

Excellent Integrated System Limited

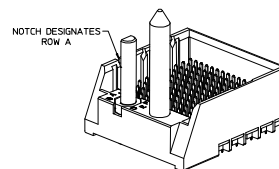
Stocking Distributor

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

[Molex Connector Corporation](#)
[0760552103](#)

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 MICRON NICKEL GOLD FLASH OVER 20 MICRON MINIMUM
PLAIN IN CONTACT AREA. SELECTIVE TIN ON PCB TAILS. NICKEL OVERALL.
 3. REFER TO MOLEX MINIMUM 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-70873-759.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA. .356 +/-0.08 (PTH)
DIA. .366 (DRILL) AND DIA. .65 (PAD).
 8. MATES WITH IMPACT DC SERIES NO. 76060.
 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 ANTI PAD AND ROUTING RECOMMENDATIONS.
 11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 12. THESE DIMENSIONS REPRESENT THE AREA AROUND AND ACCOMMODATE CONNECTOR INSERTION
AND REMOVAL. THE DIMENSION 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 STACK TOGETHER, USE A 1.9mm PROGRESSION.

[illegible]

PART NUMBER LOGIC

173430-****

MODULE TYPE

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

OF COLUMNS

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

KEY ORIENTATION

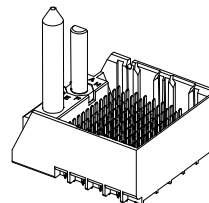
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

PIN LENGTH (P)

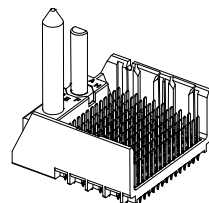
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

PART NUMBER TABLE

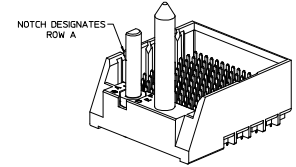
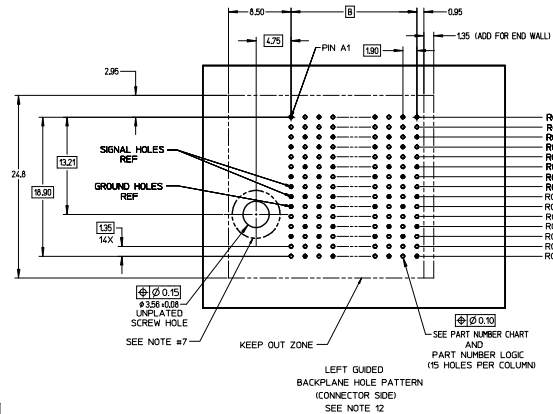
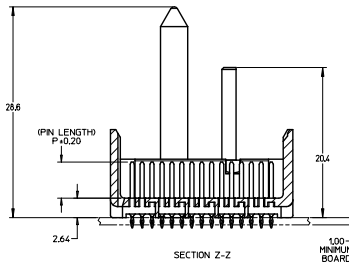
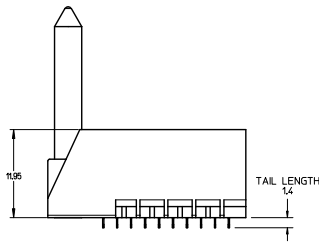
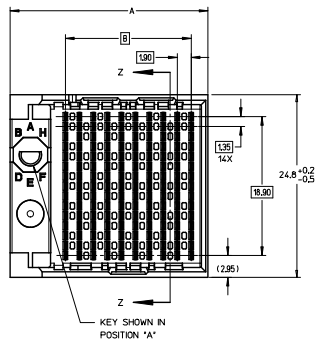
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT END WALL OPTION
173430-#1**	10	50	26.9	17.10	
173430-#2**	12	60	30.7	20.90	
173430-#7**	14	70	34.5	24.70	
173430-#6**	16	80	38.3	28.50	

GUIDE LEFT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
173430-#1**	10	50	25.5	17.10	
173430-#2**	12	60	29.3	20.90	
173430-#7**	14	70	33.1	24.70	
173430-#6**	16	80	36.9	28.50	

GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCP2016-2332 2015/12/09 DRW:SVANG01 CHK:MWOLFE APPR:SMILLER 2015/12/17 A	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex		
		4 PLACES	±---	±---	DRAWN BY	DATE					
		3 PLACES	±---	±---	SVANG01	2015/12/09					
		2 PLACES	±---	±---	CHECKED BY	DATE					
		1 PLACE	±0.13	±---	MMOLFE	2015/12/09					
		0 PLACE	±0.25	±---	APPROVED BY	DATE					
			±	±	SMILLER	2015/12/17					
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		RSD-173430-002					
				SIZE		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
 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. PACKAGE PER: PK-70873-759.
 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. 76060.
 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-76060-990 FOR ANTIPIAD AND ROUTING RECOMMENDATIONS.
 11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 12. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION
AND REPAIR ON THE PCB 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 PCB BOARD FOR CONNECTORS STACK TOGETHER, USE A 19mm PROGRESSION.

CONVERT TO LEAD-FREE EC NO. UEP2003-2078 DRAWN BY: MSANDBERG CHECKED BY: CHOKIBINGAN APPROVED BY: APPRINTILLES DATE: 2021/11/26 DATE: 2021/12/16 DATE: 2021/12/16	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				INCH		DRAWN BY MSANDBERG DATE 05/24/2007			
		4 PLACES ±.005		mm		IMPACT 5 PAIR HEADER LEAD GUIDED ASSEMBLY SALES DRAWING			
		3 PLACES ±.005		mm		molex			
		2 PLACES ±.013		mm		MATERIAL NO.			
		1 PLACE ±.025		mm		DOCUMENT NO. SD-76055-002			
		0 PLACE ±.050		mm		SHEET NO. 1 OF 3			
		ANGULAR ±1/2°				SEE TABLE			
		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			

PART NUMBER LOGIC

76055-****

MODULE TYPE

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

OF COLUMNS

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

KEY ORIENTATION

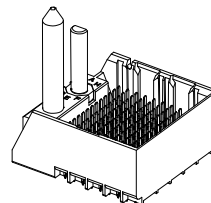
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

PIN LENGTH (P)

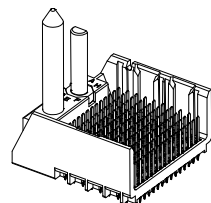
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT END WALL OPTION
76055-#1**	10	50	26.9	17.10	
76055-#2**	12	60	30.7	20.90	
76055-#7**	14	70	34.5	24.70	
76055-#6**	16	80	38.3	28.50	

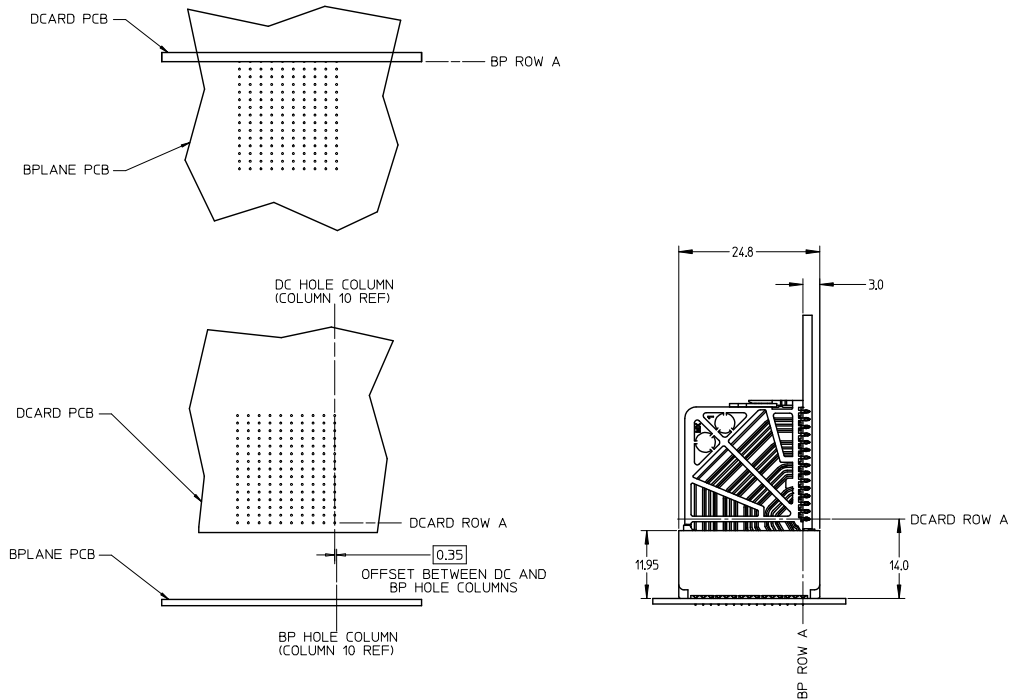
GUIDE LEFT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
76055-#1**	10	50	25.5	17.10	
76055-#2**	12	60	29.3	20.90	
76055-#7**	14	70	33.1	24.70	
76055-#6**	16	80	36.9	28.50	

GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCP2013-2078 DRAWN: IBARRA 2012/11/26 CHKD: B INGRAM 2012/12/18 APPR: SMILLER 2012/12/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76055-002	SHEET NO. 2 OF 3
			MM ONLY		2:1	METRIC				
			mm	INCH	DRAWN BY DATE MSANDBERG 05/24/2007					
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY DATE JLAURX 05/24/2007					
			2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	APPROVED BY DATE JLAURX 2010/10/15					
			0 PLACE ± ±	ANGULAR ± 1/2°						
			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					

IMPACT 5 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 2012/11/26 DRAWN BY: BARA 2012/12/18 CHKD: B. INGHAM 2012/12/31 APPR: MILLER	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76055-002	SHEET NO. 3 OF 3
			MM ONLY							
			DRAWN BY DATE MSANDBERG 05/24/2007							
			CHECKED BY DATE JLAURX 05/24/2007							
			APPROVED BY DATE JLAURX 2010/10/15							
REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 5 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76055-002	SHEET NO. 3 OF 3
			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										
SEE TABLE										
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