

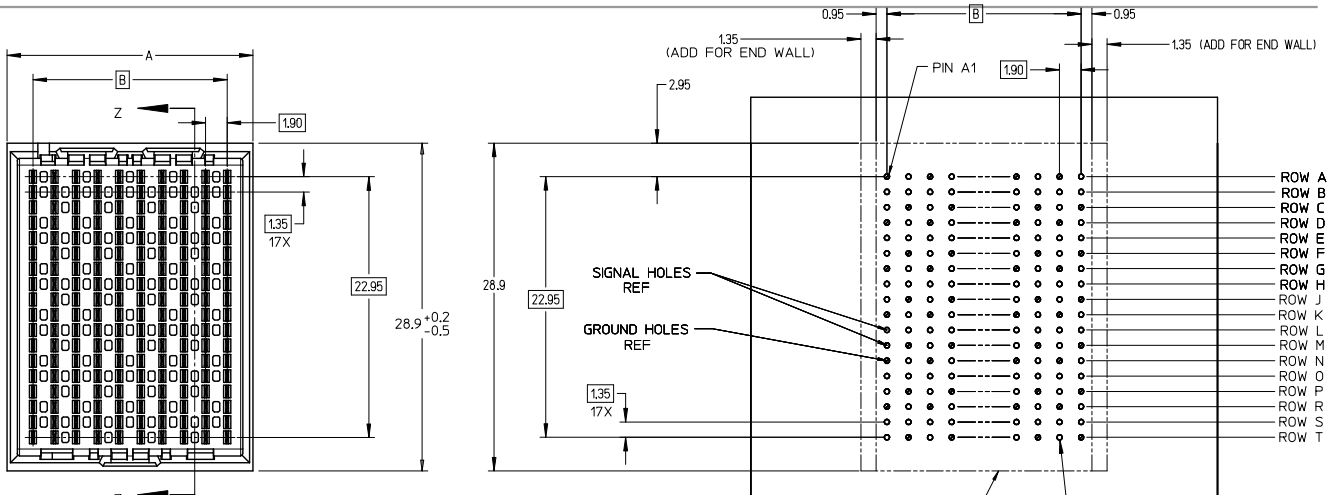
Excellent Integrated System Limited

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sales@integrated-circuit.com

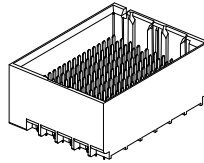


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
 5. PARTS PACKAGED PER PK-70873-7703.
 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.*

REVISIONS		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
REV	DESCRIPTION	SYMBOL	VALUE	mm	INCH	MM ONLY	DATE	4:1	METRIC	MM	METRIC	THIRD ANGLE PROJECTION	PROJECTION
1	REVISED (MINOR)	▽=0	4 PLACES	±0.13	±0.005	MSANDBERG	2007/12/26						
2	EC NO: UCP2014-0887	▽=0	3 PLACES	±0.13	±0.005	CHECKED BY	DATE						
3	DRW: JLAURX	▽=0	2 PLACES	±0.25	±0.010	JLAURX	2007/12/26						
4	CHKD: JLAURX	▽=0	1 PLACE	±0.25	±0.010	APPROVED BY	DATE						
5	APPR: JLAURX	▽=0	0 PLACE	±0.25	±0.010	JLAURX	2010/02/22						
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-76145-001					
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

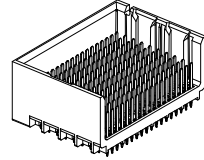
PART NUMBER TABLE

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



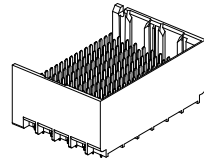
DUAL END
WALL OPTION

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	



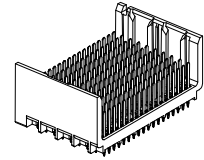
LEFT END
WALL OPTION

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

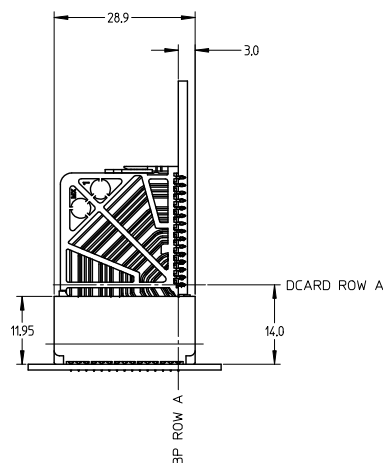
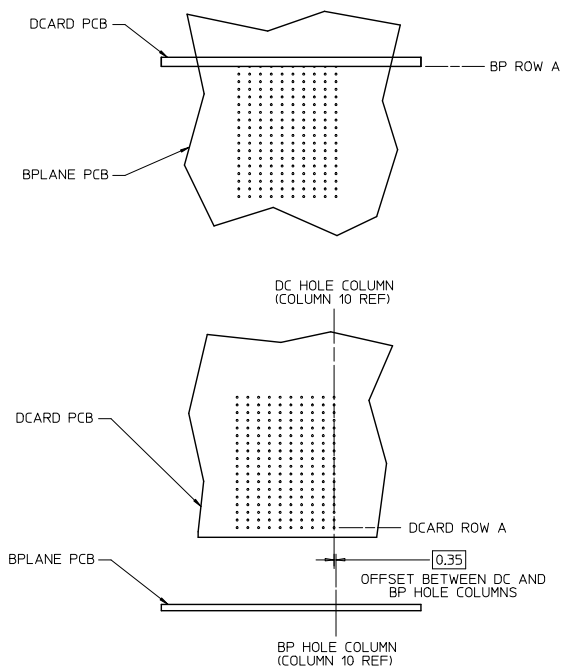
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

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: UCP2014-0087 DRAWN IN: INGHAM 2013/08/25 CHKD: LAURY 2013/08/25 APPR: LAURY 2013/09/25	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
							MM ONLY		2:1	METRIC	
			mm		INCH		DRAWN BY	DATE	IMPACT 6 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex		
			4 PLACES	±	---	MSANDBERG	2007/12/26				
			3 PLACES	±	---	CHECKED BY	DATE				
			2 PLACES	±	0.13	JLAURX	2007/12/26				
			1 PLACE	±	0.25	APPROVED BY	DATE				
			0 PLACE	±	---	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		
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 3			

IMPACT 6 PAIR
BOARD RELATIONSHIPS



REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
			mm	INCH	MM ONLY	DATE	2:1	METRIC				
G1	SEE SHEET 1 EC NO: UCP2014-0887 DRAWN: JINGHAI 2013/08/25 CHKD: JLAURX 2013/08/25 APPR: JLAURX 2013/09/25	 =0  =0  =0	4 PLACES	±	±	MSANDBERG	2007/12/26	IMPACT 6 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex	SD-76145-001	3 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			3 PLACES	±	±	CHECKED BY	DATE					
			2 PLACES	±	0.13	JLAURX	2007/12/26					
			1 PLACE	±	0.25	APPROVED BY	DATE					
			0 PLACE	±	±	JLAURX	2010/02/22					
			ANGULAR ±1/2°		MATERIAL NO.		SEE TABLE					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C							