

Excellent Integrated System Limited

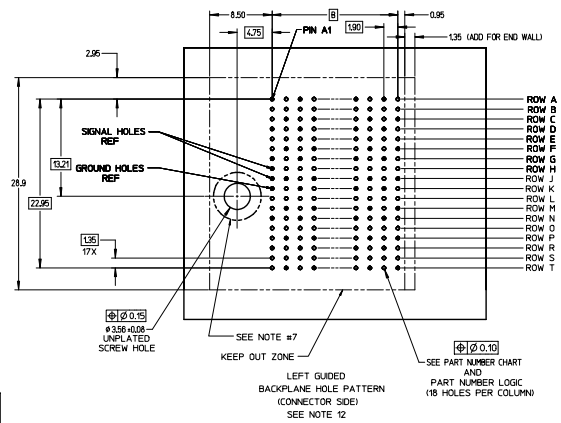
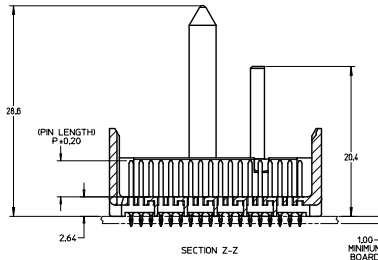
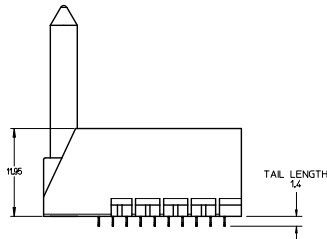
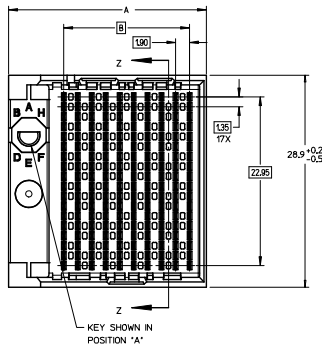
Stocking Distributor

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

[Molex Connector Corporation](#)
[0761457105](#)

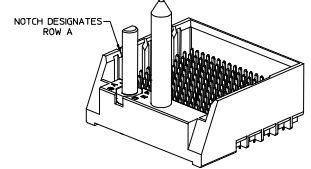
For any questions, you can email us directly:

sales@integrated-circuit.com



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
 2. FINISH: 5 MICRON MINIMUM GOLD FLASH OVER 20 MICRON MINIMUM
Pd-Ni 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-70873-760
 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.

Pd-Ni
PLATING



QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		4:1		METRIC			
▽=0		4 PLACES ±		DRAWN BY SWANG01		DATE 2015/12/09		IMPACT 6 PAIR HEADER			
▽=0		3 PLACES ±		CHECKED BY		DATE		TEST GUIDO			
▽=0		2 PLACES ±		WOLFE		2015/12/09		ASSEMBLY SALES DRAWING			
▽=0		1 PLACE ±		APPROVED BY		DATE		molex			
▽=0		0 PLACE ±		SMILLER		2015/12/17		DOCUMENT NO.		SHEET NO.	
		ANGULAR ±1/2°		MATERIAL NO.				RSD-173432-002		1 OF 3	
		DRAFT WHERE APPLICABLE		SEE TABLE							
		MUST REMAIN WITHIN DIMENSIONS		SIZE D							
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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)

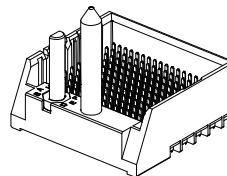
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

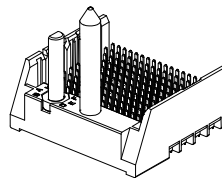
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

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	

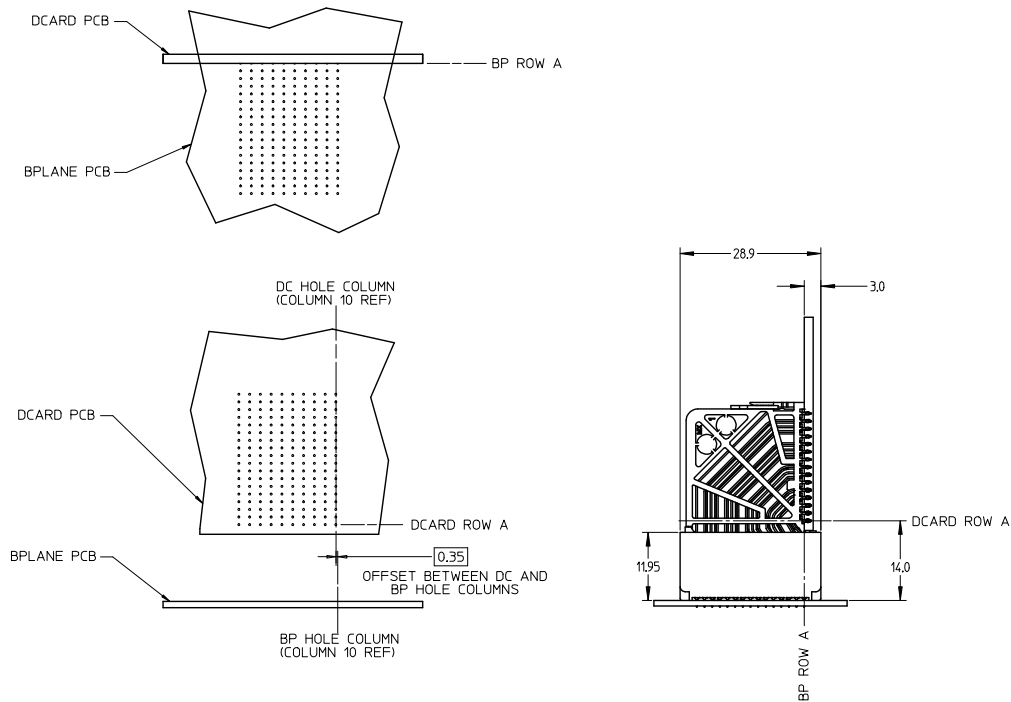
GUIDE LEFT
END WALL OPTION

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	

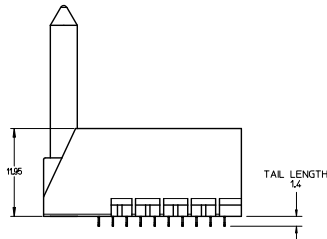
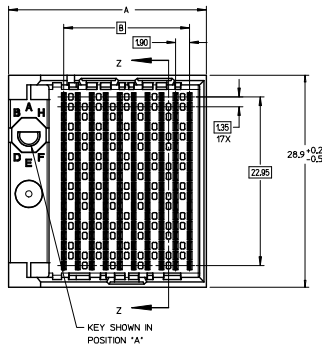
GUIDE LEFT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCF2016-2332 DRAWN BY: SVANG01 CHKD BY: MWOLFE APPR: SMILLER DATE: 2015/12/09 2015/12/09 2015/12/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
			MM ONLY		2:1	METRIC	
			DRAWN BY DATE		TITLE		
			SVANG01 2015/12/09		IMPACT 6 PAIR HEADER		
			CHECKED BY DATE		LEFT GUIDED PDNI		
			MWOLFE 2015/12/09		ASSEMBLY SALES DRAWING		
	APPROVED BY DATE		molex				
	SMILLER 2015/12/17						
	MATERIAL NO.				DOCUMENT NO.	SHEET NO.	
	SEE TABLE				RSD-173432-002	2 OF 3	
A	REV	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							

IMPACT 6 PAIR
BOARD RELATIONSHIPS

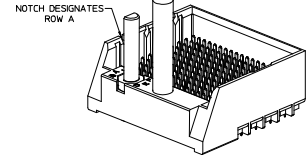
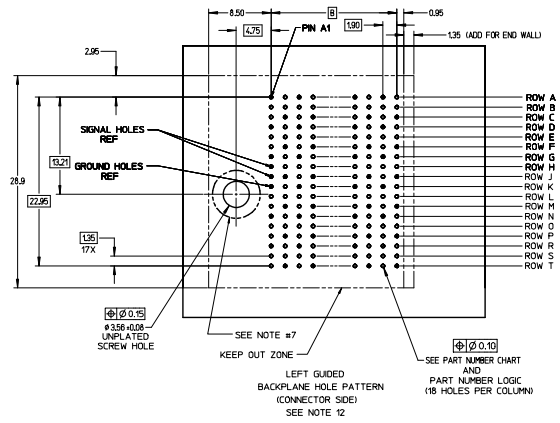
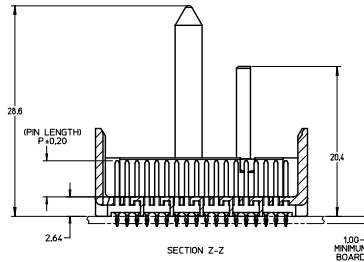


SEE SHEET 1 EC NO: UCP2016-2332 DRAWN BY: SVANG01 CHKD BY: MWOLFE APPR: SMILLER DATE: 2015/12/09 DATE: 2015/12/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE	
			MM ONLY						
	0 0 0	mm INCH	DRAWN BY	DATE	IMPACT 6 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING molex	DOCUMENT NO. RSD-173432-002	SHEET NO. 3 OF 3		
		4 PLACES	±	---				SVANG01	2015/12/09
		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						
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 PER: 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
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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			
▽		4 PLACES ±		DRAWN BY		DATE		TITLE			
▽		3 PLACES ±		MSANDBERG		2007/12/26		IMPACT 6 PAIR HEADER			
▽		2 PLACES ±		CHECKED BY		DATE		LEFT GUIDED ASSEMBLY			
▽		1 PLACE ±		JLAURX		2007/12/26		SALES DRAWING			
▽		0 PLACE ±		APPROVED BY		DATE					
				JLAURX		2010/02/22					
				MATERIAL NO.							
				SEE TABLE							
				DRAFT WHERE APPLICABLE							
				MUST REMAIN							
				WITHIN DIMENSIONS							

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)

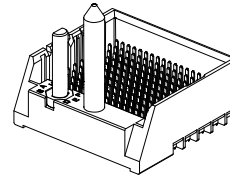
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

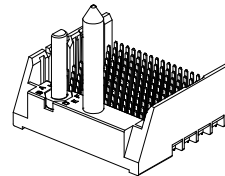
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

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	

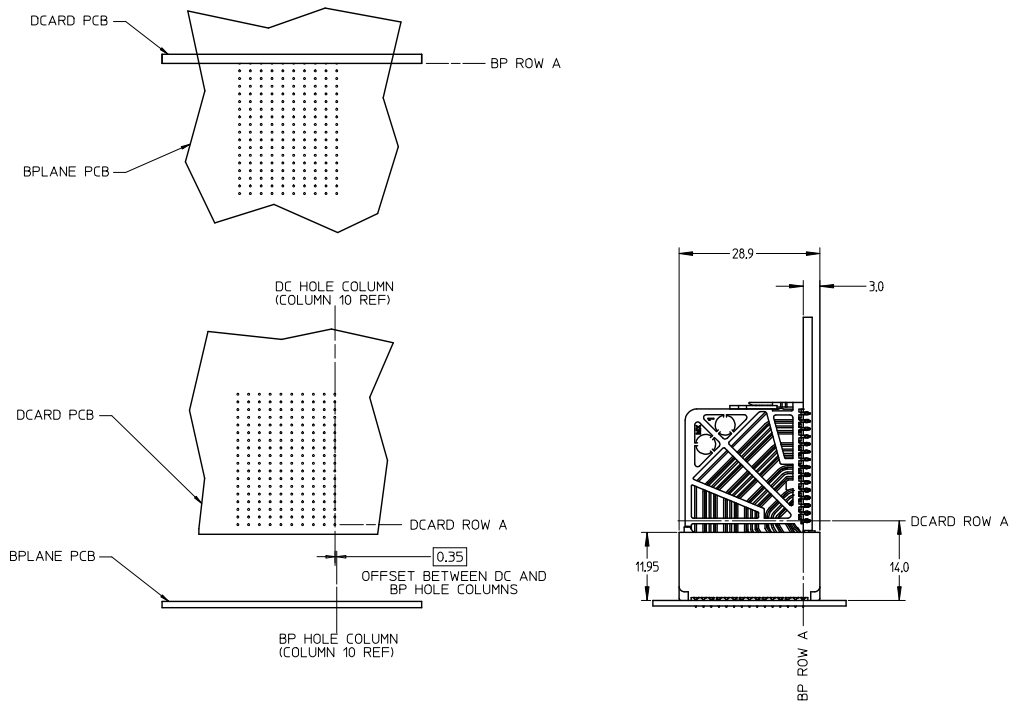
GUIDE LEFT
END WALL OPTION

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: UCF2014-0887 DRAWN BY: BINGHAM CHKD: JLAURX APPR: JLAURX G1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 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: MSANDBERG CHECKED BY: JLAURX APPROVED BY: JLAURX DATE: 2007/12/26 DATE: 2007/12/26 DATE: 2010/02/22	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IMPACT 6 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	MATERIAL NO. SD-76145-002 DOCUMENT NO. SD-76145-002	SHEET NO. 2 OF 3

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	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 6 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING molex	DOCUMENT NO. SD-76145-002	SHEET NO. 3 OF 3		
			mm		INCH		MM ONLY									
			4 PLACES	±	---	±	---	DRAWN BY							DATE	
			3 PLACES	±	---	±	---	CHECKED BY							DATE	
			2 PLACES	±	0.13	±	---	JLAURX							2007/12/26	
			1 PLACE	±	0.25	±	---	APPROVED BY							DATE	
			0 PLACE	±		±		JLAURX							2010/02/22	
			ANGULAR ±1/2°				MATERIAL NO.									
			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									