

Excellent Integrated System Limited

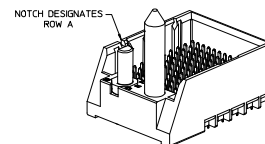
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0761552808](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

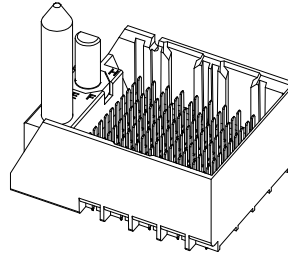
Pd-Ni
PLATING

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 5 MICRONCH MINIMUM GOLD FLASH OVER 20 MICRONCH MINIMUM
FLASH 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. PACKAGE PER: PK-70873-757.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA. .356 +/- .008 (PTH)
DIA. .366 (DRILL) DIA. .65 (PAD).
 8. MATES WITH IMPACT DC SERIES NO. 76160.
 9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 10MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
 10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-999 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
* THESE DIMENSIONS REPRESENT THE AREA NEEDED TO
ACCOMMODATE CONNECTOR INSERTION AND REPAIR
ON THE PC BOARD. THE REFERENCE TO THE CONNECTOR KEEP OUT ZONE* AND DOES NOT
REPRESENT THE ACTUAL PAPER MEASURE OF THE CONNECTOR, WHEN LAYING OUT THE PC BOARD FOR CONNECTORS
STACKED TOGETHER, USE A 1/8mm PROGRESSION.*

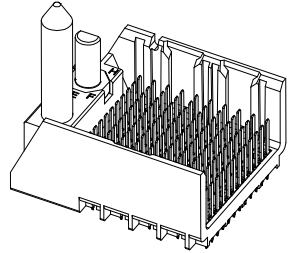
[illegible]

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
173428-#3**	6	24	19.3	9.50	
173428-#8**	8	32	23.1	13.30	
173428-#1**	10	40	26.9	17.10	
173428-#6**	16	64	38.3	28.50	

GUIDE LEFT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT OPEN WALL OPTION
173428-#3**	6	24	17.9	9.50	
173428-#8**	8	32	21.7	13.30	
173428-#1**	10	40	25.5	17.10	
173428-#6**	16	64	36.9	28.50	

GUIDE LEFT
OPEN WALL
OPTION

PART NUMBER LOGIC

173428-****

MODULE TYPE

3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

PIN LENGTH (P)

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)

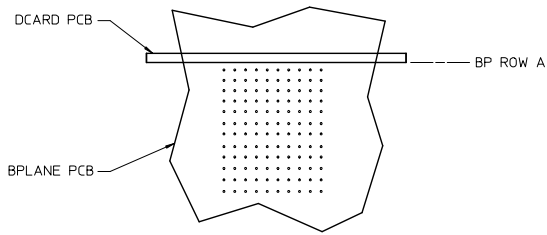
OF COLUMNS

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

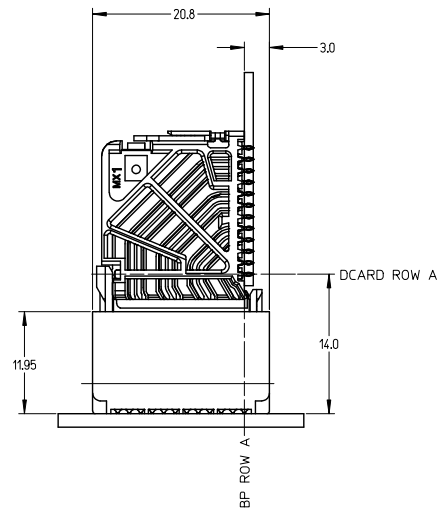
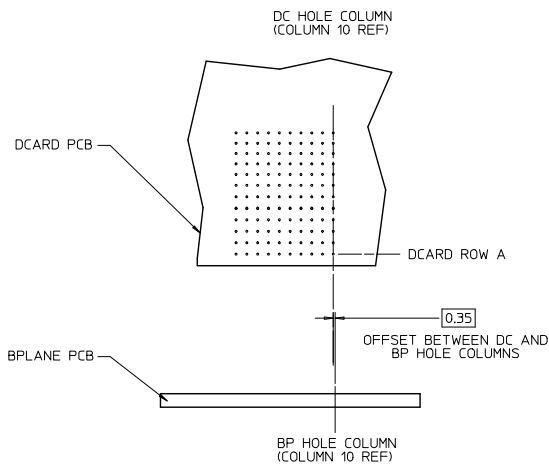
KEY ORIENTATION

0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

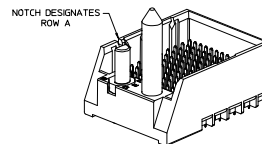
SEE SHEET 1 EC NO: UCP2016-2332 DRAWN BY: SVANG01 CHKD BY: MWOLFE APPR: SMILLER DATE: 2015/12/08 2015/12/08 2015/12/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			mm		INCH		DRAWN BY	DATE	TITLE					
			4 PLACES		±	---	SVANG01	2015/12/08	IMPACT 4 PAIR HEADER					
			3 PLACES		±	---	CHECKED BY	DATE	LEFT GUIDED PDNI					
			2 PLACES		±	---	MWOLFE	2015/12/08	ASSEMBLY SALES DRAWING					
			1 PLACE		±	0.25	APPROVED BY	DATE	molex					
			0 PLACE		±	---	SMILLER	2015/12/17						
			ANGULAR ±1/2°				MATERIAL NO.	DOCUMENT NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE					RSD-173428-002		SHEET NO. 2 OF 3
							SIZE C	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 A DRAWN BY: SVANG01 CHKD BY: MWOLFE APPR: SMILLER DATE: 2015/12/08 DATE: 2015/12/08 DATE: 2015/12/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	DOCUMENT NO. RSD-173428-002	SHEET NO. 3 OF 3			
					MM ONLY										
					DRAWN BY SVANG01								DATE 2015/12/08		
					CHECKED BY MWOLFE								DATE 2015/12/08		
					APPROVED BY SMILLER								DATE 2015/12/17		
					MATERIAL NO.										
					SIZE										
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SEE TABLE		
													THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

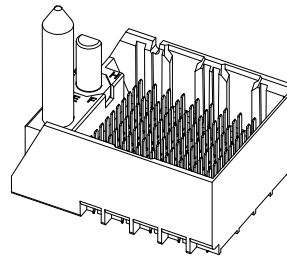


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCPI)
GLASS-FILLED, UL94V-0
 2. FINISH:
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
304 W/IN GOLD IN CONTACT AREA,
SELECTIVE TIN ON PCB TAILS,
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76660-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
 5. PACKAGE PER: PK-70873-757.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 ± 0.08 (PTH)
DIA. 3.66 (DRILL) AND DIA. 6.5 (PAD).
 8. MATES WITH IMPACT DC SERIES NO. 76660.
 9. KEEP OUT ZONE FOR PLACEMENT LENGTH INCLUDES AN ADDITIONAL $10.0MM$
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
 10. REFER TO MOLEX PCB ROUTING GUIDE AS-76660-999 FOR ANTI PAD AND ROUTING RECOMMENDATIONS.
 11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 12. 'THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CARRIER INSERTION AND REPAIR
ON THE PCB BOARD. THIS DIMENSION IS NOT INTENDED TO AS THE CONNECTOR KEEP OUT ZONE' AND DOES NOT
REPRESENT THE ACTUAL DIMENSION OF THE CONNECTOR. WHEN LAYING OUT THE PCB BOARD FOR CONNECTORS
STACKED TOGETHER, USE A '1/8" PROGRESSION.'

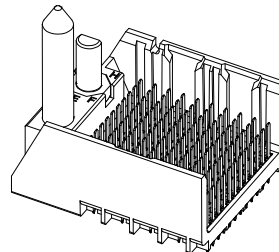
[illegible]

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT END WALL OPTION
76155-*3**	6	24	19.3	9.50	
76155-*8**	8	32	23.1	13.30	
76155-*1**	10	40	26.9	17.10	
76155-*6**	16	64	38.3	28.50	

GUIDE LEFT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
76155-*3**	6	24	17.9	9.50	
76155-*8**	8	32	21.7	13.30	
76155-*1**	10	40	25.5	17.10	
76155-*6**	16	64	36.9	28.50	

GUIDE LEFT
OPEN WALL
OPTION

PART NUMBER LOGIC

76155-***

MODULE TYPE

3 = GUIDE LEFT, TIN
7 = GUIDE LEFT END WALL, TIN

OF COLUMNS

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

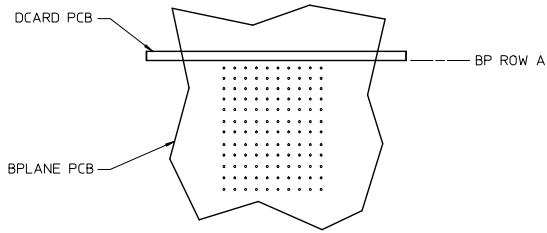
PIN LENGTH (P)

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)

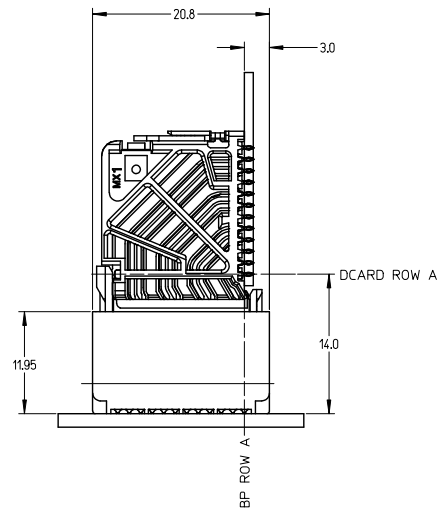
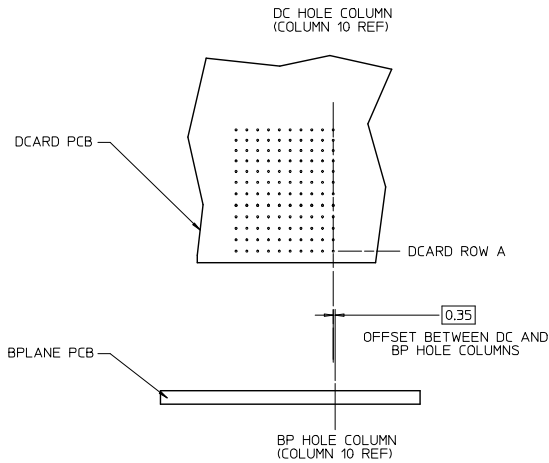
KEY ORIENTATION

0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

SEE SHEET 1 EC NO: UCP2013-2078 DRAWN BY: IBARRA CHKD: BINGHAM APPROV: MILLER 2012/11/26 2012/12/18 2012/12/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
			mm INCH		MM ONLY		3:1	METRIC	
			4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		
			3 PLACES ± --- ± ---		MSANDBERG 2007/19/07				
			2 PLACES ± 0.13 ± ---		CHECKED BY DATE				
1 PLACE ± 0.25 ± ---		JLAURX 2007/19/07							
0 PLACE ± ±		APPROVED BY DATE		IMPACT 4 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING					
		JLAURX 2010/11/15							
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SD-76155-002			
DRAFT WHERE APPLICABLE		SEE TABLE							
MUS. REMAIN WITHIN DIMENSIONS		SIZE		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: UCP2013-2078 2012/11/26 DRAWN BY: BARBARA 2012/12/18 CHKD: BINGHAM 2012/12/31 APPR: MILLER	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
					MM ONLY		2:1	METRIC	
					DRAWN BY	DATE	TITLE		
			4 PLACES ±		MSANDBERG	2007/19/07	IMPACT 4 PAIR HEADER		
			3 PLACES ±		CHECKED BY	DATE	LEFT GUIDED ASSEMBLY		
			2 PLACES ±		JLAURX	2007/19/07	SALES DRAWING		
			1 PLACE ±		APPROVED BY	DATE	molex		
			0 PLACE ±		JLAURX	2010/11/15			
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE		SEE TABLE		SD-76155-002		

REV	DESCRIPTION	MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	