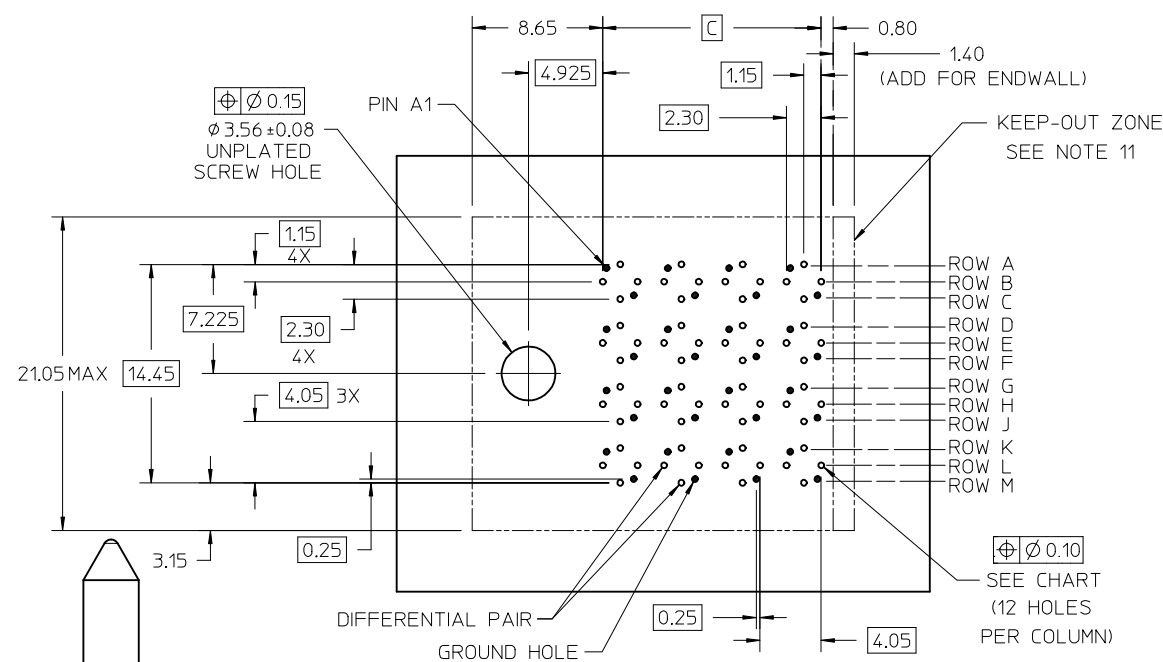
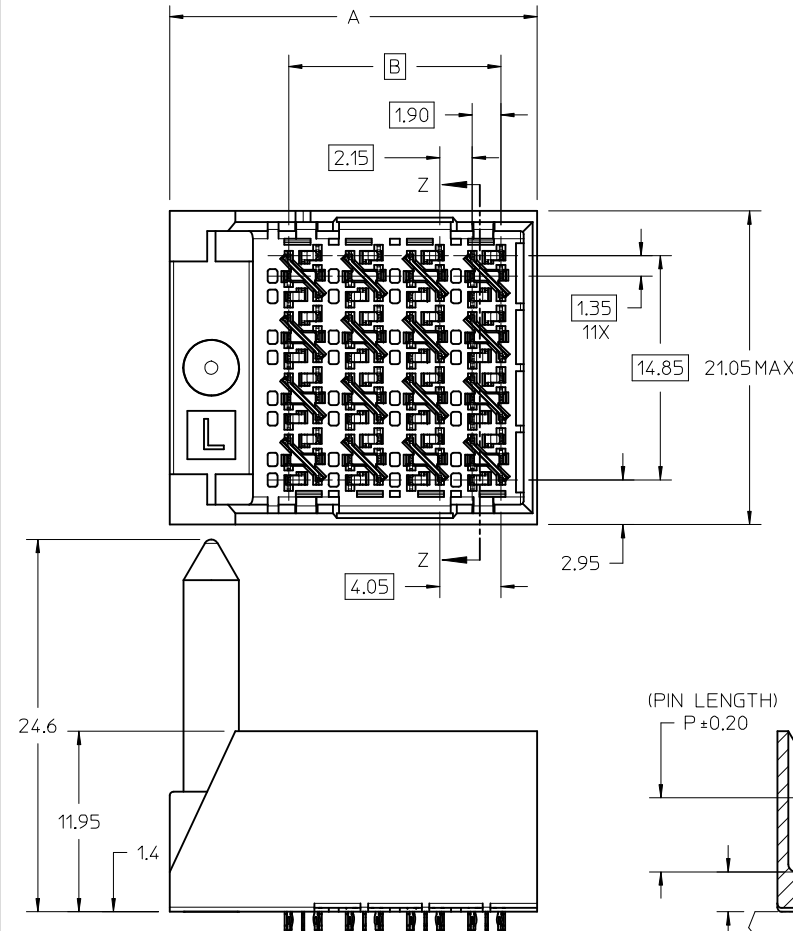
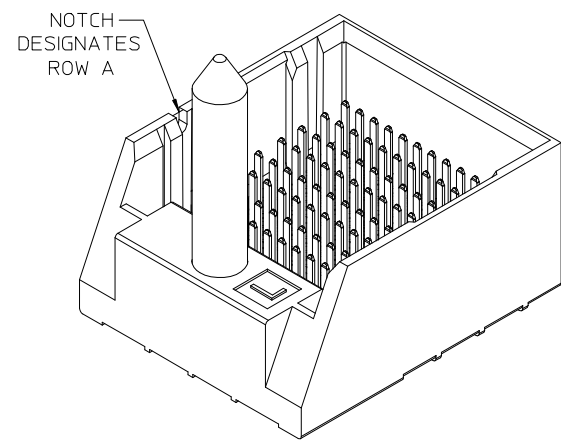
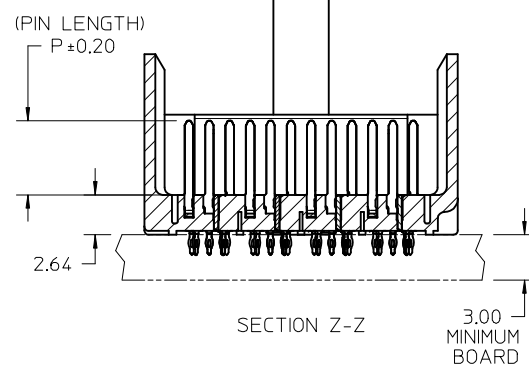




BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)



(ENDWALL VERSION SHOWN)



SECTION Z-Z

- 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 OR TIN-LEAD 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
COSMETIC SPEC PS-45499-002.
 5. PRODUCT IS PACKAGED PER PK-70873-764.
 6. SEE SHEETS 2 AND 3 FOR PART NUMBERS AND ORTHOGONAL PIN MAPPING.
 7. REFER TO MOLEX SALES DRAWING SD-76850-002 FOR THE MATING RECEPTACLES.
 8. THE KEEP-OUT ZONE FOR THE PART LENGTH INCLUDES AN ADDITIONAL 1.0mm
TO ACCOMMODATE FOR SPACE REQUIRED BY THE DAUGHTERCARD ASSEMBLY.
 9. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
 10. CONNECTORS ARE SUPPLIED WITH A 2-56 UNC-2A SCREW.
 11. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR
INSERTION AND REPAIR ON THE PC BOARD. THIS DOES NOT REPRESENT
THE ACTUAL PERIMETER OF THE CONNECTOR.

REVISE OVERALL HOUSING DIM. EC NO: UCP2013-0786 DRWN:GGA CHKD: APPR:TELO DATE: 2012/08/24 DATE: 2012/12/10	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 JLAURX	DATE 2009/02/12	TITLE	IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex DOCUMENT NO. SD-76845-002			
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	JMENDOZA	2010/01/13					
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE					
			1 PLACE	± 0.25	± ---	JB INGHAM	2010/01/14					
			0 PLACE	± ---	± ---	MATERIAL NO.		SHEET NO.				
			ANGULAR ± 1/2°		SEE CHART		SD-76845-002			1 OF 3		
			DRAFT WHERE APPLICABLE		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			MUST REMAIN		C							
WITHIN DIMENSIONS												

13 12 11 10 9 8 7 6 5 4 3 2 1

J

I

H

G

F

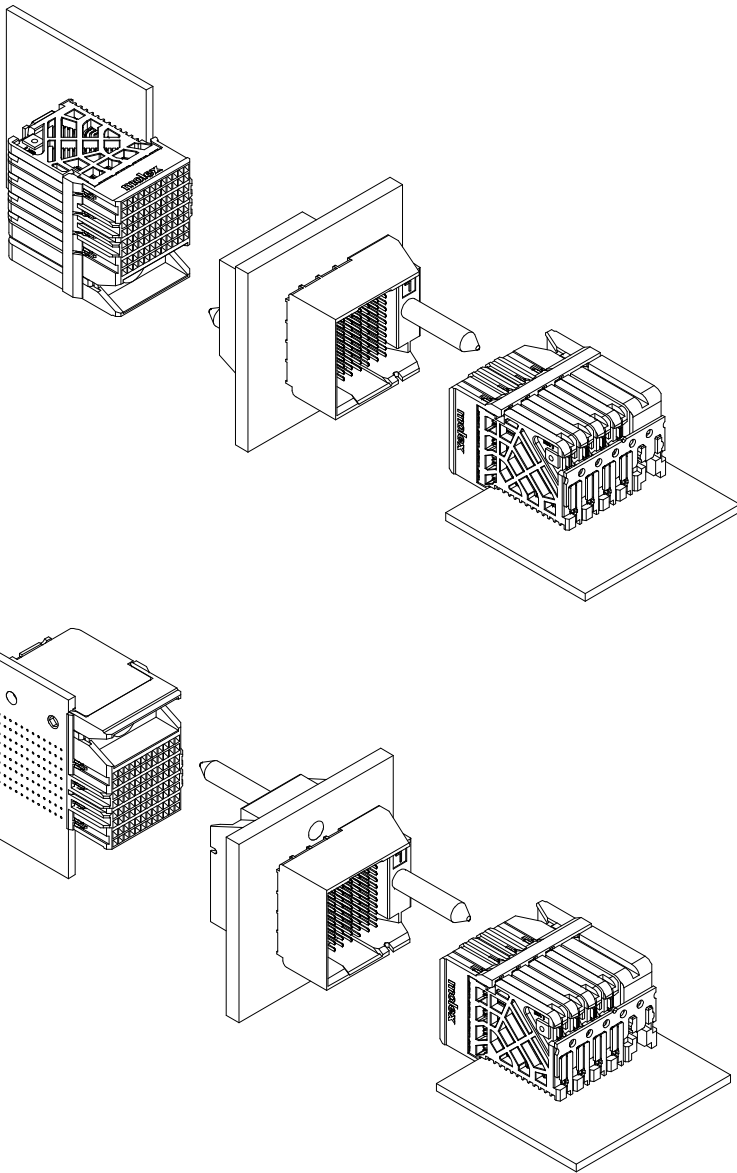
E

D

C

B

A



MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MODULE TYPE	DIM A	DIM B	DIM C
76845-*60*	6	24	NO ENDWALL	18,9	10,00	10,40
76845-*60*	6	24	WITH ENDWALL	20,3	10,00	10,40
76845-*80*	8	32	NO ENDWALL	22,9	14,05	14,45
76845-*80*	8	32	WITH ENDWALL	24,3	14,05	14,45
76845-*10*	10	40	NO ENDWALL	27,0	18,10	18,50
76845-*10*	10	40	WITH ENDWALL	28,4	18,10	18,50

76845-* * 0 *

MODULE & TAIL PLATING TYPE

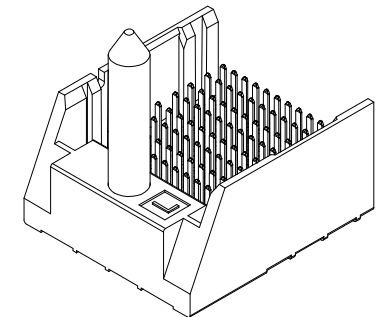
- 2 = GUIDE LEFT NO ENDWALL, TIN/LEAD
- 3 = GUIDE LEFT NO ENDWALL, TIN
- 6 = GUIDE LEFT ENDWALL, TIN/LEAD
- 7 = GUIDE LEFT ENDWALL, TIN

PIN LENGTH (P)

- 4 = 4.90 (0.46 PTH)
- 5 = 5.50 (0.46 PTH)
- 7 = 4.90 (0.39 PTH)
- 8 = 5.50 (0.39 PTH)

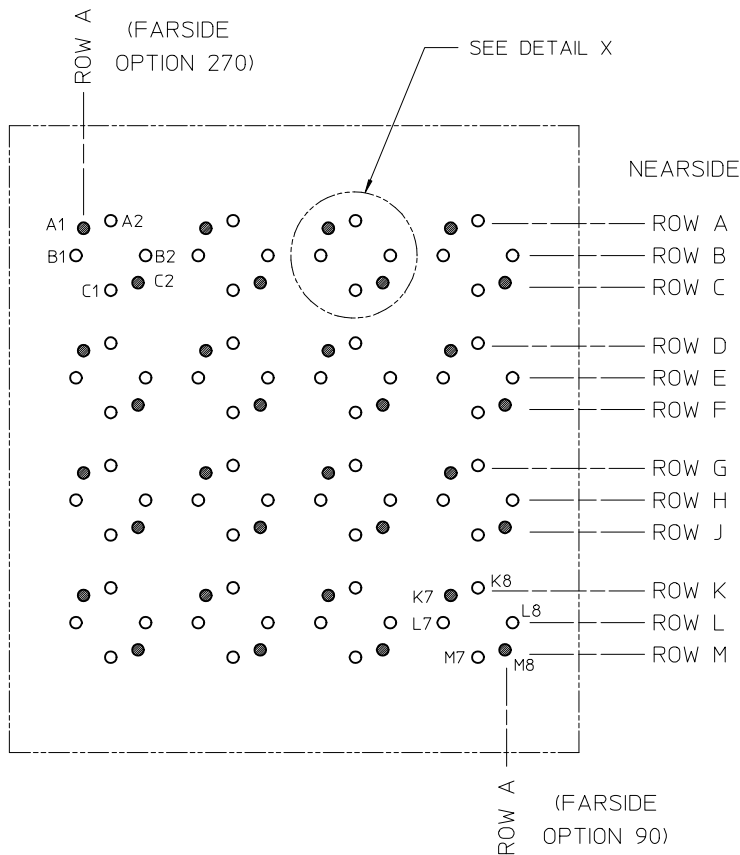
OF COLUMNS

- 6 = 6 COLUMNS
- 8 = 8 COLUMNS
- 1 = 10 COLUMNS

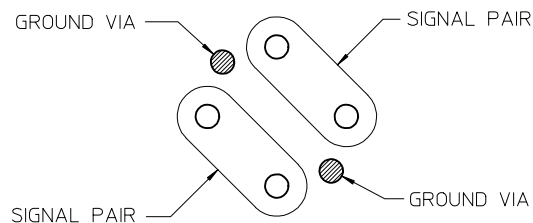


OPEN END OPTION

SEE SHEET 1 EC NO: UCP2013-0786 DRWN:GGA CHKD: APPR:TELO	2012/08/24 2012/12/10	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				4 PLACES	mm	INCH	DRAWN BY JLAURX	DATE 2009/02/12	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG	DOCUMENT NO. SD-76845-002		SHEET NO. 2 OF 3
					3 PLACES	mm	INCH	CHECKED BY JMENDOZA				
				2 PLACES	± 0.13	± ---	APPROVED BY JB INGHAM	DATE 2010/01/14				
				1 PLACE	± 0.25	± ---						
				0 PLACE	± ---	± ---	MATERIAL NO. SEE CHART		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
				ANGULAR ±1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



MIDPLANE PCB LAYOUT



DETAIL X
SCALE 16:1

ORTHO PIN MAPPING

OPTION 270 (NEARSIDE - FARSIDE)

(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1	(A7-K1)	A8-L1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1	B7-K2	B8-M1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)	C7-L2	(C8-M2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3	(D7-K3)	D8-L3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3	E7-K4	E8-M3
F1-B4	(F2-C4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)	F7-L4	(F8-M4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5	(G7-K5)	G8-L5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5	H7-K6	H8-M5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)	J7-L6	(J8-M6)
(K1-A7)	K2-B7	(K3-D7)	K4-E7	(K5-G7)	K6-H7	(K7-K7)	K8-L7
L1-A8	L2-C7	L3-D8	L4-F7	L5-G8	L6-J7	L7-K8	L8-M7
M1-B8	(M2-C8)	M3-E8	(M4-F8)	M5-H8	(M6-J8)	M7-L8	(M8-M8)

ORTHO PIN MAPPING

OPTION 90 (NEARSIDE - FARSIDE)

(A1-M8)	A2-L8	(A3-J8)	A4-H8	(A5-F8)	A6-E8	(A7-C8)	A8-B8
B1-M7	B2-K8	B3-J7	B4-G8	B5-F7	B6-D8	B7-C7	B8-A8
C1-L7	(C2-K7)	C3-H7	(C4-G7)	C5-E7	(C6-D7)	C7-B7	(C8-A7)
(D1-M6)	D2-L6	(D3-J6)	D4-H6	(D5-F6)	D6-E6	(D7-C6)	D8-B6
E1-M5	E2-K6	E3-J5	E4-G6	E5-F5	E6-D6	E7-C5	E8-A6
F1-L5	(F2-K5)	F3-H5	(F4-G5)	F5-E5	(F6-D5)	F7-B5	(F8-A5)
(G1-M4)	G2-L4	(G3-J4)	G4-H4	(G5-F4)	G6-E4	(G7-C4)	G8-B4
H1-M3	H2-K4	H3-J3	H4-G4	H5-F3	H6-D4	H7-C3	H8-A4
J1-L3	(J2-K3)	J3-H3	(J4-G3)	J5-E3	(J6-D3)	J7-B3	(J8-A3)
(K1-M2)	K2-L2	(K3-J2)	K4-H2	(K5-F2)	K6-E2	(K7-C2)	K8-B2
L1-M1	L2-K2	L3-J1	L4-G2	L5-F1	L6-D2	L7-C1	L8-A2
M1-L1	(M2-K1)	M3-H1	(M4-G1)	M5-E1	(M6-D1)	M7-B1	(M8-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.

PINOUTS SHOWN ARE FOR SQUARE (8 COLUMN) PATTERN ONLY.

SEE SHEET 1 EC NO: UCP2013-0786 DRWN:GGA 2012/08/24 CHKD: APPR:TELO 2012/12/10	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG
				mm	INCH	DRAWN BY JLAURX	DATE 2009/02/12			
		 =0	4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2010/01/13	molex		
		 =0	3 PLACES	± ---	± ---	APPROVED BY JB INGHAM	DATE 2010/01/14			
		 =0	2 PLACES	± 0.13	± ---	MATERIAL NO.			DOCUMENT NO.	
			1 PLACE	± 0.25	± ---	SEE CHART			SD-76845-002	
			0 PLACE	± ---	± ---	SIZE			3 OF 3	
		ANGULAR ±1/2°		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				