

Excellent Integrated System Limited

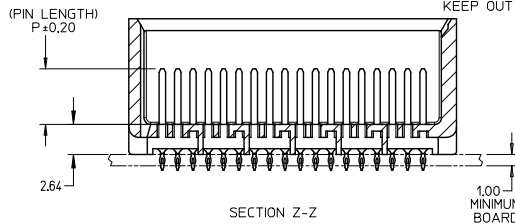
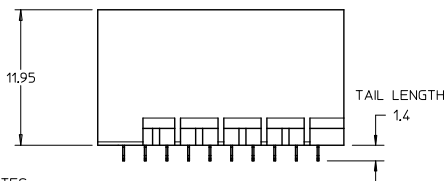
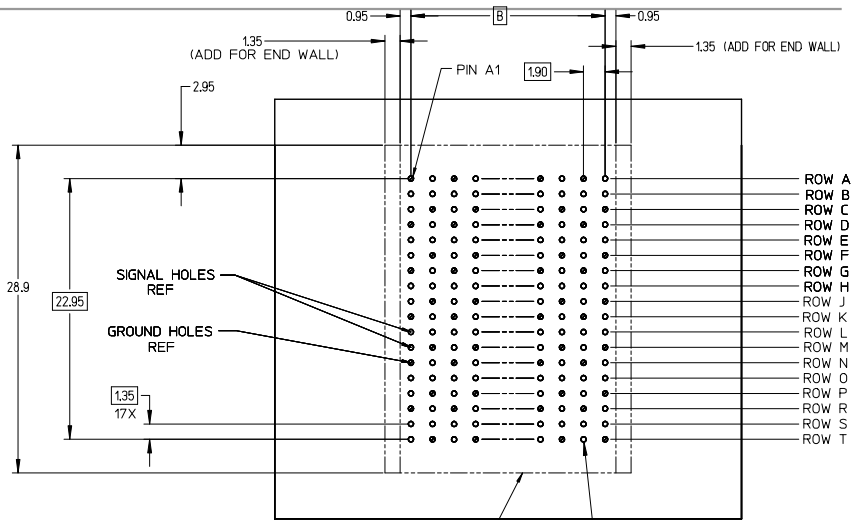
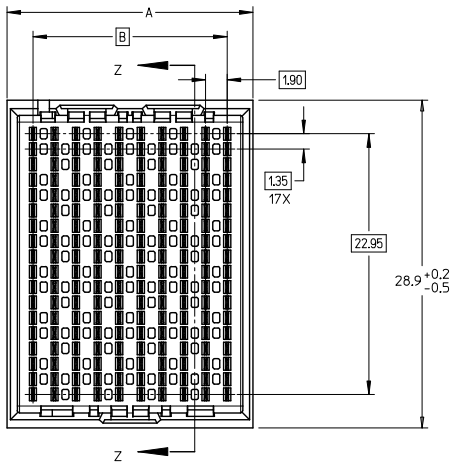
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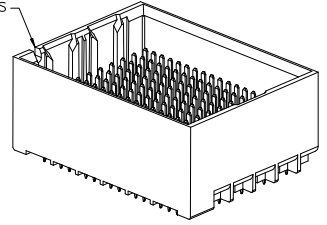
[Molex Connector Corporation](#)
[0761450133](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



KEEP OUT ZONE
UNGUIDED BACKPLANE HOLE PATTERN (CONNECTOR SIDE) SEE NOTE 9
SEE PART NUMBER CHART AND PART NUMBER LOGIC (18 HOLES PER COLUMN)
NOTCH DESIGNATES ROW A



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-70873-7703.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. MATES WITH IMPACT DC SERIES NO. 76150.
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 STACK TOGETHER, USE A 1.9mm PROGRESSION.*

REVISED (MINOR)	EC NO.	DATE	DRAWN BY	CHECKED BY	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
G1	UCP2014-0887	2013/08/25	MSANDBERG	JLAURX	JLAURX	2010/02/22	SD-76145-001	1 OF 3	

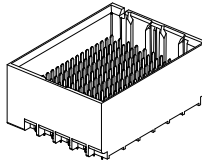
GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .005	± .0004
3 PLACES ± .008	± .0003
2 PLACES ± .013	± .0005
1 PLACE ± .025	± .0010
0 PLACE ± .050	± .0020

DIMENSION STYLE	
mm	INCH
4 PLACES ± .005	± .0004
3 PLACES ± .008	± .0003
2 PLACES ± .013	± .0005
1 PLACE ± .025	± .0010
0 PLACE ± .050	± .0020

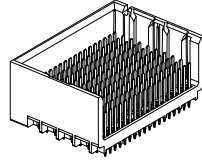
SCALE	
mm	INCH
4 PLACES ± .005	± .0004
3 PLACES ± .008	± .0003
2 PLACES ± .013	± .0005
1 PLACE ± .025	± .0010
0 PLACE ± .050	± .0020

PART NUMBER TABLE

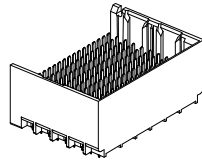
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	DUAL END WALL OPTION
76145-12*	10	60	21.7	17.10	
76145-172*	14	84	29.3	24.70	
76145-162*	16	96	33.1	28.50	

DUAL END
WALL OPTION

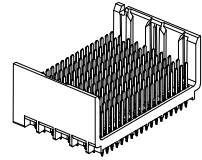
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	LEFT END WALL OPTION
76145-11*	10	60	20.3	17.10	
76145-171*	14	84	27.9	24.70	
76145-161*	16	96	31.7	28.50	

LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	RIGHT END WALL OPTION
76145-13*	10	60	20.3	17.10	
76145-173*	14	84	27.9	24.70	
76145-163*	16	96	31.7	28.50	

RIGHT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	OPEN WALL OPTION
76145-10*	10	60	18.9	17.10	
76145-170*	14	84	26.5	24.70	
76145-160*	16	96	30.3	28.50	

OPEN
WALL OPTION

PART NUMBER LOGIC

76145-****

MODULE TYPE
1 = UNGUIDED, TIN

P=PIN LENGTH

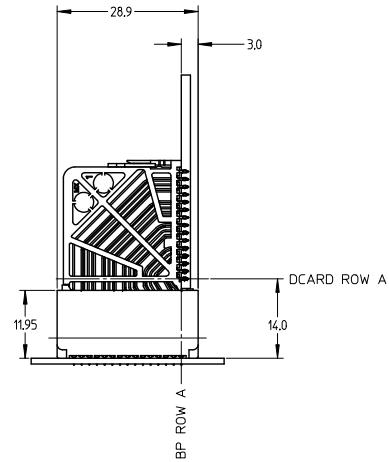
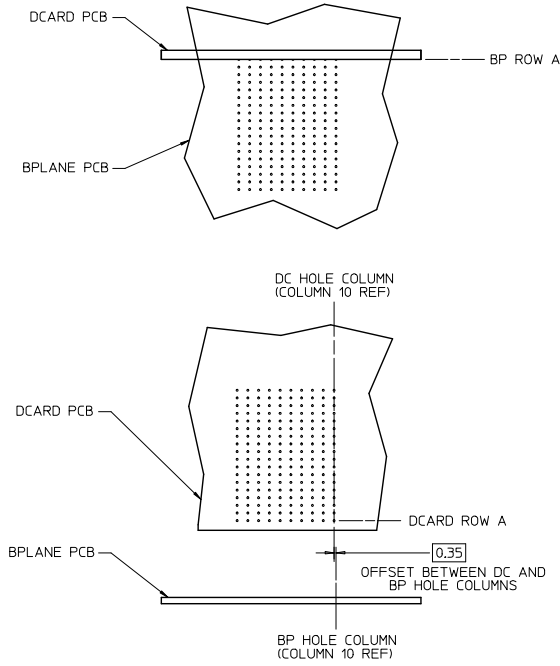
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)


OF COLUMNS
1 = 10 COLUMN
6 = 16 COLUMN
7 = 14 COLUMN

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

SEE SHEET 1 EC NO: UCP2014-0987 DRAWN: BINGHAY 2013/08/25 CHKD: LAURY 2013/09/25 APPR: LAURY	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY MSANDBERG	DATE 2007/12/26	IMPACT 6 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex			
	▽=0	4 PLACES ± ---	3 PLACES ± ---	CHECKED BY	DATE				
	▽=0	2 PLACES ± 0.13	1 PLACE ± 0.25	JLAURX	2007/12/26				
	▽=0	0 PLACE ±	APPROVED BY	DATE					
			JLAURX	2010/02/22	SD-76145-001				
	ANGULAR ±1/2°		MATERIAL NO.					DOCUMENT NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76145-001		SHEET NO. 2 OF 3		
	G1	REV	SIZE C 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: UCP2014-0887 2013/08/25 DRWNG: JINGHAI CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
							MM ONLY		2:1	METRIC	
							DRAWN BY	DATE	TITLE		
							MSANDBERG	2007/12/26	IMPACT 6 PAIR HEADER		
							CHECKED BY	DATE	UNGUIDED ASSEMBLY		
							JLAURX	2007/12/26	SALES DRAWING		
							APPROVED BY	DATE	molex		
							JLAURX	2010/02/22			
							MATERIAL NO.	DOCUMENT NO.			
							SEE TABLE		SD-76145-001		
				DRAFT WHERE APPLICABLE				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							