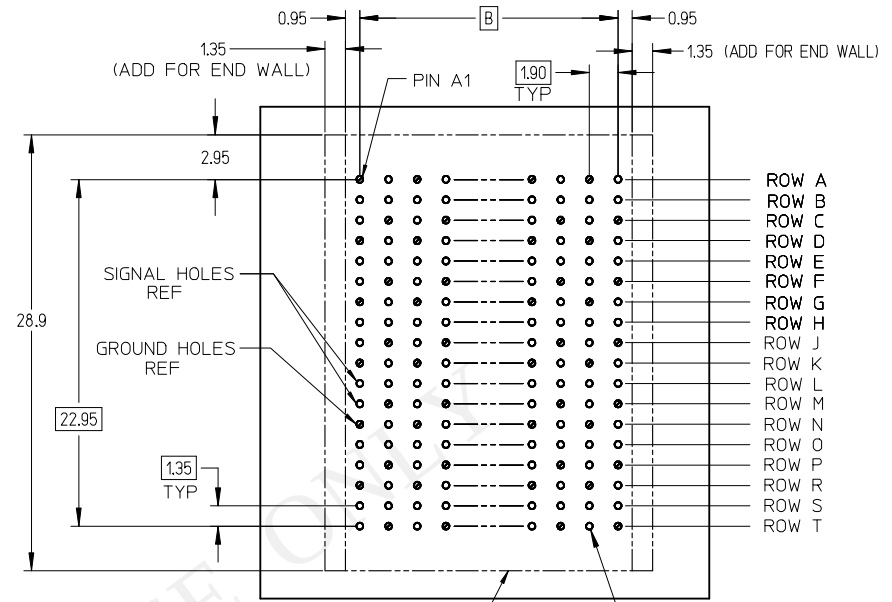
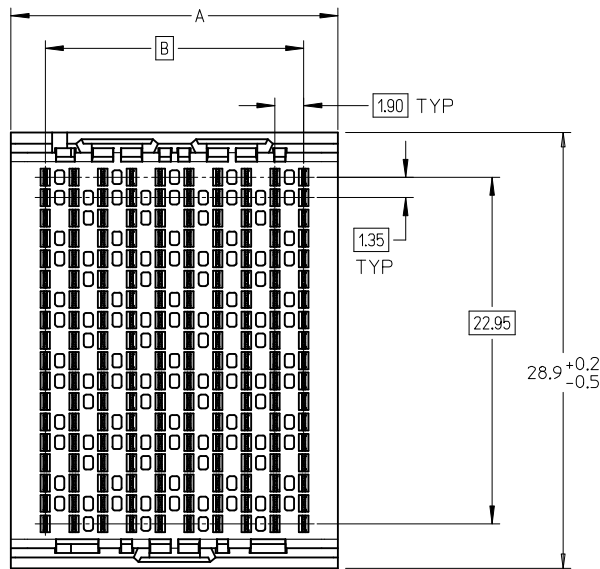


KEEP OUT ZONE

UNGUIDED
BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)
SEE NOTE 8

SEE PART NUMBER CHART
AND
PART NUMBER LOGIC
(18 HOLES PER COLUMN)

$\phi 0.10$

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-TBD 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. MATES WITH IMPACT DC SERIES NO. 172374.
7. REFER TO MOLEX PCB ROUTING GUIDE AS-TBD FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
8. *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.*

PART NUMBER LOGIC

172375-****

MODULE TYPE
1 = UNGUIDED, TIN

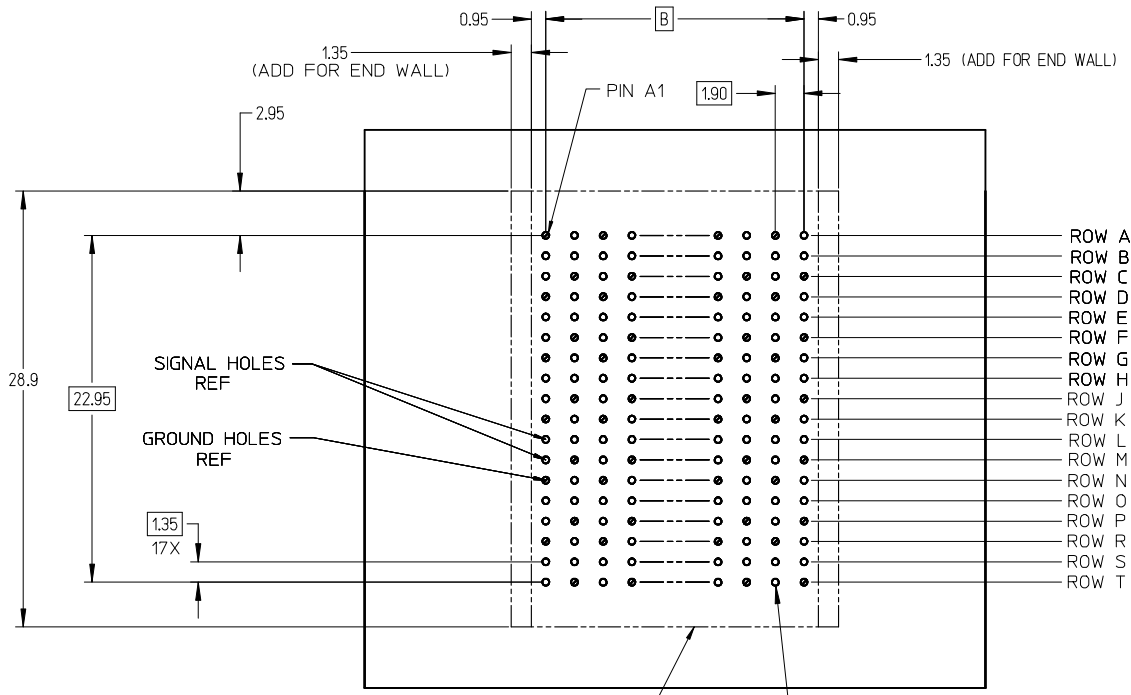
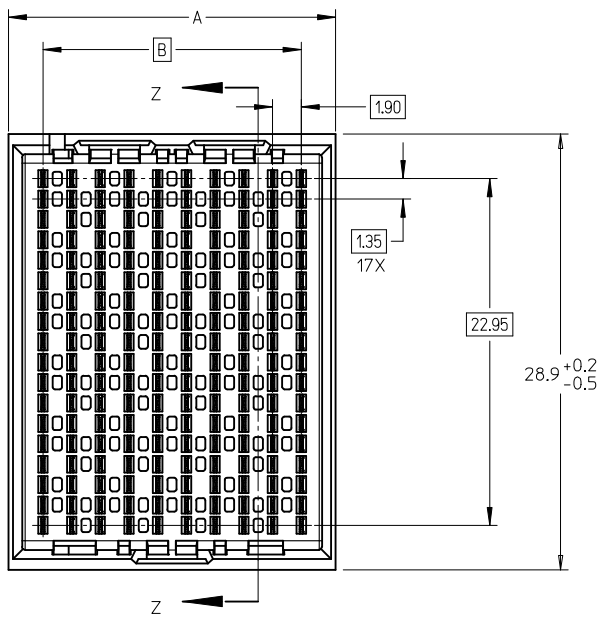
P = PIN LENGTH
7 = 4.90 (SMALL COMPL. PIN 0.36±0.05 PTH)

OF COLUMNS
7 = 14 COLUMN

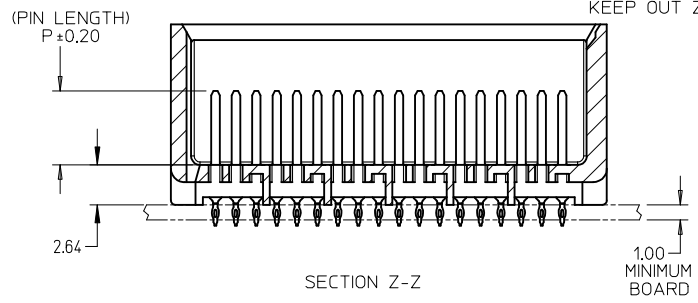
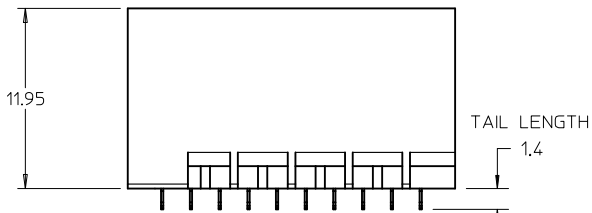
END WALL OPTIONS
0 = OPEN ENDS

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'
172375-1707	14	84	26.5	24.70

X - RELEASED EC NO: UCP2013-4229 DRWN: JLONG CHKD: APPR: JLONG REV	DESCRIPTION 2014/01/17 2014/01/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		4:1	METRIC		
				mm	INCH	DRAWN BY	DATE	TITLE		
			4 PLACES	± ---	± ---	MSANDBERG	2007/12/26	IMPACT ZX2 6 PAIR HEADER		
			3 PLACES	± ---	± ---	CHECKED BY	DATE	UNGUIDED ASSEMBLY		
			2 PLACES	± 0.13	± ---	JLONG	2014/01/17	SALES DRAWING		
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	molex		
			0 PLACE	±	±	JLAURX	2010/02/22			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-172375-0001			1 OF 1
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

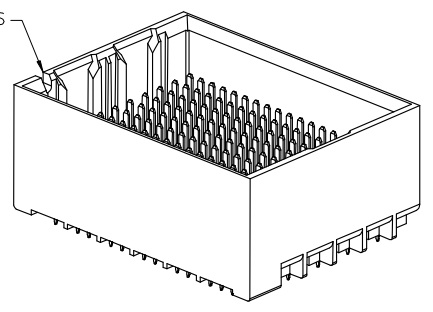


ROW A
ROW B
ROW C
ROW D
ROW E
ROW F
ROW G
ROW H
ROW J
ROW K
ROW L
ROW M
ROW N
ROW O
ROW P
ROW R
ROW S
ROW T



KEEP OUT ZONE
UNGUIDED BACKPLANE HOLE PATTERN (CONNECTOR SIDE) SEE NOTE 9
SEE PART NUMBER CHART AND PART NUMBER LOGIC (18 HOLES PER COLUMN)
 $\phi \pm 0.10$

NOTCH DESIGNATES ROW A

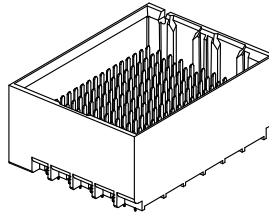


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND 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: UCP2014-0887 DRWN: BINGHAM 2013/08/25 CHKD: ILAURX 2013/08/25 APPR: ILAURX 2013/09/25 G1	DESCRIPTION REV	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 MSANDBERG	DATE 2007/12/26	TITLE IMPACT 6 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-76145-001 SHEET NO. 1 OF 3						
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2007/12/26							
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2010/02/22							
			2 PLACES	± 0.13	± ---									
			1 PLACE	± 0.25	± ---									
			0 PLACE	±	±									
						ANGULAR ±1/2°		MATERIAL NO.						
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

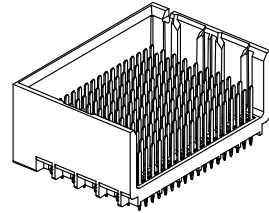
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	DUAL END WALL OPTION
76145-#12*	10	60	21.7	17.10	
76145-#72*	14	84	29.3	24.70	
76145-#62*	16	96	33.1	28.50	



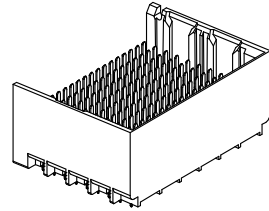
DUAL END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	LEFT END WALL OPTION
76145-#11*	10	60	20.3	17.10	
76145-#71*	14	84	27.9	24.70	
76145-#61*	16	96	31.7	28.50	



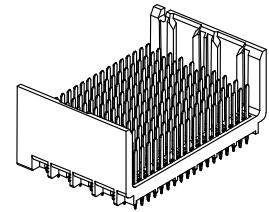
LEFT END
WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM 'A'	DIM 'B'	RIGHT END WALL OPTION
76145-#13*	10	60	20.3	17.10	
76145-#73*	14	84	27.9	24.70	
76145-#63*	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-#70*	14	84	26.5	24.70	
76145-#60*	16	96	30.3	28.50	



OPEN
WALL OPTION

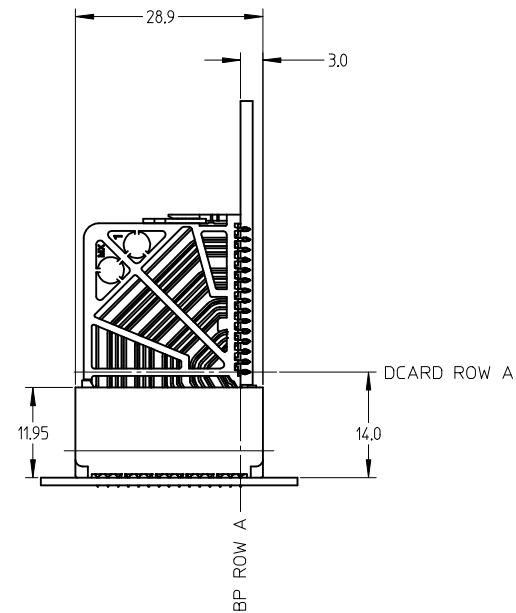
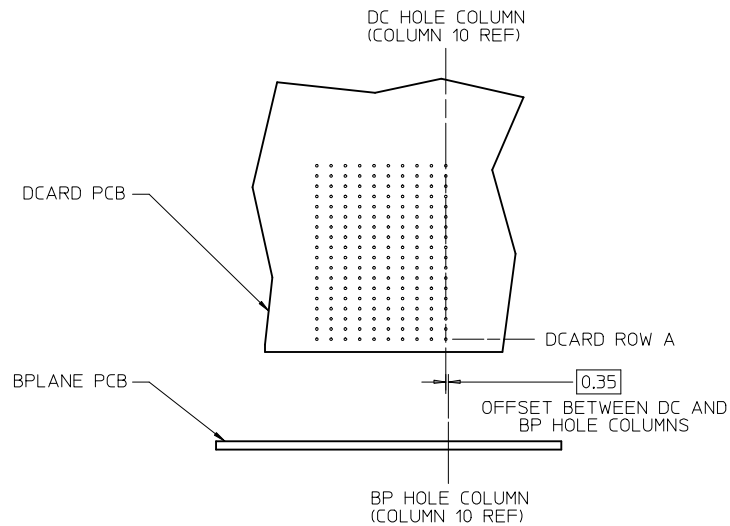
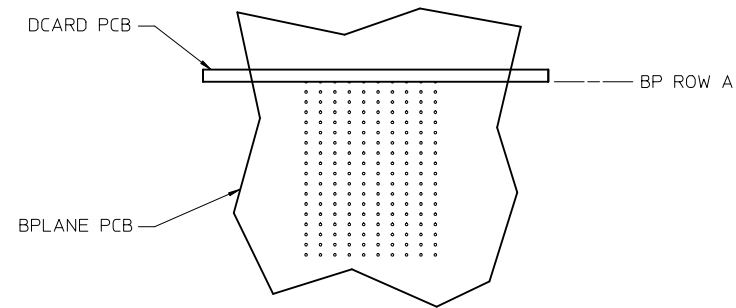
PART NUMBER LOGIC

76145-****

MODULE TYPE	P-PIN LENGTH
1 = UNGUIDED, TIN	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	END WALL OPTIONS
1 = 10 COLUMN	0 = OPEN ENDS
6 = 16 COLUMN	1 = LEFT END WALL
7 = 14 COLUMN	2 = DUAL END WALL
	3 = RIGHT END WALL

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

IMPACT 6 PAIR
BOARD RELATIONSHIPS



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