

## Excellent Integrated System Limited

Stocking Distributor

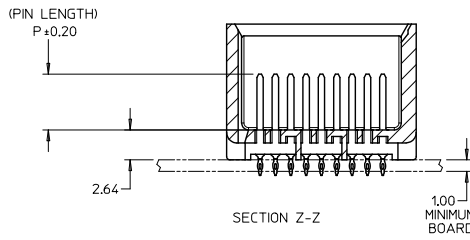
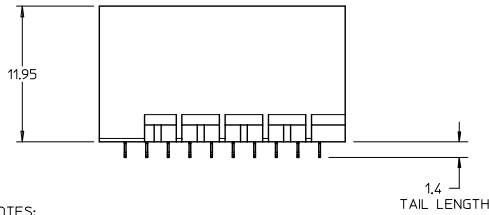
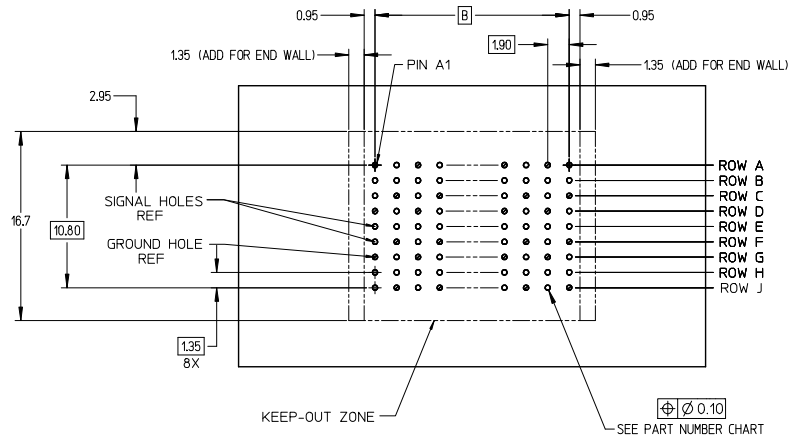
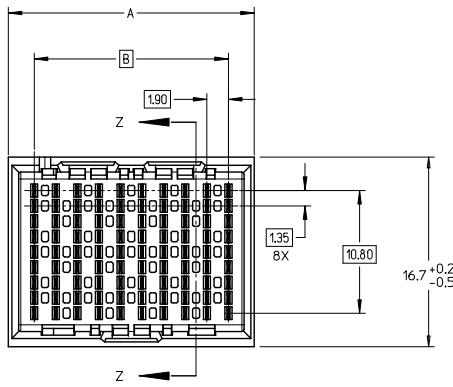
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0761651137](#)

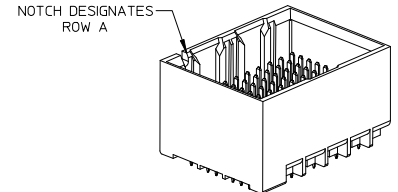
For any questions, you can email us directly:

[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



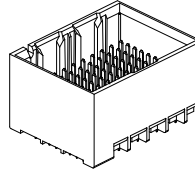
NOTES:

- 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 ∇=0 ∇=0.13 ∇=0.25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		4:1	METRIC			
		4 PLACES ± --- ± ---		DRAWN BY MSANDBERG		DATE 2007/06/18		TITLE IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING <b>molex</b>		
		3 PLACES ± --- ± ---		CHECKED BY JLAURX		DATE 2007/06/18				
1 PLACE ± 0.25 ± ---		APPROVED BY JLAURX		DATE 2010/10/15		DOCUMENT NO.		SHEET NO.		
0 PLACE ± ±		ANGULAR ±1/2°		MATERIAL NO.		SD-76165-001		1 OF 3		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

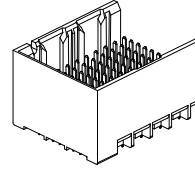
PART NUMBER TABLE

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	



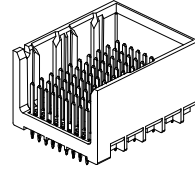
DUAL END  
WALL OPTION

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	



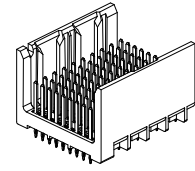
LEFT END  
WALL OPTION

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	



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	



OPEN  
WALL OPTION

PART NUMBER LOGIC

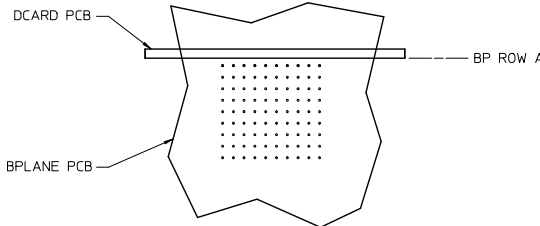
76165-\*\*\*\*

MODULE TYPE  
1 = UNGUIDED, TIN

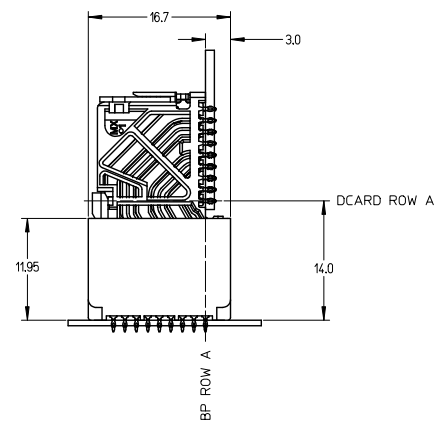
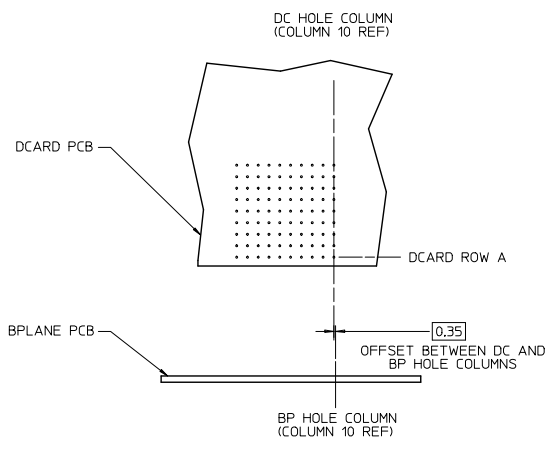
- PIN LENGTH (P)
- 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
  - 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
  - 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
  - 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
  - 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
  - 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
- END WALL 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 2012/11/28 CHKCD: B. INGHAM 2012/12/18 APPR: MILLER 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	DATE 2007/06/18	TITLE IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING	
		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.	DOCUMENT NO. SD-76165-001	SHEET NO. 2 OF 3
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



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	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	MSANDBERG 2007/06/18	IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING		
REV	DESCRIPTION	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	molex		
		1 PLACE ± 0.25 ± ---	JLAURX 2007/06/18	SD-76165-001		
		0 PLACE ± ±	APPROVED BY DATE	SHEET NO.		
		ANGULAR ± 1/2°	JLAURX 2010/10/15	3 OF 3		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			SIZE C			