

Excellent Integrated System Limited

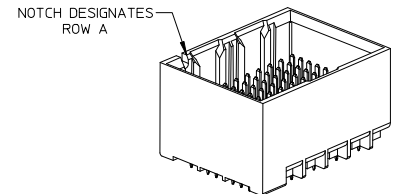
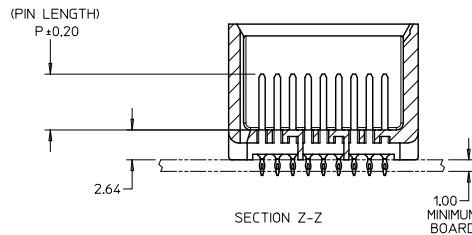
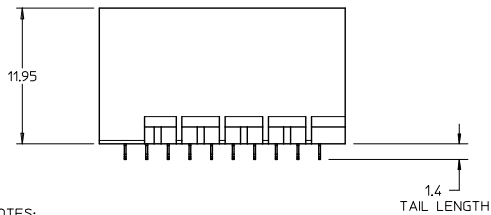
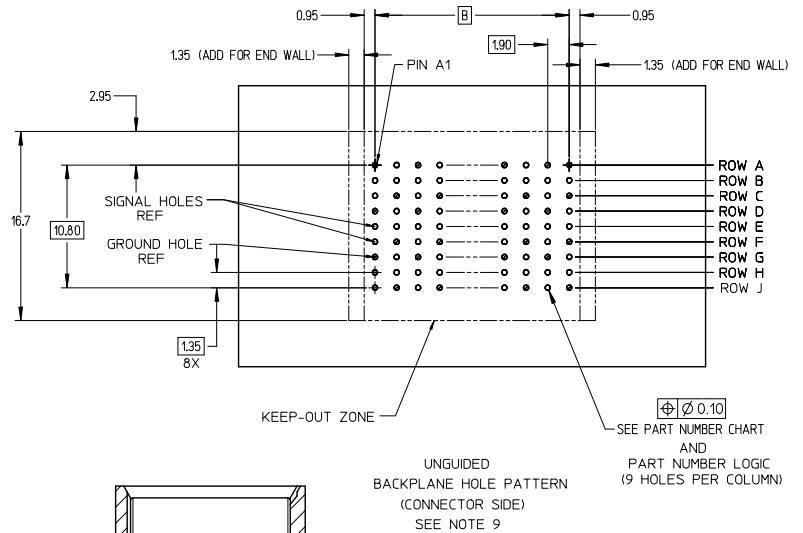
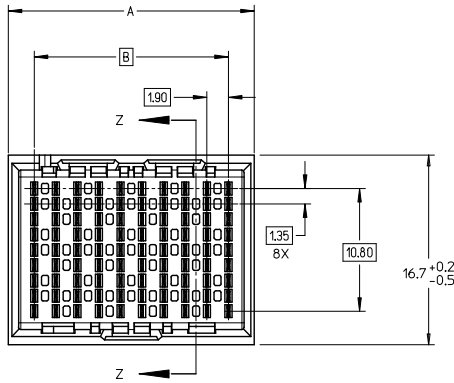
Stocking Distributor

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

[Molex Connector Corporation](#)
[0761650806](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

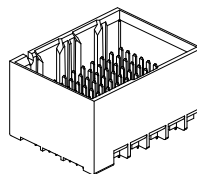


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND 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.*

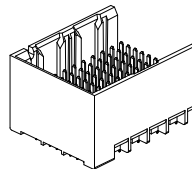
CONVERT TO LEAD-FREE EC NO: UCP2015-2078 DRAWN: IBARRA 2017/11/28 CHKD: BINGHAM 2017/12/18 APPR: MILLER 2017/12/31 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY DATE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

PART NUMBER TABLE

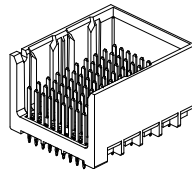
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
76165-#32*	6	18	14.1	9.50	
76165-#82*	8	24	17.9	13.30	
76165-#12*	10	30	21.7	17.10	
76165-#62*	16	48	33.1	28.50	

DUAL END
WALL OPTION

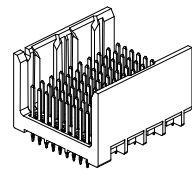
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
76165-#31*	6	18	12.7	9.50	
76165-#81*	8	24	16.5	13.30	
76165-#11*	10	30	20.3	17.10	
76165-#61*	16	48	31.7	28.50	

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

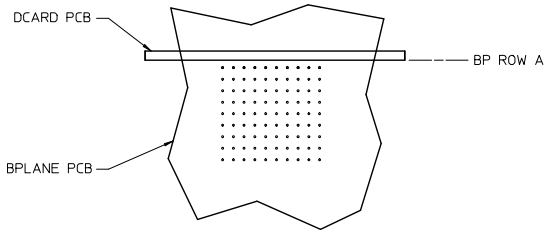
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

PIN LENGTH (P)

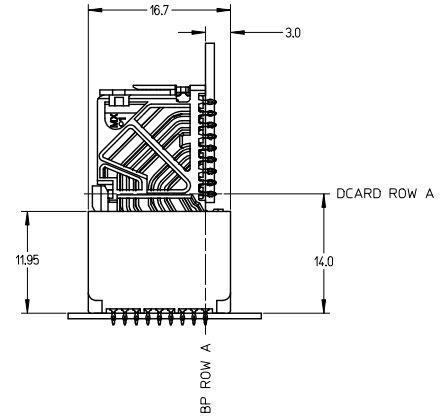
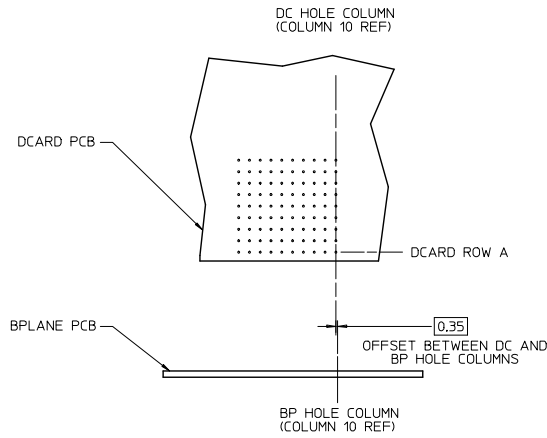
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

END WALL OPTIONS

0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALLSEE SHEET 1
EC NO: UCP203-2078
DRAWN BY: BARBA
CHKD BY: INGHAM
APPR: MILLER
2012/11/28
2012/12/18
2012/12/31QUALITY
SYMBOLS
▽=0
▽=0
▽=0GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.25 ± ---
0 PLACE ± ±
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY
DRAWN BY DATE
MSANDBERG 2007/06/18
CHECKED BY DATE
JLAURX 2007/06/18
APPROVED BY DATE
JLAURX 2010/10/15
MATERIAL NO.
SEE TABLESCALE
2.5:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
IMPACT BP 3 PAIR
UNGUIDED ASSEMBLY
SALES DRAWING
DOCUMENT NO.
SD-76165-001molex
SHEET NO.
2 OF 3



IMPACT 3 PAIR
BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-2078 DRAWN BY: 2012/11/28 CHKD: B INGHAM 2012/12/18 APPR: SMILLER 2012/12/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					DRAWN BY DATE		TITLE		
			4 PLACES ± --- ± ---		MSANDBERG 2007/06/18		IMPACT BP 3 PAIR		
			3 PLACES ± --- ± ---		CHECKED BY DATE		UNGUIDED ASSEMBLY		
			2 PLACES ± 0.13 ± ---		JLAURX 2007/06/18		SALES DRAWING		
			1 PLACE ± 0.25 ± ---		APPROVED BY DATE		molex		
			0 PLACE ± ±		JLAURX 2010/10/15				
			ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE		SEE TABLE		SD-76165-001		3 OF 3
			MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				