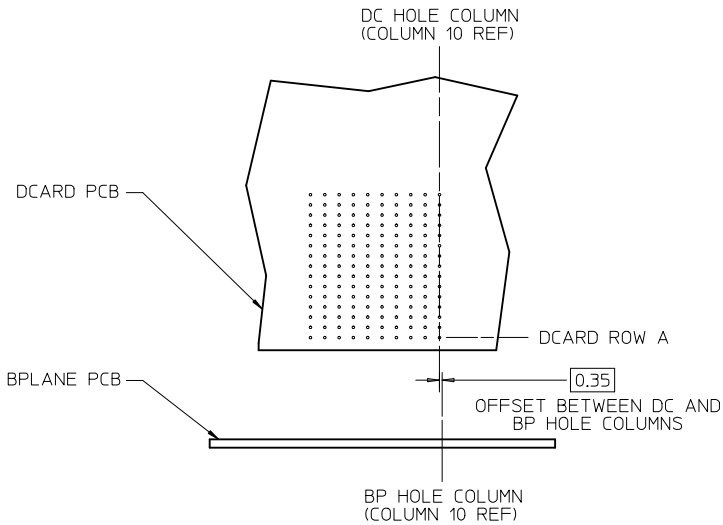
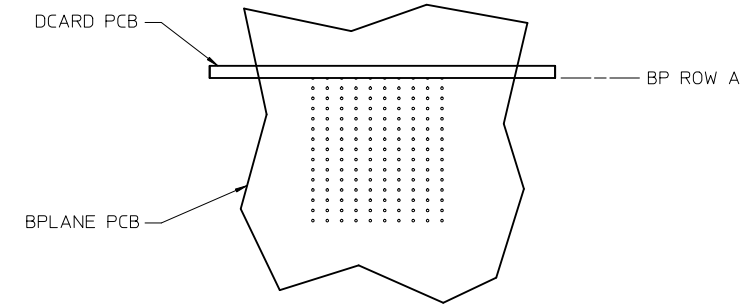
MODULE TYPE
1 = UNGUIDED,MATTE TIN

OF COLUMNS
1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL
8 = 8 COL

END WALL OPTIONS
0 = OPEN ENDS
1 = LEFT END WALL
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P=PIN LENGTH
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
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IMPACT 5 PAIR BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2012-3822 DRAWINGS 2012/05/22 CHKD: APRR:INELSON 2012/06/04	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR BACKPLANE UNGUIDED ASSEMBLY SALES DRAWING molex			
				 =0	4 PLACES	± ---	± ---	DRAWN BY JB INGHAM	DATE 2011/11/21			MATERIAL NO. SEE CHART	DOCUMENT NO. SD-171296-0001	SHEET NO. 3 OF 3
					3 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2011/11/21					
					2 PLACES	± 0.13	± ---	APPROVED BY JLAURX	DATE 2011/12/02					
					1 PLACE	± 0.25	± ---							
					0 PLACE	±	± ---							
				 =0	ANGULAR ±1/2°									
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									