

Excellent Integrated System Limited

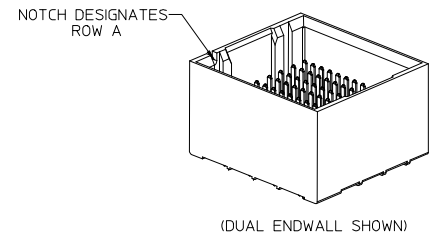
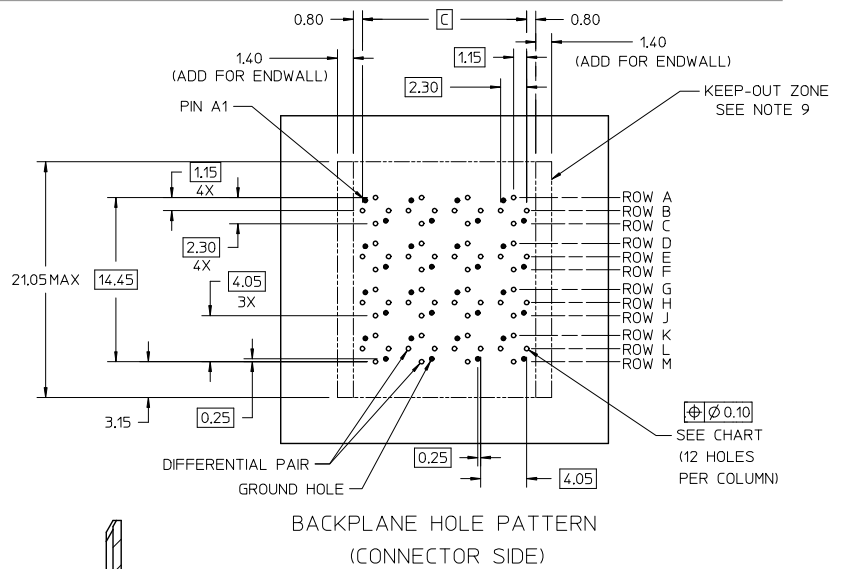
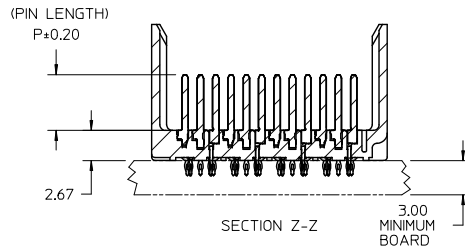
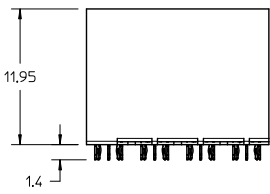
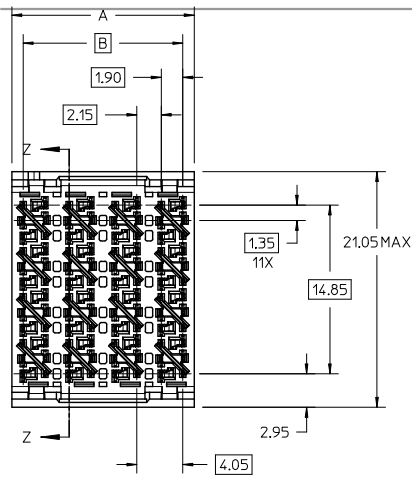
Stocking Distributor

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

[Molex Connector Corporation](#)
[0768451118](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



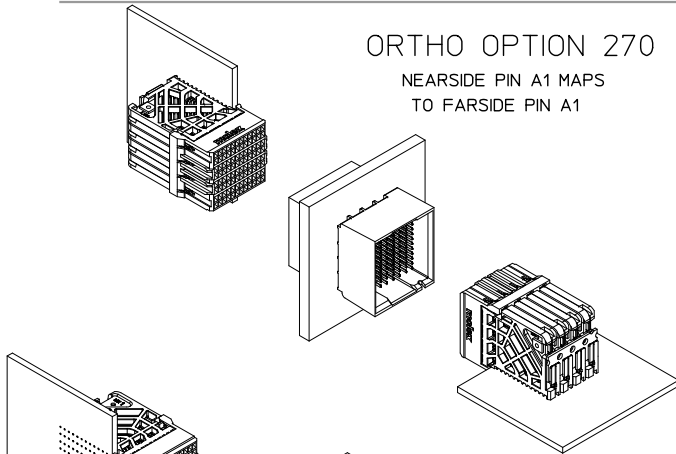
NOTES:

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: J2101 CHKD: APPR: TEL: 2015/03/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES	±	---	---	DRAWN BY	DATE	IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING	
	▽=0	3 PLACES	±	---	---	CHECKED BY	DATE		
	▽=0	2 PLACES	±	---	---	JMENDOZA	2010/01/13		
		1 PLACE	±	0.13	---	APPROVED BY	DATE		
		0 PLACE	±	0.25	---	JB INGHAM	2010/01/14		
			±	---	---	MATERIAL NO.		DOCUMENT NO.	
						SEE CHART		SD-76845-001	
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 3	

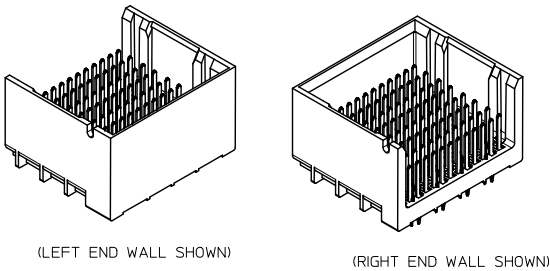
ORTHO OPTION 270

NEAR SIDE PIN A1 MAPS
TO FAR SIDE PIN A1



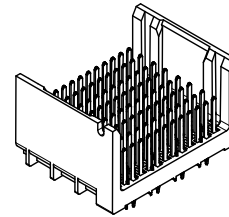
ORTHO OPTION 90

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



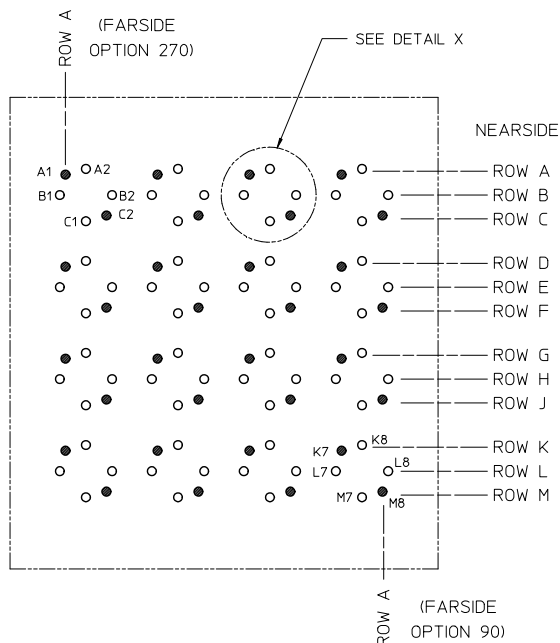
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM A	DIM B	DIM C
76845-60*	6	24	12.0	10.00	10.40
76845-61*	6	24	13.4	10.00	10.40
76845-62*	6	24	14.8	10.00	10.40
76845-63*	6	24	13.4	10.00	10.40
76845-80*	8	32	16.1	14.05	14.45
76845-81*	8	32	17.5	14.05	14.45
76845-82*	8	32	18.9	14.05	14.45
76845-83*	8	32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

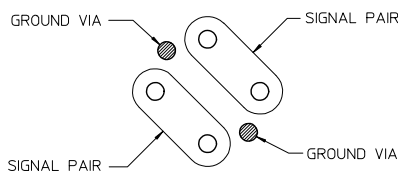


(OPEN END OPTION SHOWN)

SEE SHEET 1 EC NO: UCP2014-2698 DRAWN BY: JLAURX CHKD: JMENDOZA APPR: TEL REV: 2015/03/24	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± 0.13 ± 0.005 3 PLACES ± 0.25 ± 0.010 2 PLACES ± 0.50 ± 0.020 1 PLACE ± 1.27 ± 0.050 0 PLACE ± 2.54 ± 0.100 ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: JLAURX CHECKED BY: JMENDOZA APPROVED BY: JBINGHAM DATE: 2008/12/09 DATE: 2010/01/13 DATE: 2010/01/14	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING molex SD-76845-001	SHEET NO. 2 OF 3



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: UCP2074-2698 DRAWN BY: J101 2010/01/04 CHKD: 2010/01/04 APPR: TEL 2010/01/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽ ▽ ▽ ▽ ▽		mm	INCH	DRAWN BY	DATE	IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY UNGUIDED SALES DRAWING molex		
		4 PLACES	±	±	JLAUR	2008/12/09			
		3 PLACES	±	±	CHECKED BY	DATE			
		2 PLACES	±0.13	±	JMENDOZA	2010/01/13			
		1 PLACE	±0.25	±	APPROVED BY	DATE			
		0 PLACE	±	±	JBINGHAM	2010/01/14	SD-76845-001		
	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		3 OF 3	
	REV	SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							