

Excellent Integrated System Limited

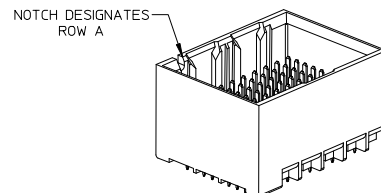
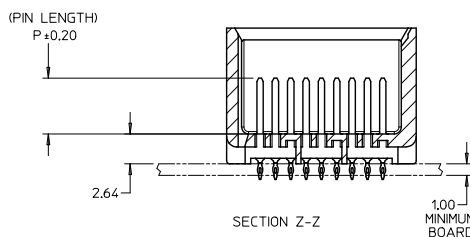
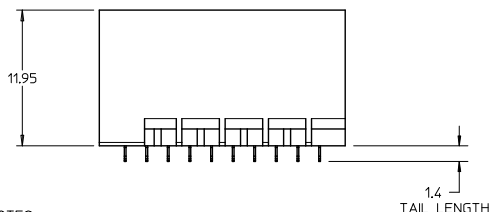
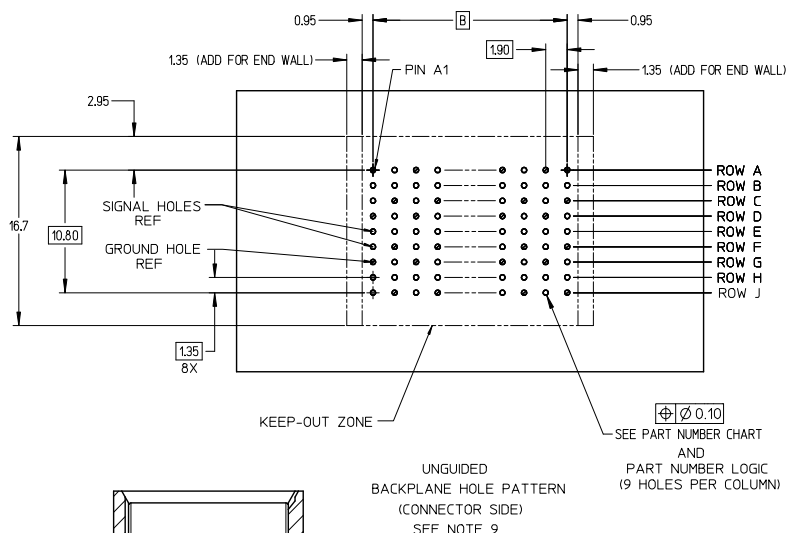
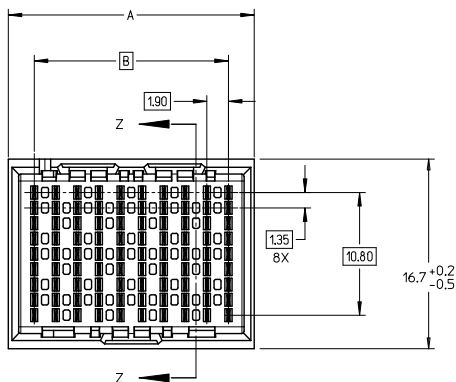
Stocking Distributor

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

[Molex Connector Corporation](#)
[0761650825](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

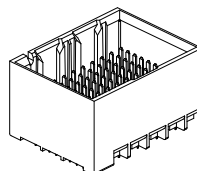


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 5. PARTS PACKAGED PER PK-70873-7700.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. MATES WITH IMPACT DC SERIES NO. 76170.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. *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.*

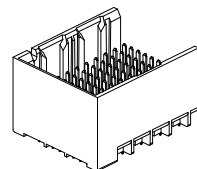
CONVERT TO LEAD-FREE	EC NO: UCP2015-2078 DRAWN BY: BARRA 2017/11/28 CHKD BY: BINGHAM 2017/12/18 APPR: MILLER 2017/12/31	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING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

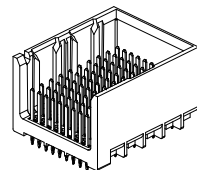
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
76165-#32*	6	18	14.1	9.50	
76165-#82*	8	24	17.9	13.30	
76165-#12*	10	30	21.7	17.10	
76165-#62*	16	48	33.1	28.50	

DUAL END
WALL OPTION

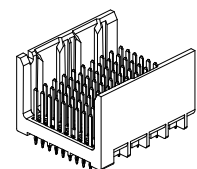
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
76165-#31*	6	18	12.7	9.50	
76165-#81*	8	24	16.5	13.30	
76165-#11*	10	30	20.3	17.10	
76165-#61*	16	48	31.7	28.50	

LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
76165-#33*	6	18	12.7	9.50	
76165-#83*	8	24	16.5	13.30	
76165-#13*	10	30	20.3	17.10	
76165-#63*	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-#30*	6	18	11.3	9.50	
76165-#80*	8	24	15.1	13.30	
76165-#10*	10	30	18.9	17.10	
76165-#60*	16	48	30.4	28.50	

OPEN
WALL OPTION

PART NUMBER LOGIC

76165-****

MODULE TYPE
1 = UNGUIDED, TIN

OF COLUMNS

1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

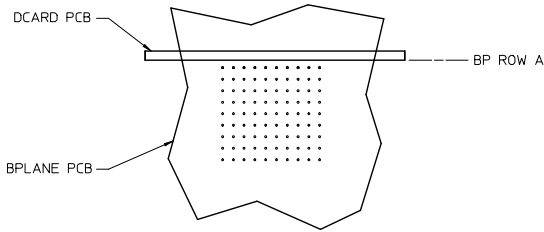
PIN LENGTH (P)

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)

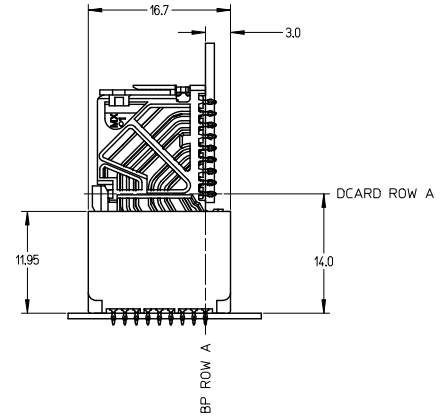
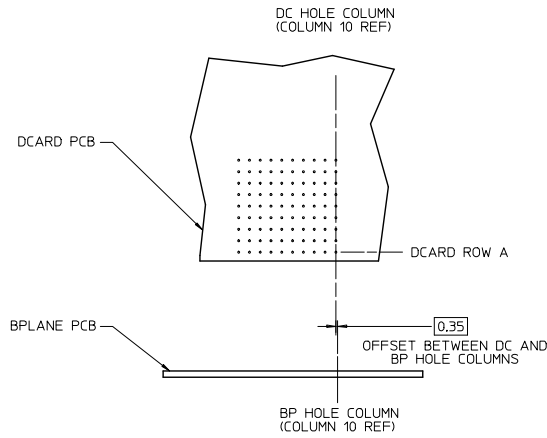
END WALL OPTIONS

0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL

SEE SHEET 1 EC NO: UC2703-2078 DRAWN BY: RABRA CHKD BY: NGHM APPR: SLM 2021/11/26 2021/07/15 2021/02/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
					MM ONLY		2.5:1	METRIC	
					DRAWN BY	DATE	TITLE		
					MSANDBERG	2007/06/18			
					CHECKED BY	DATE	IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING		
					JLAURX	2007/06/18			
					APPROVED BY	DATE	molex		
					JLAURX	2010/10/15			
					MATERIAL NO.		DOCUMENT NO.		
					SEE TABLE				
REV		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				SHEET NO. 2 OF 3	



IMPACT 3 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 DRAWN BY: IBARRA 2012/11/26 CHKD: B INGHAM 2012/12/18 APPR: SMILLER 2012/12/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION IMPACT BP 3 PAIR UNGUIDED ASSEMBLY SALES DRAWING molex SD-76165-001	SHEET NO. 3 OF 3
					MM ONLY		3:1	METRIC		
			4 PLACES ± --- ± ---		DRAWN BY MSANDBERG		DATE 2007/06/18			
			3 PLACES ± --- ± ---		CHECKED BY JLAURX		DATE 2007/06/18			
			2 PLACES ± 0.13 ± ---		APPROVED BY JLAURX		DATE 2010/10/15			
			1 PLACE ± 0.25 ± ---		MATERIAL NO.		DOCUMENT NO.			
			0 PLACE ± ±		SEE TABLE		SD-76165-001			
			ANGULAR ± 1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
			REV							