

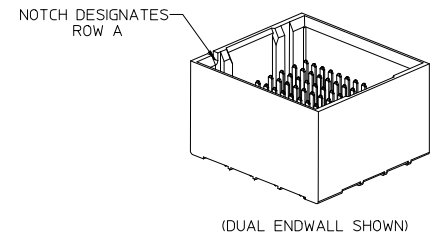
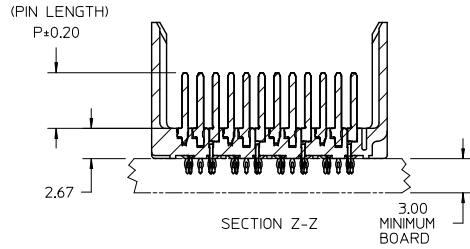
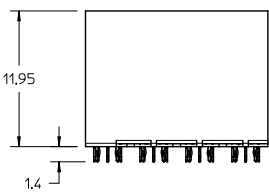
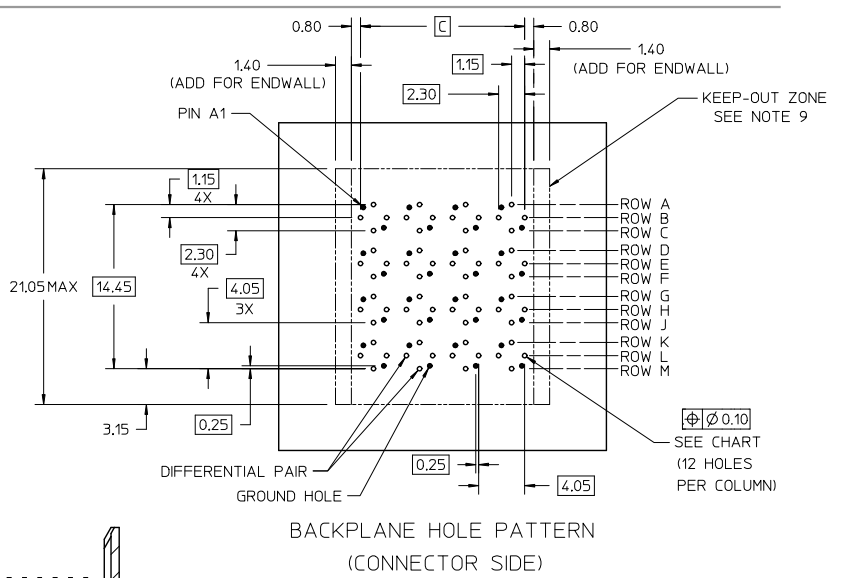
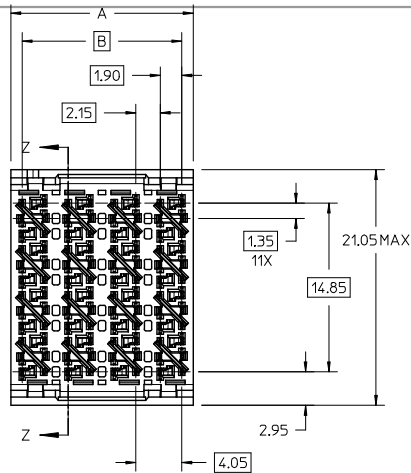
## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0768451805](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

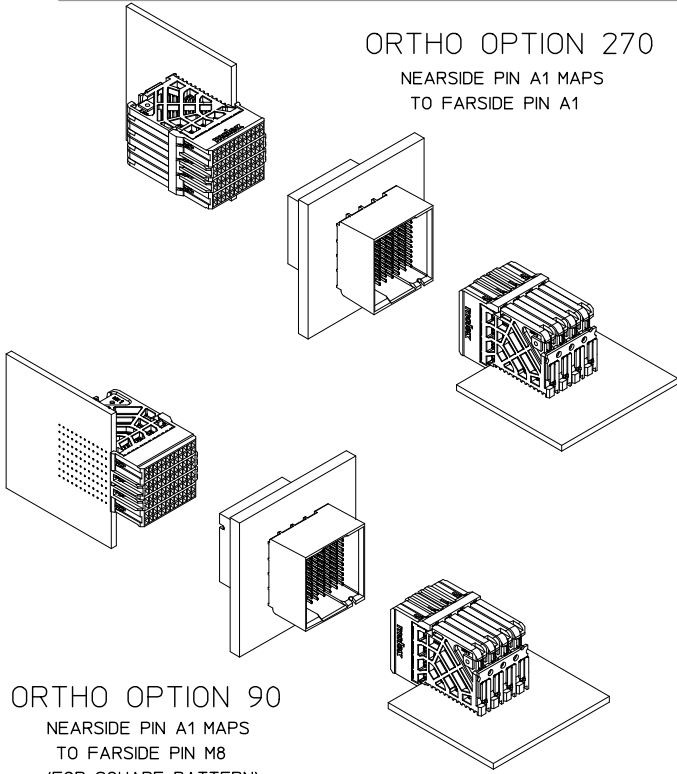


- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  2. FINISH: 30μ MIN GOLD IN CONTACT AREA,  
SELECTIVE TIN OR TIN-LEAD ON PCB TAILS,  
NICKEL OVERALL.
  3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999  
FOR PERFORMANCE 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.\*

UPDATED VIEWS EC NO: UCP2014-2698 DRAWN BY: JLAURX CHKD: JMENDOZA APPR: JEBINGHAM DATE: 2013/04/04 DATE: 2010/01/13 DATE: 2010/01/14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	0 PLACE ± --- ± ---	DRAWN BY JLAURX	DATE 2008/12/09	CHECKED BY JMENDOZA	DATE 2010/01/13	APPROVED BY JEBINGHAM	DATE 2010/01/14	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING
		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-76845-001		SHEET NO. 1 OF 3			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

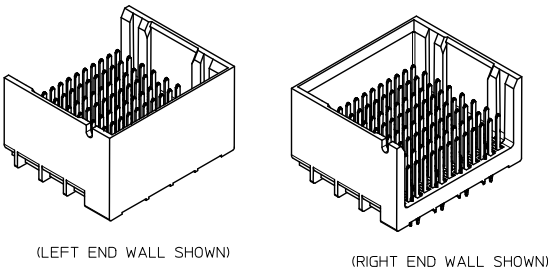
### ORTHO OPTION 270

NEAR SIDE PIN A1 MAPS TO FAR SIDE PIN A1



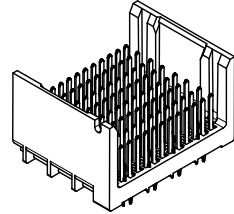
### ORTHO OPTION 90

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



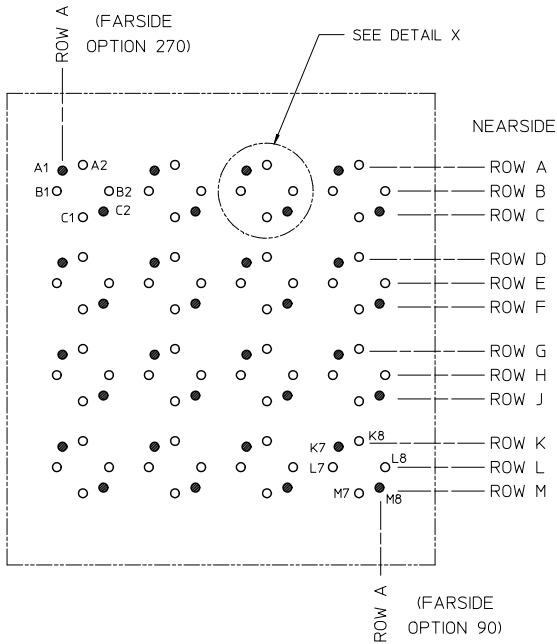
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM A	DIM B	DIM C
76845-*60*	6	24	12.0	10.00	10.40
76845-*61*	6	24	13.4	10.00	10.40
76845-*62*	6	24	14.8	10.00	10.40
76845-*63*	6	24	13.4	10.00	10.40
76845-*80*	8	32	16.1	14.05	14.45
76845-*81*	8	32	17.5	14.05	14.45
76845-*82*	8	32	18.9	14.05	14.45
76845-*83*	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

76845-\*\*\*  
 MODULE & TAIL PLATING TYPE  
 0 = UNGUIDED, TIN/LEAD  
 1 = UNGUIDED, TIN  
 # OF COLUMNS  
 6 = 6 COLUMN  
 8 = 8 COLUMN  
 1 = 10 COLUMN  
 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

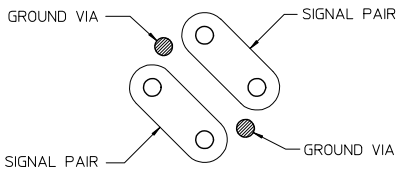


(OPEN END OPTION SHOWN)

SEE SHEET 1 EC NO: UCP2014-2698 DRAWN BY: JLAURX CHKD: JMENDOZA APPR: JBINGHAM DATE: 2013/04/04 DATE: 2010/01/13 DATE: 2010/01/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	MM ONLY	4:1	METRIC	
	DESCRIPTION	ANGULAR ± 1/2°	DATE	TITLE	IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING	
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DATE	DOCUMENT NO.	 SD-76845-001	



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: UCP2014-2698 DRAWN BY: ZY101 2015/04/04 CHKD: APPR: TELD 2015/03/24	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ±	---	---	DRAWN BY JLAURX	DATE 2008/12/09	IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING 		
		3 PLACES ±	---	---	CHECKED BY JMENDOZA	DATE 2010/01/13			
		2 PLACES ±	0.13	---	APPROVED BY	DATE			
1 PLACE ±	0.25	---	JBINGHAM	2010/01/14					
0 PLACE ±	---	---	ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-76845-001		3 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									