

Excellent Integrated System Limited

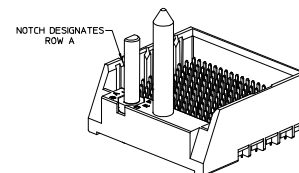
Stocking Distributor

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

[Molex Connector Corporation](#)
[0761456603](#)

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 MINIMUM GOLD PLATE OVER 20 MICRON MINIMUM
Pb-N IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-74060-999
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-70873-760
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA .356 +.008 (PTH)
DIA .366 (DRILL) AND DIA .65 (PAD).
 8. MATES WITH IMPACT DC SERIES NO. 76750.
 9. KEEPS OUT ZONE FOR BP HOUSING LENGTH AN ADDITIONAL 10MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
 10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD 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
REMOVAL. THE PCB DIMENSIONS ARE THE MINIMUM DIMENSIONS THE CONNECTOR KEEP OUT ZONE
DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR, WHEN LAYING OUT A PCB BOARD
FOR CONNECTORS STACKED TOGETHER, USE A 19mm PROGRESSION."

[illegible]

PART NUMBER LOGIC

173432-***

MODULE TYPE

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

OF COLUMNS

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

PIN LENGTH (P)

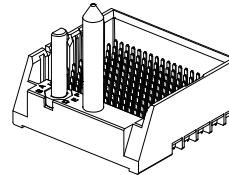
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

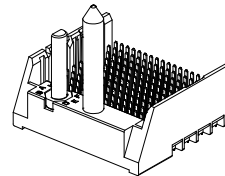
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
173432-#1**	10	60	26.9	17.10	
173432-#7**	14	84	34.5	24.70	
173432-#6**	16	96	38.3	28.50	

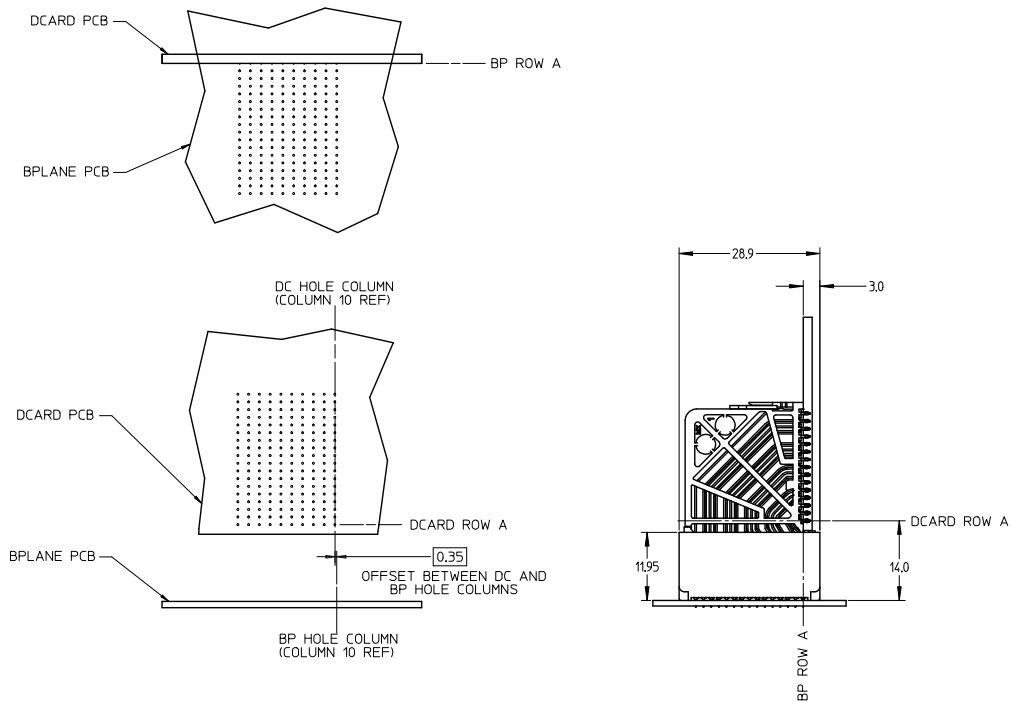
GUIDE LEFT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT OPEN WALL OPTION
173432-#1**	10	60	25.5	17.10	
173432-#7**	14	84	33.1	24.70	
173432-#6**	16	96	36.9	28.50	

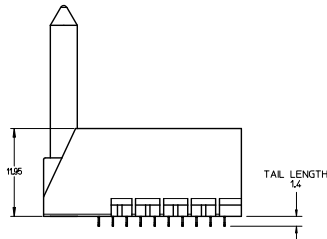
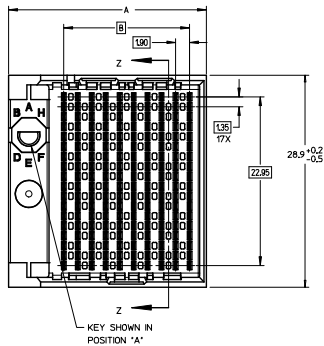
GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCF2016-2332 2015/12/09 DRAWN BY: SVANG01 2015/12/09 CHECKED BY: MWOLFE 2015/12/17 APPROVED BY: SMILLER 2015/12/17	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 ± ±	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 6 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	MATERIAL NO. DOCUMENT NO. RSD-173432-002	SHEET NO. 2 OF 3	
	DESCRIPTION A	VIEW	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

IMPACT 6 PAIR
BOARD RELATIONSHIPS

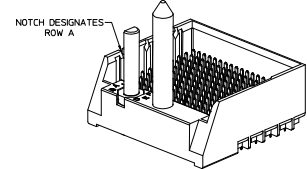
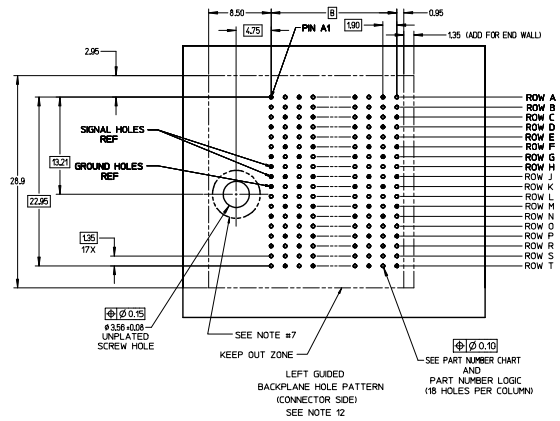
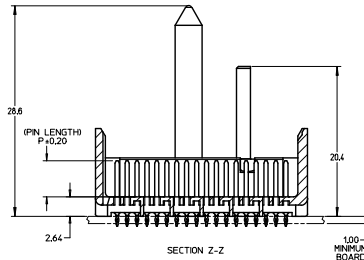


SEE SHEET 1 EC NO: UCP2016-2332 DRAWN BY: SVANG01 CHKD BY: MWOLFE APPR: SMILLER DATE: 2015/12/09 DATE: 2015/12/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE	
			MM ONLY						
	▽=0	mm	INCH	DRAWN BY	DATE	IMPACT 6 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	DOCUMENT NO. RSD-173432-002	SHEET NO. 3 OF 3	
	▽=0	4 PLACES	±	---	SVANG01				2015/12/09
	▽=0	3 PLACES	±	---	CHECKED BY				DATE
		2 PLACES	±	0.13	MWOLFE				2015/12/09
		1 PLACE	±	0.25	APPROVED BY				DATE
		0 PLACE	±	---	SMILLER	2015/12/17			
		ANGULAR ±1/2°		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
REV			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
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
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 PERL PK-70873-760.
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. 76150.
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 ANTI PAD 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 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 A 1.9mm PROGRESSION.



QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		4:1		METRIC			
REVISED (MM)		DRAWN BY		DATE		TITLE					
EC NO. UEP2014-0887		MSANDBERG		2007/12/26		IMPACT 6 PAIR HEADER					
DRAWN BY INGHM		CHECKED BY		DATE		LEFT GUIDED ASSEMBLY					
CHECKED BY		JLAURX		2007/12/26		SALES DRAWING					
APPROVED BY		DATE									
JLAURX		2010/02/22									
		ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
				SEE TABLE		SD-76145-002				1 OF 3	
		DRAFT WHERE APPLICABLE		50% INCORPORATED		CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX					
		WITHIN DIMENSIONS		AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PART NUMBER LOGIC

76145-****

MODULE TYPE

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

OF COLUMNS

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

PIN LENGTH (P)

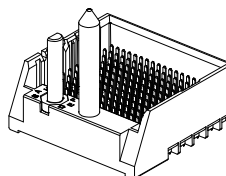
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

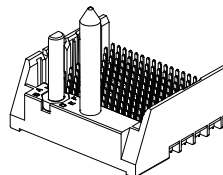
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT END WALL OPTION
76145-#1**	10	60	26.9	17.10	
76145-#7**	14	84	34.5	24.70	
76145-#6**	16	96	38.3	28.50	

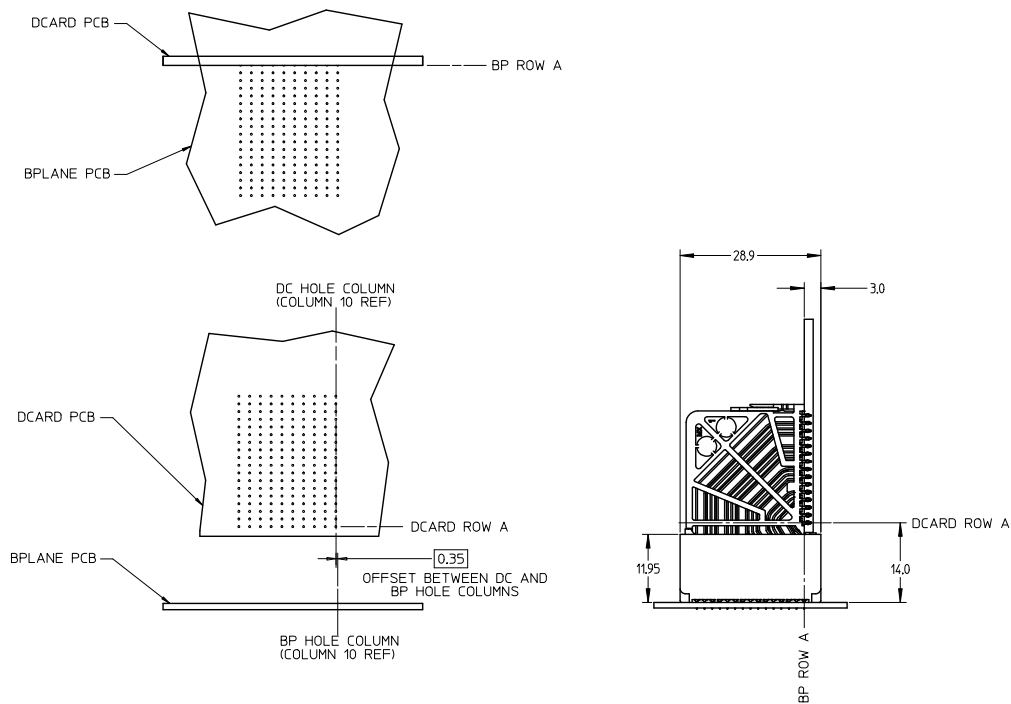
GUIDE LEFT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE LEFT OPEN WALL OPTION
76145-#1**	10	60	25.5	17.10	
76145-#7**	14	84	33.1	24.70	
76145-#6**	16	96	36.9	28.50	

GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCP2014-0887 DRAWN BY: BINGHAM 2013/08/25 CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25 G1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	IMPACT 6 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex SD-76145-002	SHEET NO. 2 OF 3	
				MM ONLY		2:1	METRIC				
				DRAWN BY	DATE	TITLE					
		4 PLACES ± --- ± ---		MSANDBERG	2007/12/26	CHECKED BY					
		3 PLACES ± --- ± ---		JLAURX		2007/12/26		APPROVED BY			
		2 PLACES ± 0.13 ± ---		JLAURX		2010/02/22		MATERIAL NO.			
		1 PLACE ± 0.25 ± ---		JLAURX		DOCUMENT NO.		SD-76145-002			
		0 PLACE ± ±		JLAURX		DOCUMENT NO.		SD-76145-002			
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SD-76145-002			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76145-002		2 OF 3			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

IMPACT 6 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2014-0887 DRAWN: BINGHAM 2013/08/25 CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25 G1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0			MM ONLY		TITLE	METRIC		
	▽=0			DRAWN BY DATE		IMPACT 6 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex SD-76145-002			
	▽=0			MSANDBERG 2007/12/26					
	▽=0			CHECKED BY DATE					
				JLAURX 2007/12/26					
				APPROVED BY DATE					
				JLAURX 2010/02/22		DOCUMENT NO.			
				MATERIAL NO.		SEE TABLE			
				ANGULAR ±1/2°		SD-76145-002			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		3 OF 3				
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			