

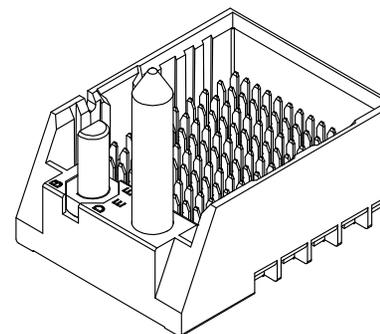
- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  2. FINISH: 5 MICROINCH MINIMUM GOLD FLASH OVER 20 MICROINCH MINIMUM Pd-Ni IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
  3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
  4. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
  5. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
  6. \*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 THE PC BOARD FOR CONNECTORS STACKED TOGETHER, USE A 1.9mm PROGRESSION.\*
  7. THIS PART CONFORMS TO MOLEX COSMETIC SPEC PS-45499-002 CLASS B.
  8. PARTS PACKAGED PER PK-70873-757.
  9. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
  10. FOR GROUNDED GUIDE PINS USE  $\phi$ . 3.56 +/-0.08 (PTH),  $\phi$ . 3.66 (DRILL) &  $\phi$  6.5 (PAD).
  11. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
  12. MINIMUM CIRCUIT BOARD THICKNESS: 1.0mm

Pd-Ni  
PLATING

INITIAL RELEASE EC NO: UCP2016-2332 DRWNSVANG01 CHKD:MWOLFE APPR:SMILLER	DESCRIPTION 2015/12/08 2015/12/08 2015/12/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0	mm	INCH	MM ONLY	4:1	METRIC		
		▽=0	4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE		
		▽=0	3 PLACES ± ---	± ---	CHECKED BY	DATE	IMPACT 4-PAIR 85-OHM LEFT GUIDED BP PDNI SALES ASSEMBLY DRAWING		
		2 PLACES ± 0.13	± ---	APPROVED BY	DATE	<b>molex</b> DOCUMENT NO. RSD-173429-002 SHEET NO. 1 OF 3			
		1 PLACE ± 0.25	± ---	SMILLER	2015/12/17				
		0 PLACE ± ---	± ---	MATERIAL NO. SEE CHART					
			ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

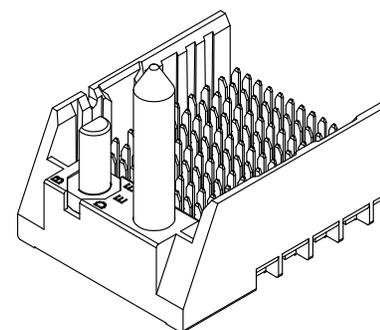
# PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
173429-73**	6	24	19.3	9.50	
173429-78**	8	32	23.1	13.30	
173429-71**	10	40	26.9	17.10	
173429-72**	12	48	30.7	20.90	
173429-74**	14	56	34.5	24.70	
173429-76**	16	64	38.3	28.50	



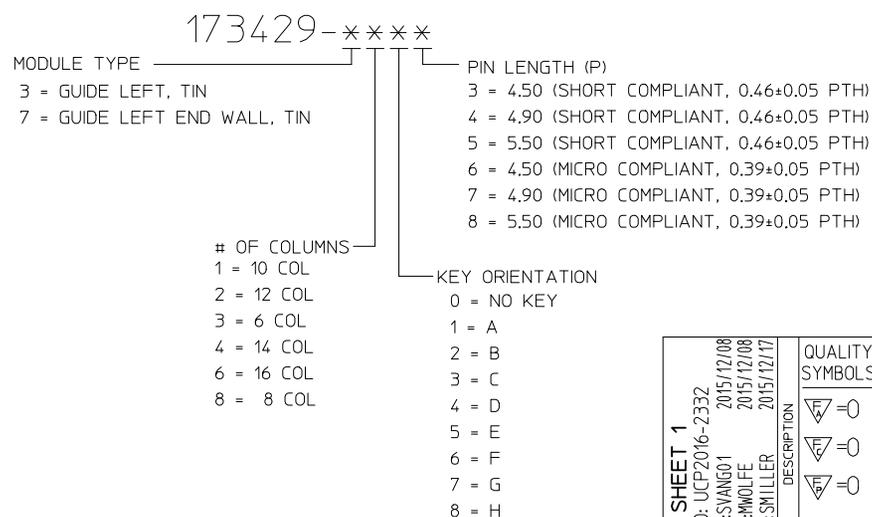
GUIDE LEFT  
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
173429-33**	6	24	17.9	9.50	
173429-38**	8	32	21.7	13.30	
173429-31**	10	40	25.5	17.10	
173429-32**	12	48	29.3	20.90	
173429-34**	14	56	33.1	24.70	
173429-36**	16	64	36.9	28.50	

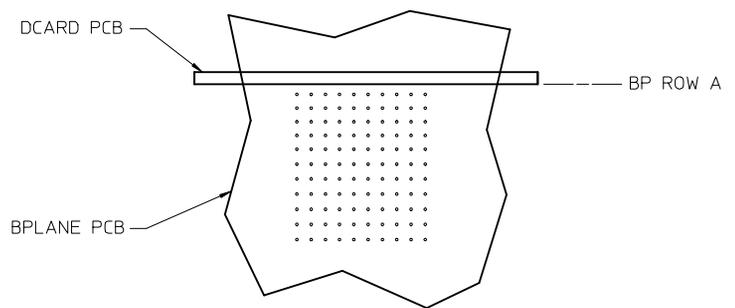


GUIDE LEFT  
OPEN WALL OPTION

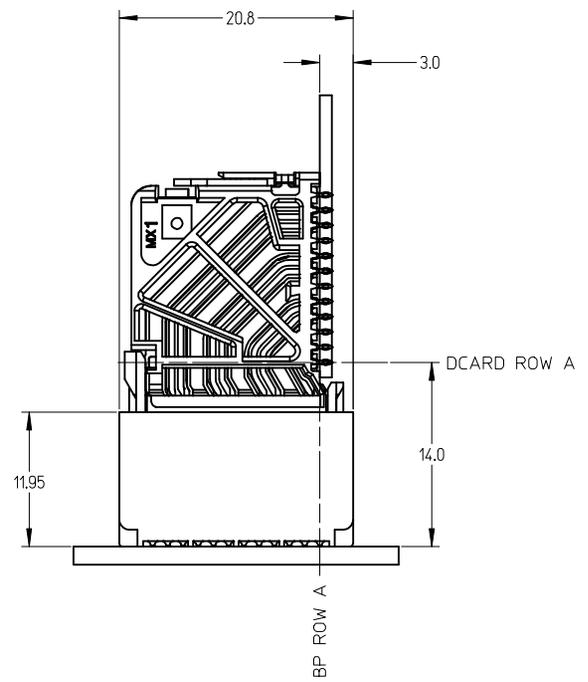
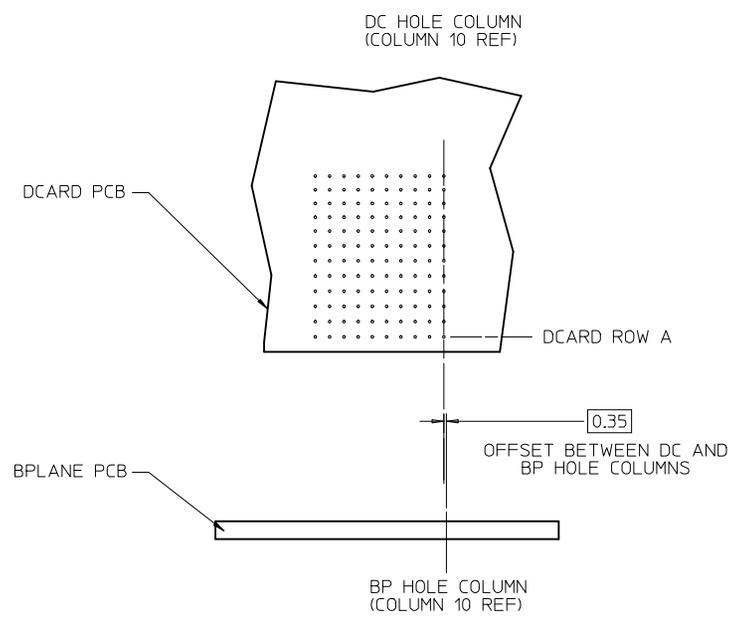
# PART NUMBER LOGIC



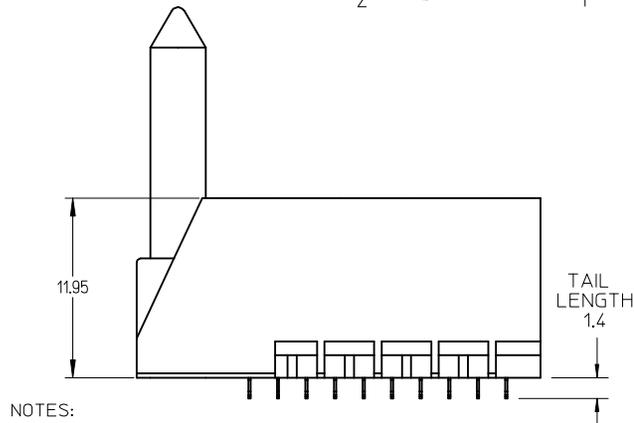
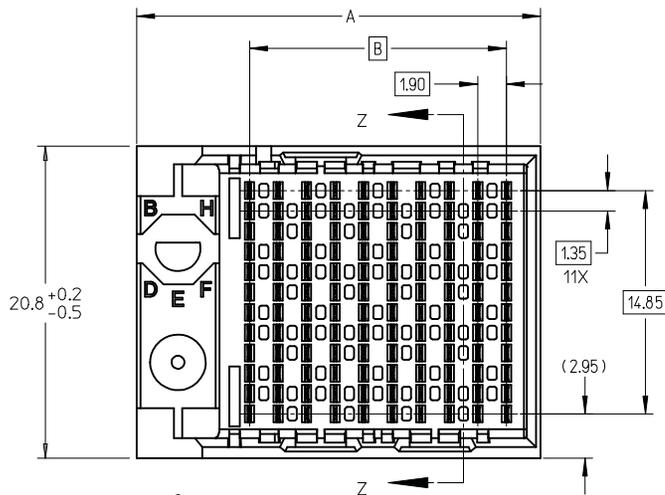
SEE SHEET 1 EC NO: UCP2016-2332 DRWNSVANG01 2015/12/08 CHKD:MWOLFE 2015/12/08 APPR:SMILLER 2015/12/17	DESCRIPTION REV A	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY SVANG01	DATE 2015/12/08	TITLE <b>IMPACT 4-PAIR 85-OHM LEFT GUIDED BP PDNI SALES ASSEMBLY DRAWING</b>			
			2 PLACES ±0.13 ± ---	1 PLACE ±0.25 ± ---	CHECKED BY MWOLFE	DATE 2015/12/08				
			0 PLACE ± --- ± ---	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE CHART</b>	DATE 2015/12/17	DOCUMENT NO. RSD-173429-002	SHEET NO. 2 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



IMPACT 4 PAIR  
BOARD RELATIONSHIPS

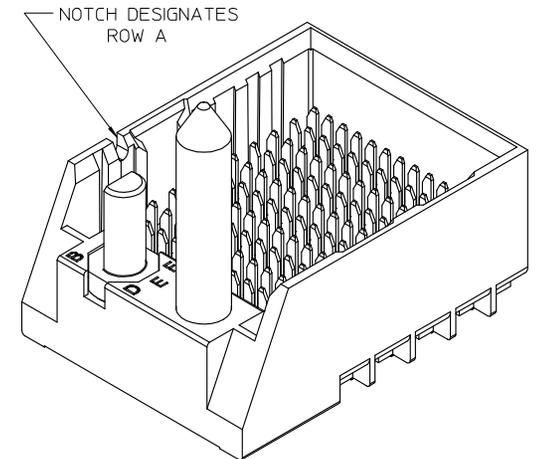
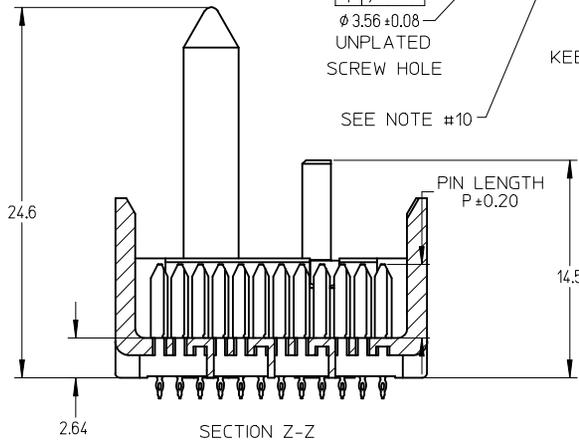
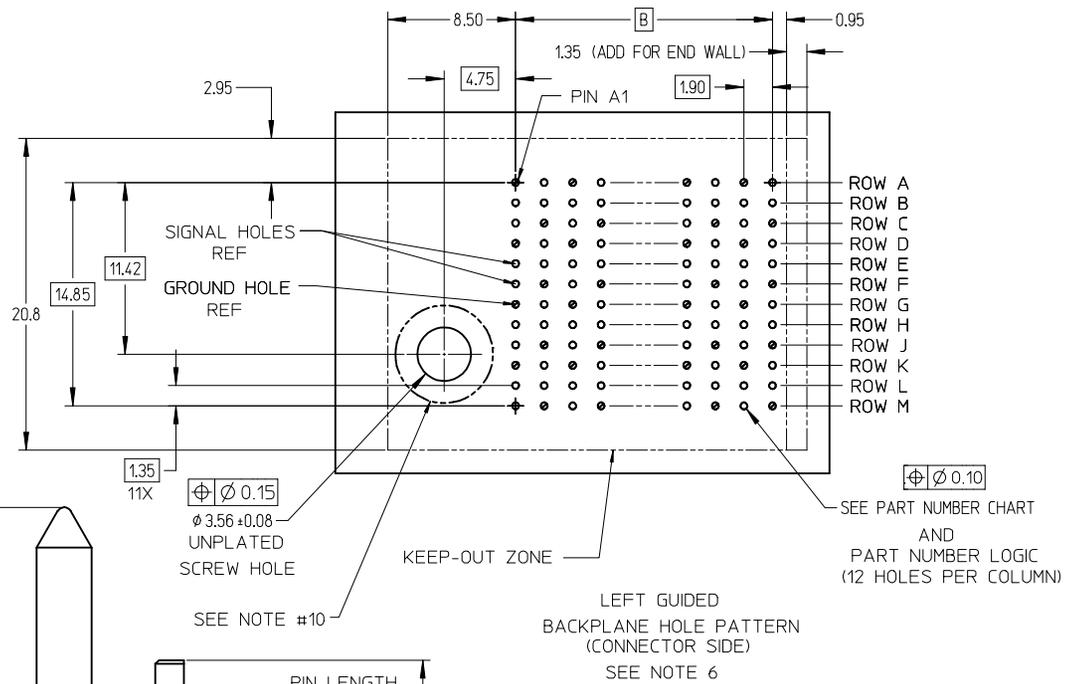


SEE SHEET 1 EC NO: UCP2016-2332 DRWNSVANG01 2015/12/08 CHKD:MWOLFE 2015/12/08 APPR:SMILLER 2015/12/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE SVANG01 2015/12/08	TITLE IMPACT 4-PAIR 85-OHM LEFT GUIDED BP PDNI SALES ASSEMBLY DRAWING		
	▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	CHECKED BY DATE MWOLFE 2015/12/08	molex		
	▽=0	ANGULAR ±1/2°	APPROVED BY DATE SMILLER 2015/12/17			
REV A	DESCRIPTION	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		



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ INCH MIN GOLD IN CONTACT AREA.  
SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999  
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
5. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
6. \*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 THE PC BOARD FOR CONNECTORS  
STACKED TOGETHER, USE A 1.9mm PROGRESSION.\*
7. THIS PART CONFORMS TO MOLEX COSMETIC SPEC PS-45499-002 CLASS B.
8. PARTS PACKAGED PER PK-70873-757.
9. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
10. FOR GROUNDED GUIDE PINS USE  $\phi$ . 3.56 +/-0.08 (PTH),  $\phi$ . 3.66 (DRILL) &  $\phi$  6.5 (PAD).
11. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM  
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
12. MINIMUM CIRCUIT BOARD THICKNESS: 1.0mm

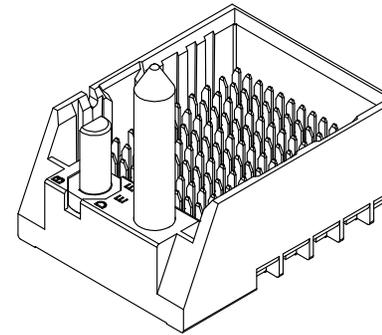


<b>ADD 6-COL PARTS</b> EC NO: UCP2013-1920 DRWN: BINGHAM 2012/11/13 CHKD: JLAURX 2012/11/13 APPR: JLAURX 2012/11/16	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	4:1	METRIC		
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY DATE	TITLE	<b>IMPACT 4-PAIR 85-OHM LEFT GUIDED BACKPLANE SALES ASSEMBLY DRAWING</b>  <b>molex</b> DOCUMENT NO. SD-170335-0002 SHEET NO. 1 OF 3		
		3 PLACES ± --- ± ---		JB INGHAM 2010/05/14				
2 PLACES ± 0.13 ± ---		CHECKED BY DATE						
1 PLACE ± 0.25 ± ---		JLAURX 2010/05/14						
0 PLACE ± --- ± ---		APPROVED BY DATE						
		JLAURX 2012/11/16						
		ANGULAR ±1/2°		MATERIAL NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART				
				SIZE C				

# PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"
170335-73**	6	24	19.3	9.50
170335-78**	8	32	23.1	13.30
170335-71**	10	40	26.9	17.10
170335-72**	12	48	30.7	20.90
170335-74**	14	56	34.5	24.70
170335-76**	16	64	38.3	28.50

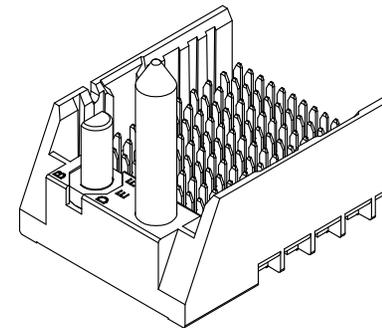
GUIDE LEFT  
END WALL  
OPTION



GUIDE LEFT  
END WALL  
OPTION

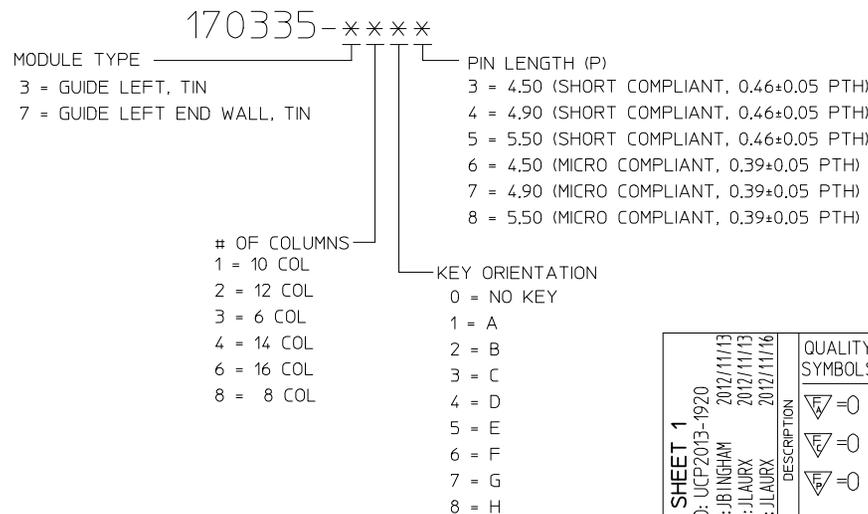
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"
170335-33**	6	24	17.9	9.50
170335-38**	8	32	21.7	13.30
170335-31**	10	40	25.5	17.10
170335-32**	12	48	29.3	20.90
170335-34**	14	56	33.1	24.70
170335-36**	16	64	36.9	28.50

GUIDE LEFT  
END WALL  
OPTION

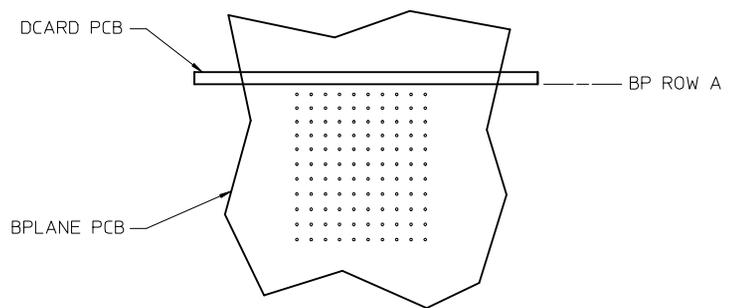


GUIDE LEFT  
OPEN WALL  
OPTION

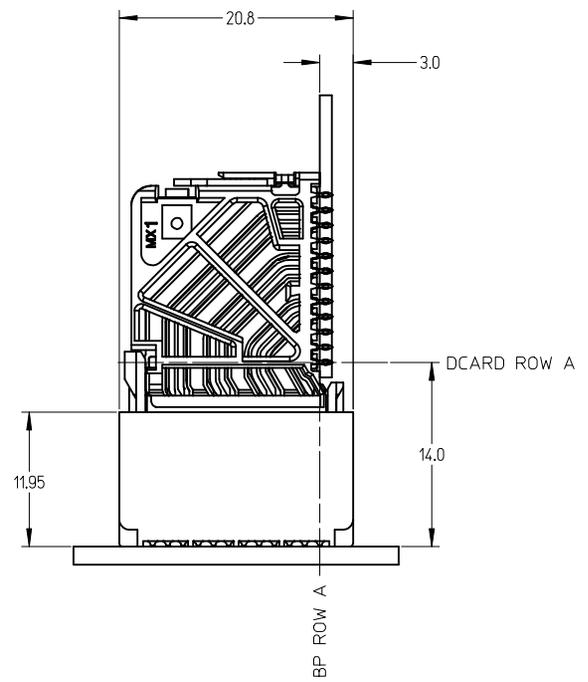
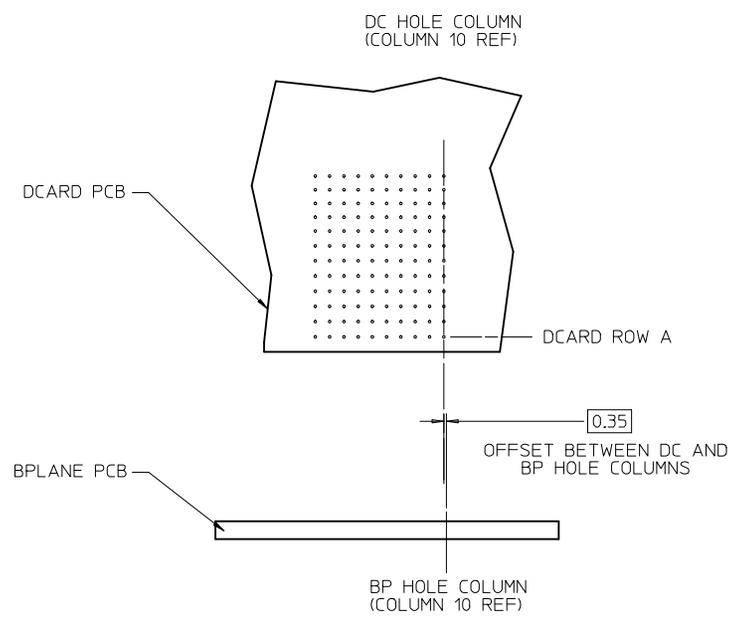
# PART NUMBER LOGIC



SEE SHEET 1 EC NO: UCP2013-1920 DRWN: JBINGHAM 2012/11/13 CHKD: JLAURX 2012/11/13 APPR: JLAURX 2012/11/16	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	1:1	METRIC		
				DRAWN BY	DATE	TITLE		
				CHECKED BY	DATE	IMPACT 4-PAIR 85-OHM LEFT GUIDED BACKPLANE SALES ASSEMBLY DRAWING		
		APPROVED BY		DATE	molex			
		MATERIAL NO.		DATE	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-170335-0002	2 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



IMPACT 4 PAIR  
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-1920 DRWN: JBINGHAM 2012/11/13 CHKD: JLAURX 2012/11/13 APPR: JLAURX 2012/11/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE JBINGHAM 2010/05/14	TITLE IMPACT 4-PAIR 85-OHM LEFT GUIDED BACKPLANE SALES ASSEMBLY DRAWING		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE JLAURX 2010/05/14	molex DOCUMENT NO. SD-170335-0002 SHEET NO. 3 OF 3		
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE JLAURX 2012/11/16			
	▽=0	2 PLACES ± 0.13 ± ---	ANGULAR ±1/2°			
▽=0	1 PLACE ± 0.25 ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
▽=0	0 PLACE ± --- ± ---	MATERIAL NO. SEE CHART SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				