

## Excellent Integrated System Limited

Stocking Distributor

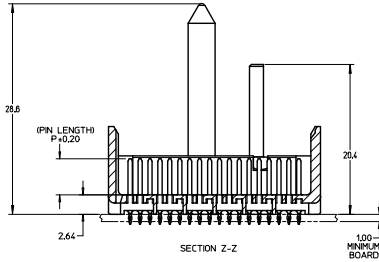
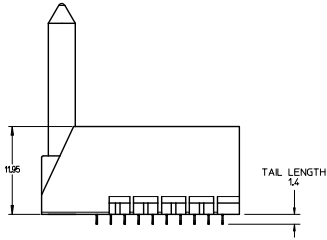
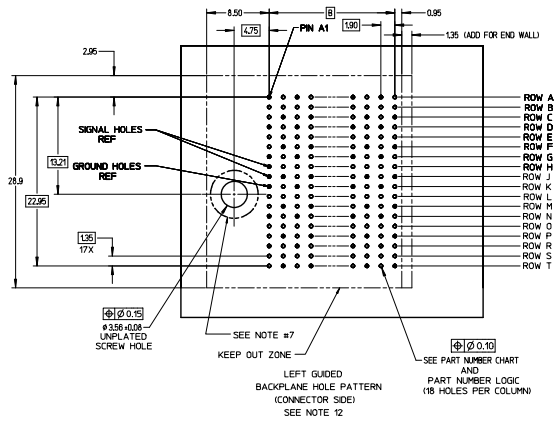
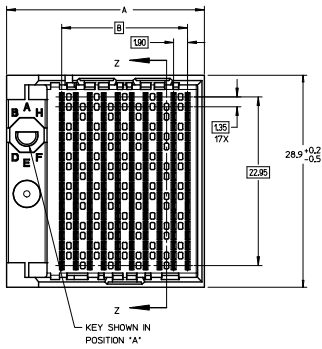
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)

[0761452605](#)

For any questions, you can email us directly:

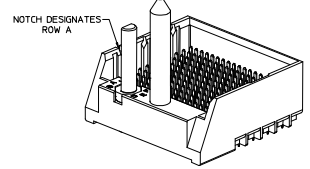
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**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 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 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 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	INCH	MM ONLY	METRIC			
▽=0	4 PLACES ±	---	DRAWN BY	DATE	4:1	METRIC	THIRD ANGLE PROJECTION
▽=0	3 PLACES ±	---	SVANG01	2015/12/09			
▽=0	2 PLACES ±	0.13	CHECKED BY	DATE			
	1 PLACE ±	0.25	WOLFE	2015/12/09	TITLE		IMPACT 6 PAIR HEADER
	0 PLACE ±	---	APPROVED BY	DATE	IMPACT 6 PAIR HEADER		LEFT GUIDED PDNI
			SMILLER	2015/12/17	ASSEMBLY SALES DRAWING		
			MATERIAL NO.		DOCUMENT NO.		molex
			ANGULAR ±1/2°		RSD-173432-002		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		1 OF 3
			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)

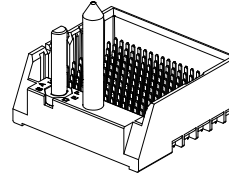
- 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

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

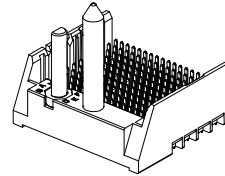
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT END WALL OPTION
173432- <i>x1**</i>	10	60	26.9	17.10	
173432- <i>x7**</i>	14	84	34.5	24.70	
173432- <i>x6**</i>	16	96	38.3	28.50	



GUIDE LEFT  
END WALL  
OPTION

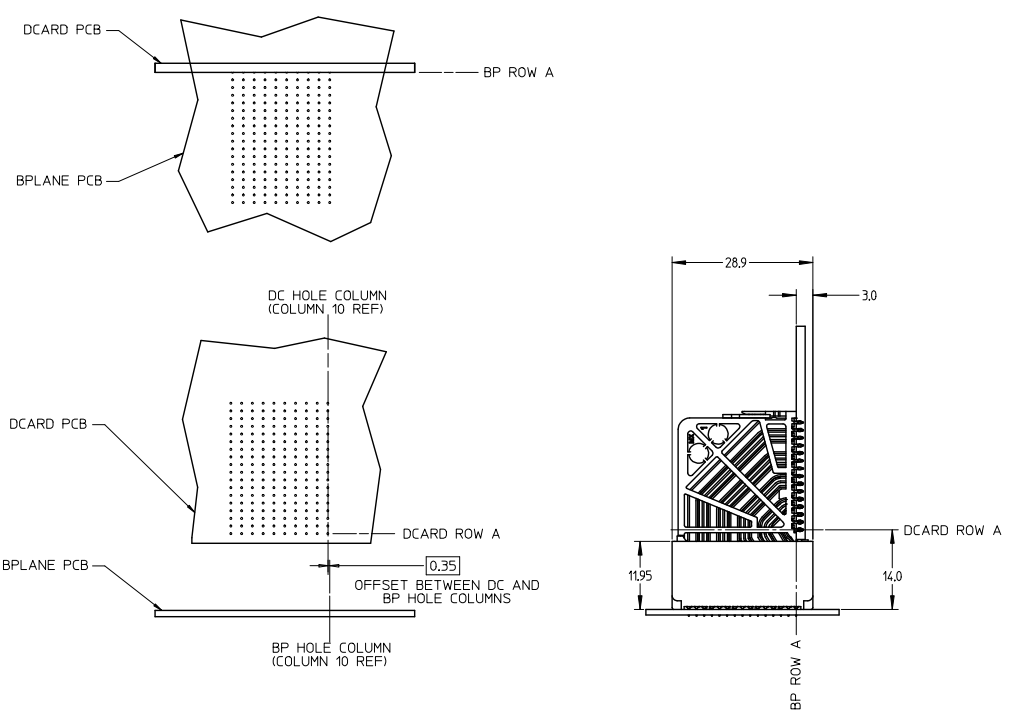
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
173432- <i>x1**</i>	10	60	25.5	17.10	
173432- <i>x7**</i>	14	84	33.1	24.70	
173432- <i>x6**</i>	16	96	36.9	28.50	



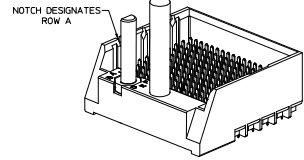
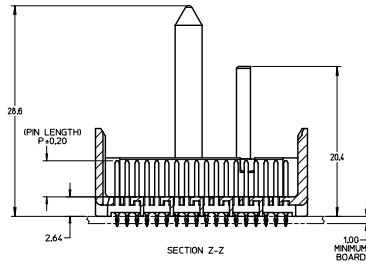
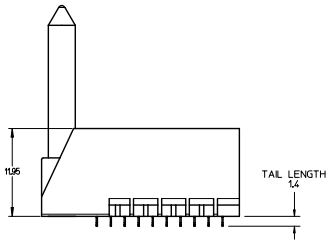
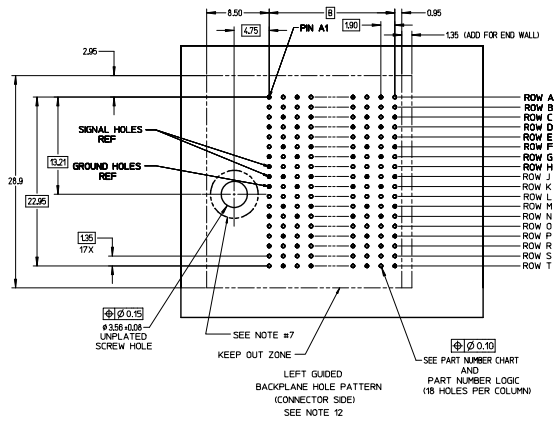
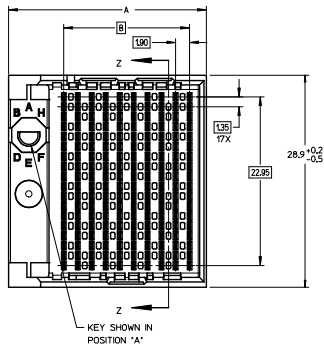
GUIDE LEFT  
OPEN WALL  
OPTION

SEE SHEET 1 EC NO: UCP2016-2332 DRAWN BY: SVANG01 CHK: MWOLFE APPR: SMILLER DATE: 2015/12/09 DATE: 2015/12/09 DATE: 2015/12/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	0 PLACE ± ±	DRAWN BY: SVANG01 DATE: 2015/12/09	CHECKED BY: MWOLFE DATE: 2015/12/09	TITLE IMPACT 6 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING
		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	MATERIAL NO.	DOCUMENT NO. RSD-173432-002	SHEET NO. 2 OF 3
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

IMPACT 6 PAIR  
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2016-2332 DRAWN BY: 2015/12/09 CHKD BY: MWOLFE 2015/12/09 APPR: SMILLER 2015/12/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY SVANG01	DATE 2015/12/09	TITLE IMPACT 6 PAIR HEADER LEFT GUIDED PDNI ASSEMBLY SALES DRAWING			
		4 PLACES ± ---	± ---	CHECKED BY MWOLFE	DATE 2015/12/09	molex DOCUMENT NO. RSD-173432-002 SHEET NO. 3 OF 3			
		3 PLACES ± ---	± ---	APPROVED BY SMILLER	DATE 2015/12/17				
		2 PLACES ± 0.13	± ---	MATERIAL NO. SEE TABLE					
1 PLACE ± 0.25	± ---	ANGULAR ± 1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
0 PLACE ±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY  
SELECTIVE TIN ON PCB TAILS,  
NICKEL OVERALL.
  2. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999  
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
  3. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF  
MOLEX COSMETIC SPEC PS-45499-002.
  4. PACKAGE PERL: PK-70873-760
  5. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
  6. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/- 0.08 (PTH)  
DIA. 3.66 (DRILL) AND DIA. 6.5 (PAD).
  7. MATES WITH IMPACT DC SERIES NO. 76150.
  8. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM  
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
  9. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTI PAD AND ROUTING RECOMMENDATIONS.
  10. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
  11. 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 STACKED TOGETHER, USE A 1.5mm PROGRESSION.

REVISED (MINOR) ECN NO. UCP2014-0887 DRAWN: B. INGRAM CHECKED: J. LAURX APPROVED: J. LAURX DATE: 2010/07/12	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.50</td> <td>± 0.020</td> </tr> <tr> <td>1 PLACE</td> <td>± 1.00</td> <td>± 0.040</td> </tr> <tr> <td>0 PLACE</td> <td>± 1.50</td> <td>± 0.060</td> </tr> </table>		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.50	± 0.020	1 PLACE	± 1.00	± 0.040	0 PLACE	± 1.50	± 0.060	DIMENSION STYLE MM ONLY DRAWN BY: MSANDBERG DATE: 2007/12/26 CHECKED BY: JLAURX DATE: 2007/12/26 APPROVED BY: JLAURX DATE: 2010/02/22	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE <b>IMPACT 6 PAIR HEADER          LEFT GUIDED ASSEMBLY          SALES DRAWING</b>	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-76145-002</b>	SHEET NO. <b>1 OF 3</b>
		mm	INCH																							
4 PLACES	± 0.13	± 0.005																								
3 PLACES	± 0.25	± 0.010																								
2 PLACES	± 0.50	± 0.020																								
1 PLACE	± 1.00	± 0.040																								
0 PLACE	± 1.50	± 0.060																								
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

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)

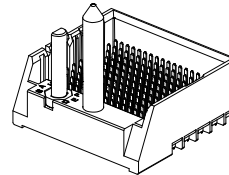
- 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

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

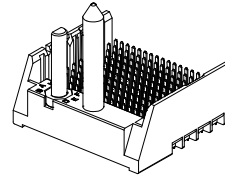
PART NUMBER TABLE

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

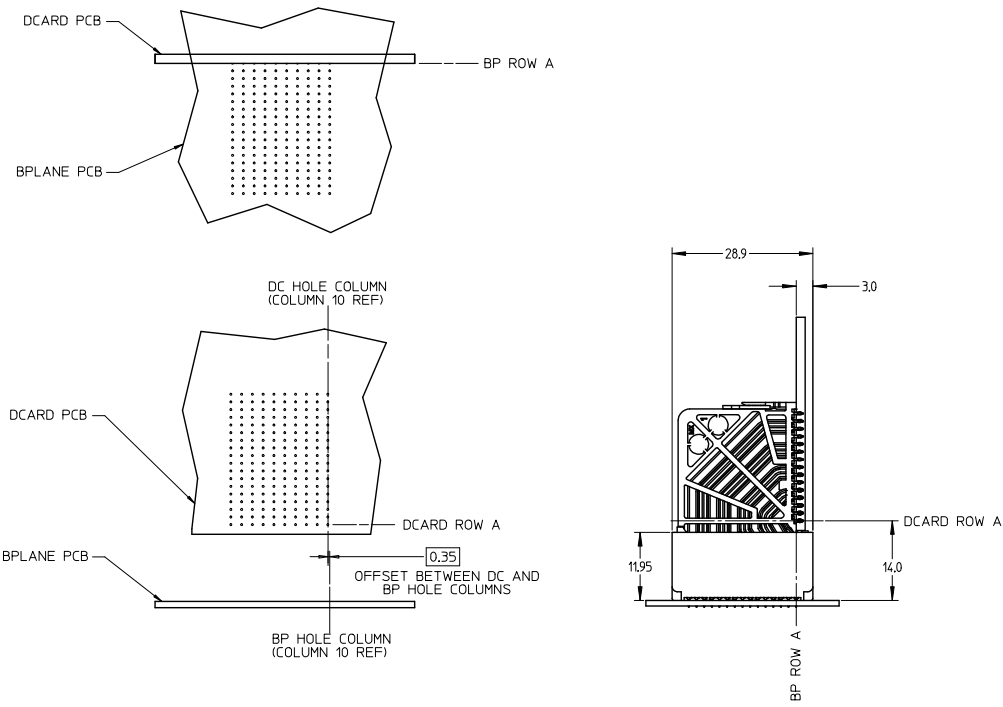
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	GUIDE LEFT OPEN WALL OPTION
76145-1**	10	60	25.5	17.10	
76145-7**	14	84	33.1	24.70	
76145-6**	16	96	36.9	28.50	



GUIDE LEFT  
OPEN WALL  
OPTION

SEE SHEET 1 EC NO: UCP2014-0887 DRAWN BY: B. INDIAN 2013/08/25 CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		2:1	METRIC		
		4 PLACES ± --- ± ---		DRAWN BY: MSANDBERG DATE: 2007/12/26		TITLE IMPACT 6 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING 			
		3 PLACES ± --- ± ---		CHECKED BY: JLAURX DATE: 2007/12/26					
2 PLACES ± 0.13 ± ---		APPROVED BY: JLAURX DATE: 2010/02/22							
1 PLACE ± 0.25 ± ---									
0 PLACE ± ±		ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				SD-76145-002		2 OF 3	

IMPACT 6 PAIR  
BOARD RELATIONSHIPS



SEE SHEET 1 IEC NO: UCP2014-0887 DRAWN: B INGRAM 2013/08/29 CHECKED: LAURX 2013/08/29 APPR: LAURX 2013/09/23	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	mm INCH --- --- --- --- --- --- --- --- --- ---	DRAWN BY MSANDBERG	DATE 2007/12/26	TITLE IMPACT 6 PAIR HEADER LEFT GUIDED ASSEMBLY SALES DRAWING		molex
G1	DESCRIPTION REV	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-76145-002	SHEET NO. 3 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION