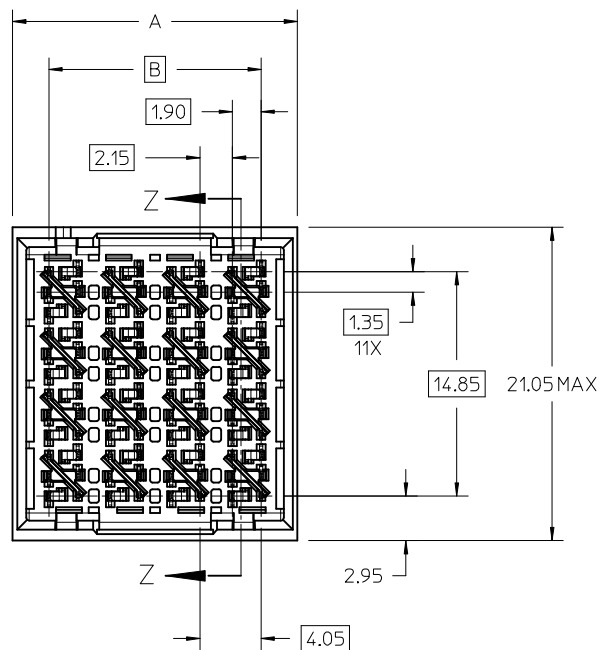
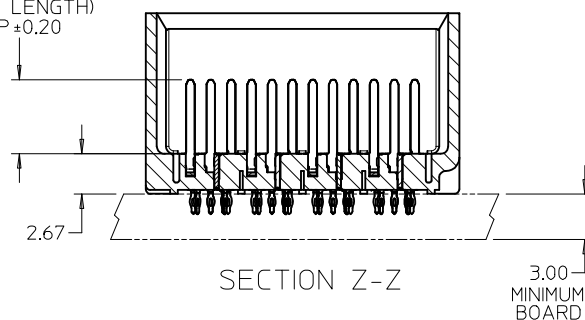
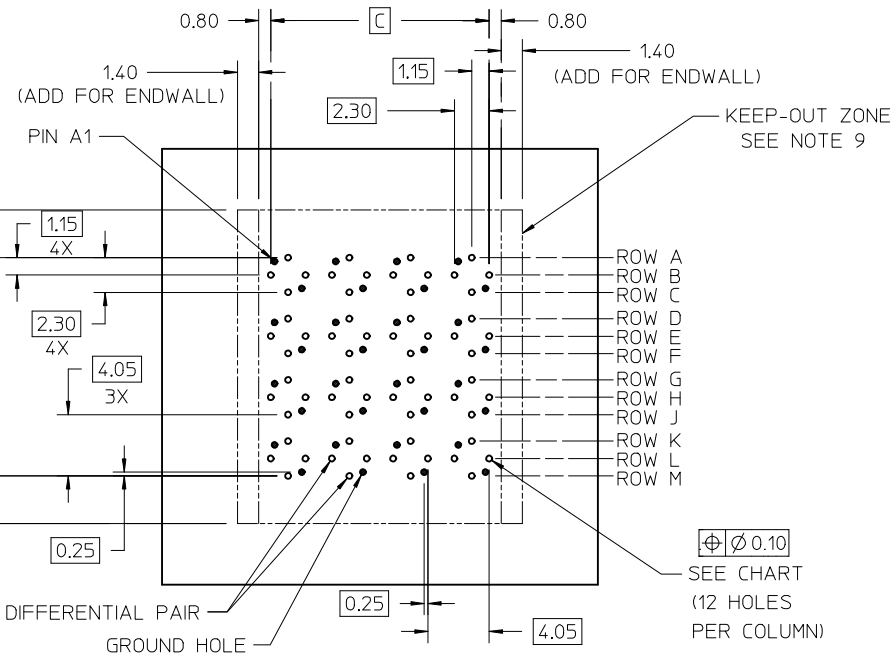


(PIN LENGTH)
P±0.20

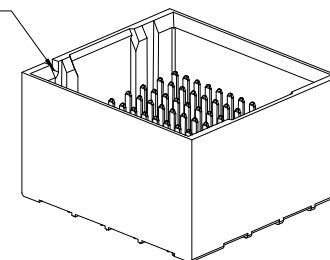


SECTION Z-Z



BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)

NOTCH DESIGNATES
ROW A



(DUAL ENDWALL SHOWN)

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-70873-7706.
6. SEE SHEETS 2 AND 3 FOR PART NUMBERS AND ORTHOGONAL PIN MAPPING.
7. REFER TO MOLEX SALES DRAWING SD-76850-001 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
- 9.*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.*

REV	DESCRIPTION	DATE	QUALITY SYMBOLS
REVISE OVERALL HOUSING DIM.	EC NO: UCP2013-0786	2012/08/24	
	DRWN:GGA	2012/08/24	
	CHKD:		
	APPR:TELO	2012/12/10	

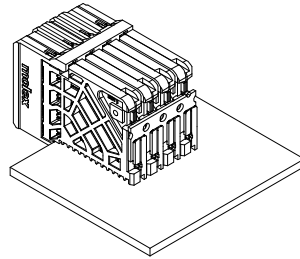
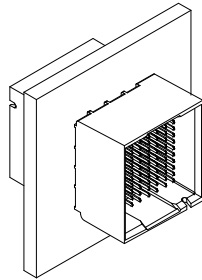
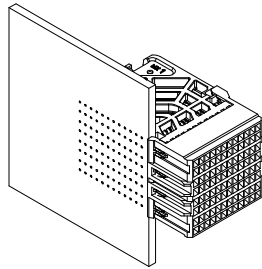
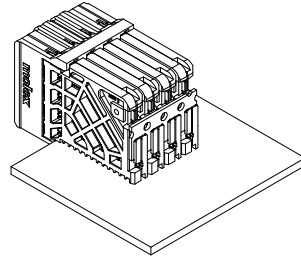
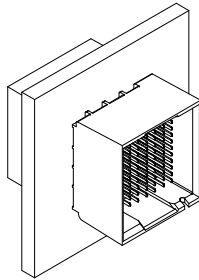
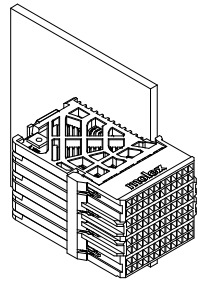
GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.13	± ---
1 PLACE ± 0.25	± ---
0 PLACE ± ---	± ---
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
JLAURX	2008/12/09
CHECKED BY	DATE
JMENDOZA	2010/01/13
APPROVED BY	DATE
JB INGHAM	2010/01/14
MATERIAL NO.	
SEE CHART	
SIZE	
C	

SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION
4:1	METRIC		
TITLE			
IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING			
molex			
DOCUMENT NO.		SHEET NO.	
SD-76845-001		1 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

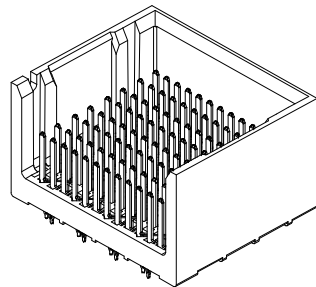
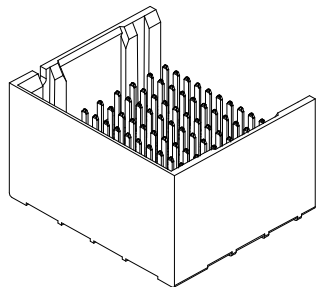
ORTHO OPTION 270

NEAR SIDE PIN A1 MAPS
TO FAR SIDE PIN A1



ORTHO OPTION 90

NEAR SIDE PIN A1 MAPS
TO FAR SIDE PIN M8
(FOR SQUARE PATTERN)



(LEFT END WALL SHOWN)

(RIGHT END WALL SHOWN)

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM A	DIM B	DIM C
76845-*60*	6	24	12.0	10.00	10.40
76845-*61*	6	24	13.4	10.00	10.40
76845-*62*	6	24	14.8	10.00	10.40
76845-*63*	6	24	13.4	10.00	10.40
76845-*80*	8	32	16.1	14.05	14.45
76845-*81*	8	32	17.5	14.05	14.45
76845-*82*	8	32	18.9	14.05	14.45
76845-*83*	8	32	17.5	14.05	14.45
76845-*10*	10	40	20.1	18.10	18.50
76845-*11*	10	40	21.5	18.10	18.50
76845-*12*	10	40	22.9	18.10	18.50
76845-*13*	10	40	21.5	18.10	18.50

MODULE & TAIL PLATING TYPE

0 = UNGUIDED, TIN/LEAD

1 = UNGUIDED, TIN

OF COLUMNS

6 = 6 COLUMN

8 = 8 COLUMN

1 = 10 COLUMN

76845-***

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)

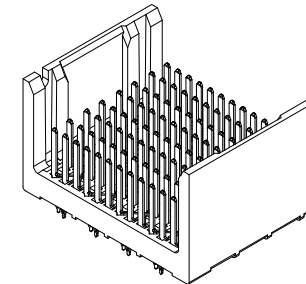
ENDWALL OPTIONS

0 = OPEN ENDS

1 = LEFT ENDWALL

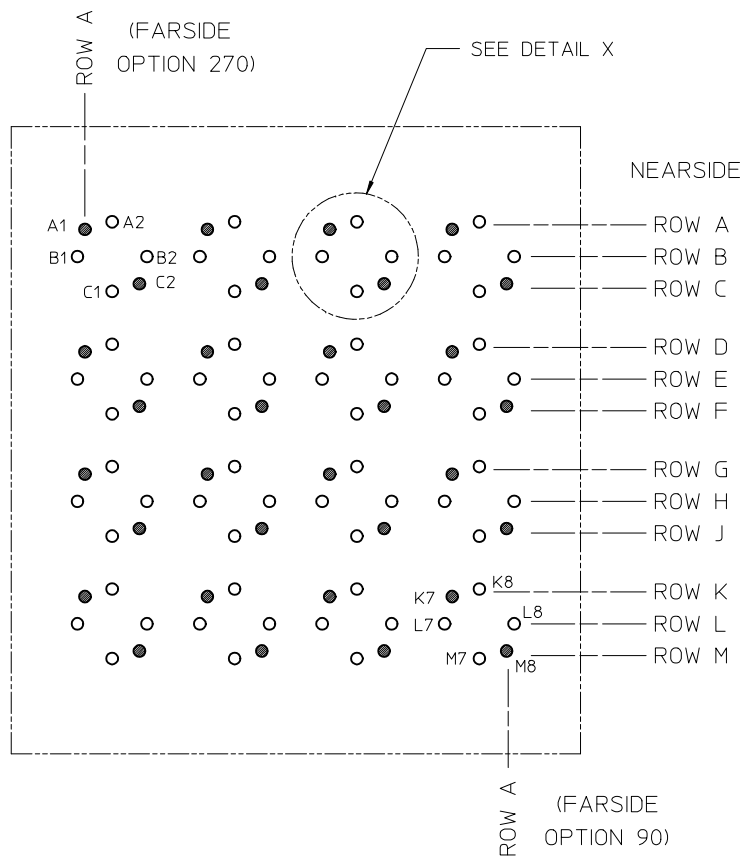
2 = DUAL ENDWALL

3 = RIGHT ENDWALL

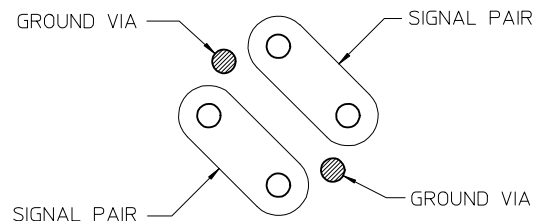


(OPEN END OPTION SHOWN)

SEE SHEET 1 EC NO: UCP2013-0786 2012/08/24 DRAWN: GGA CHKD: TEL APPR: TEL 2012/12/10	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 JLAURX	DATE 2008/12/09	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING molex		DOCUMENT NO. SD-76845-001	SHEET NO. 2 OF 3	
			4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2010/01/13					
			3 PLACES	± ---	± ---	APPROVED BY JB INGHAM	DATE 2010/01/14					
			2 PLACES	± 0.13	± ---							
			1 PLACE	± 0.25	± ---							
			0 PLACE	± ---	± ---							
			ANGULAR ±1/2°			MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART						
						SIZE		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 DRWNGGA 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	
				mm	INCH	DRAWN BY JLAURX	DATE 2008/12/09	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING			
			4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2010/01/13	 DOCUMENT NO. SD-76845-001			
			3 PLACES	± ---	± ---	APPROVED BY JB INGHAM	DATE 2010/01/14				SHEET NO. 3 OF 3
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART					
			1 PLACE	± 0.25	± ---	DOCUMENT NO. SD-76845-001					
			0 PLACE	± ---	± ---						
			ANGULAR ± 1/2°								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			