

## Excellent Integrated System Limited

Stocking Distributor

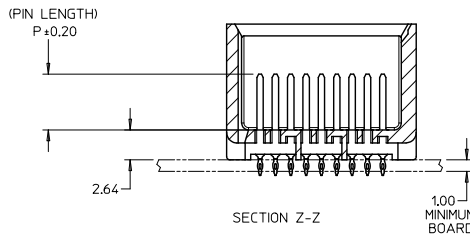
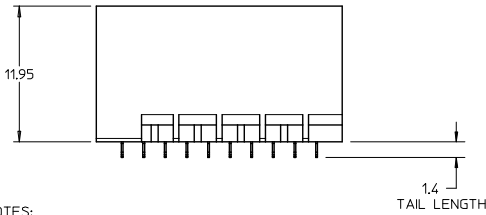
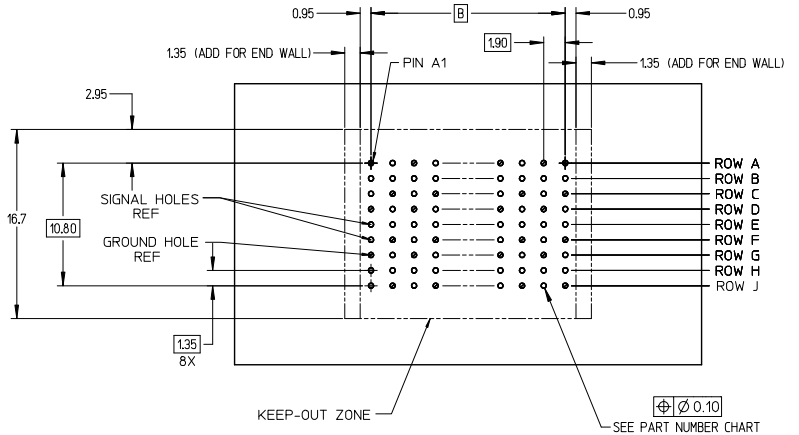
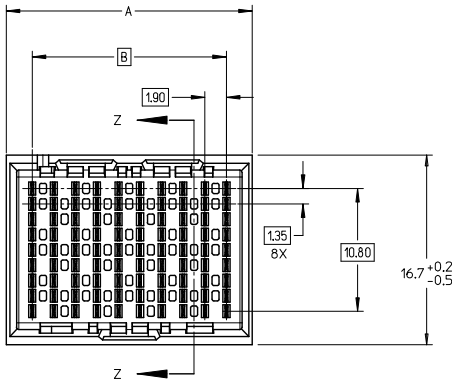
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0761651807](#)

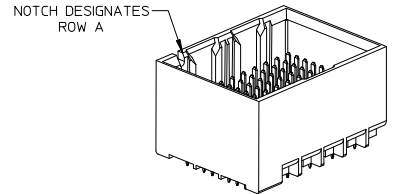
For any questions, you can email us directly:

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

13 12 11 10 9 8 7 6 5 4 3 2 1



UNGUIDED BACKPLANE HOLE PATTERN (CONNECTOR SIDE) SEE NOTE 9



NOTES:

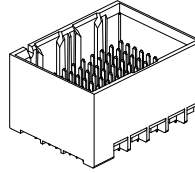
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
- FINISH: 30μ MIN GOLD IN CONTACT AREA.  
SELECTIVE TIN ON PCB TAILS.  
NICKEL OVERALL.
- REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
- PARTS PACKAGED PER PK-70873-7700.
- SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
- MATES WITH IMPACT DC SERIES NO. 76170.
- REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
- \*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.\*

CONVERT TO LEAD-FREE EC NO: UCP2015-2078 DRAWN: IBARRA 2017/11/28 CHKD: BINGHAM 2017/12/18 APPR: MILLER 2017/12/31	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY MSANDBERG	DATE 2007/06/18	TITLE <b>IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING</b>					
		2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY JLAURX	DATE 2007/06/18	APPROVED BY JLAURX					
		0 PLACE ± ±	ANGULAR ± 1/2°	MATERIAL NO. <b>SEE TABLE</b>	DATE 2010/10/15	DOCUMENT NO. <b>SD-76165-001</b>	SHEET NO. <b>1 OF 3</b>				

12 11 10 9 8 7 6 5 4 3 2 1

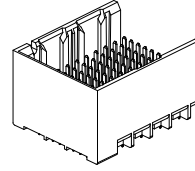
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	DUAL END WALL OPTION
76165- <b>*32*</b>	6	18	14.1	9.50	
76165- <b>*82*</b>	8	24	17.9	13.30	
76165- <b>*12*</b>	10	30	21.7	17.10	
76165- <b>*62*</b>	16	48	33.1	28.50	



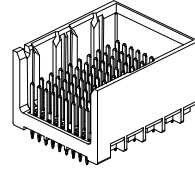
DUAL END  
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	LEFT END WALL OPTION
76165- <b>*31*</b>	6	18	12.7	9.50	
76165- <b>*81*</b>	8	24	16.5	13.30	
76165- <b>*11*</b>	10	30	20.3	17.10	
76165- <b>*61*</b>	16	48	31.7	28.50	



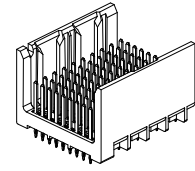
LEFT END  
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	RIGHT END WALL OPTION
76165- <b>*33*</b>	6	18	12.7	9.50	
76165- <b>*83*</b>	8	24	16.5	13.30	
76165- <b>*13*</b>	10	30	20.3	17.10	
76165- <b>*63*</b>	16	48	31.7	28.50	



RIGHT END  
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	OPEN WALL OPTION
76165- <b>*30*</b>	6	18	11.3	9.50	
76165- <b>*80*</b>	8	24	15.1	13.30	
76165- <b>*10*</b>	10	30	18.9	17.10	
76165- <b>*60*</b>	16	48	30.4	28.50	



OPEN  
WALL OPTION

PART NUMBER LOGIC

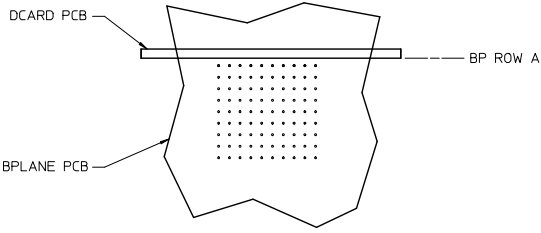
76165-\*\*\*\*

MODULE TYPE  
1 = UNGUIDED, TIN

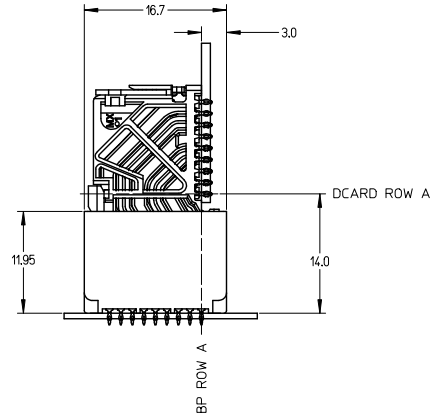
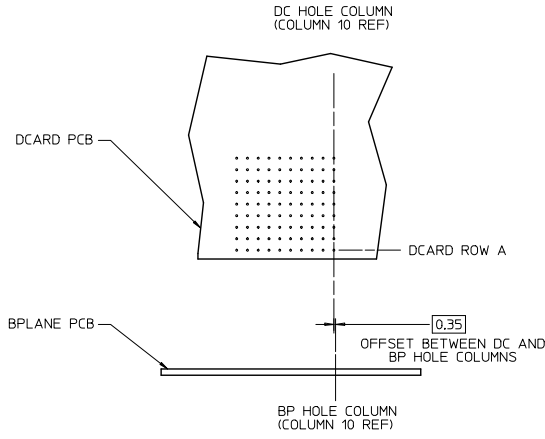
- PIN LENGTH (P)
- 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
  - 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
  - 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
  - 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
  - 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
  - 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
- END WALL OPTIONS
- 0 = OPEN ENDS
  - 1 = LEFT END WALL
  - 2 = DUAL END WALL
  - 3 = RIGHT END WALL

- # OF COLUMNS
- 1 = 10 COL
  - 3 = 6 COL
  - 6 = 16 COL
  - 8 = 8 COL

SEE SHEET 1 EC NO: UCP2013-2078 DRAWN BY: BARBA CHKD: B. INGHAM APPR: MILLER 2012/11/28 2012/12/18 2012/12/31	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DRAWN BY: MSANDBERG CHECKED BY: JLAURX APPROVED BY: JLAURX DATE: 2007/06/18 DATE: 2007/06/18 DATE: 2010/10/15	TITLE IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-76165-001



IMPACT 3 PAIR  
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2015-2078 DRAWN BY: TIBARRA 2012/11/28 CHKD: B INGHAM 2012/12/18 APPR: SMILLER 2012/12/21	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY MSANDBERG	DATE 2007/06/18	TITLE IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING				
		2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	CHECKED BY JLAURX	DATE 2007/06/18	molex				
		0 PLACE ± ±	ANGULAR ± 1/2°	APPROVED BY JLAURX	DATE 2010/10/15	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-76165-001	SHEET NO. 3 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	