

Excellent Integrated System Limited

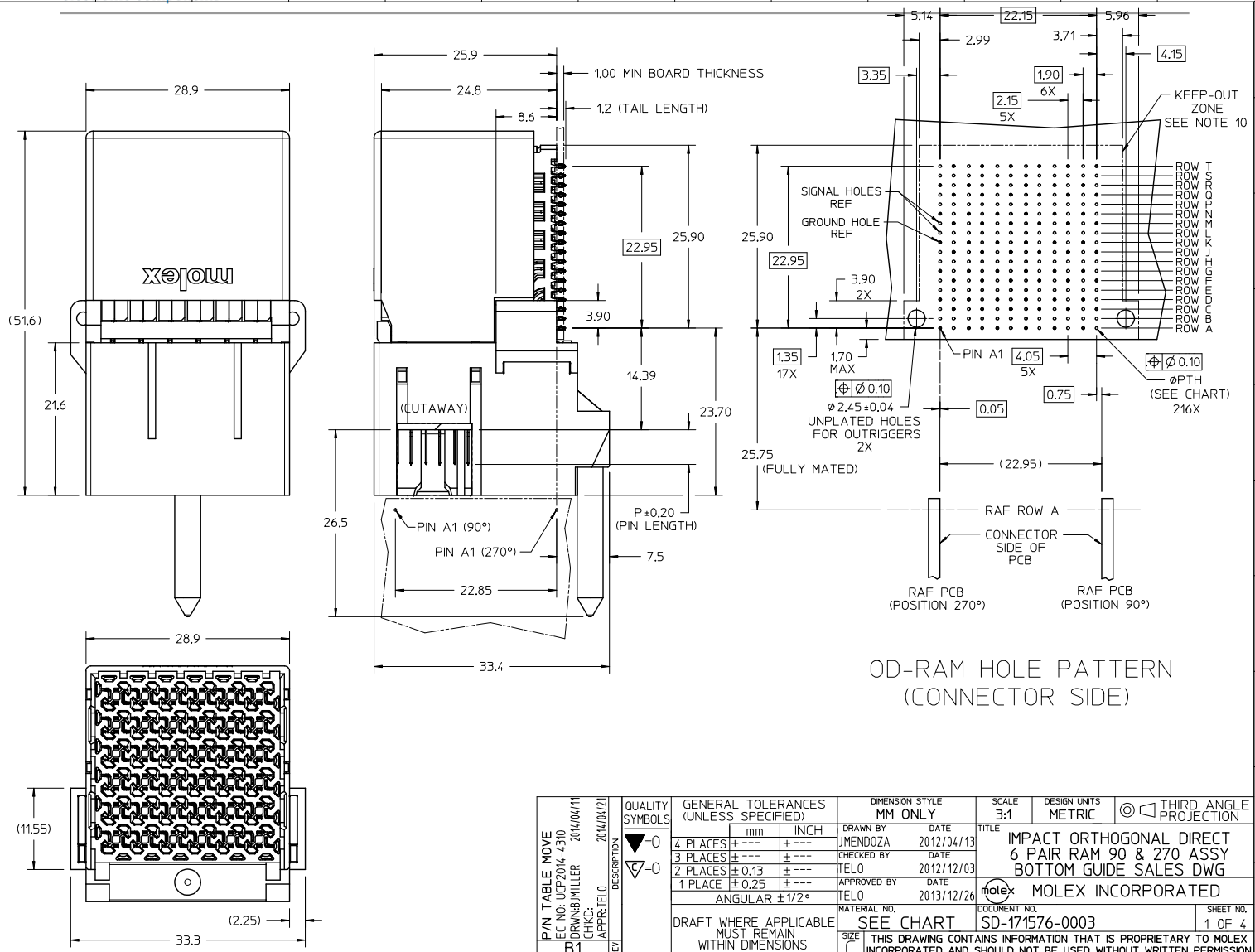
Stocking Distributor

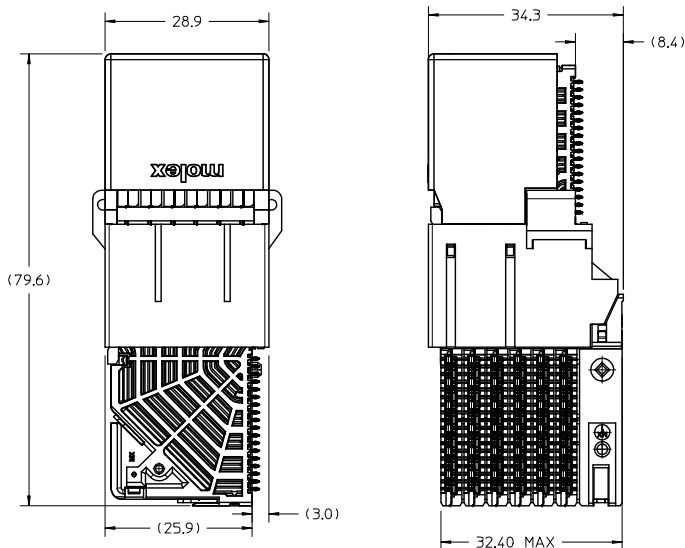
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[1715769204](#)

For any questions, you can email us directly:

sales@integrated-circuit.com





MATED DIMENSIONS
(POSITION 90° SHOWN)

NOTES:

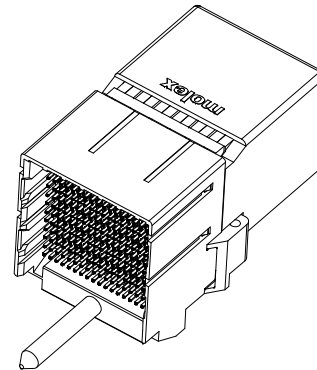
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-8025.
6. SEE SHEETS 3 AND 4 FOR ORTHOGONAL PIN MAPPING.
7. REFER TO SHEET 3 AND 4 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
9. CONNECTORS ARE SUPPLIED WITH TWO 2-32 THREAD FORMING
SCREWS.
10. 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.

MODULE TYPE 171576-92**
9 = BOTTOM GUIDED, TIN

OF COLUMNS
2 = 12 COLUMN

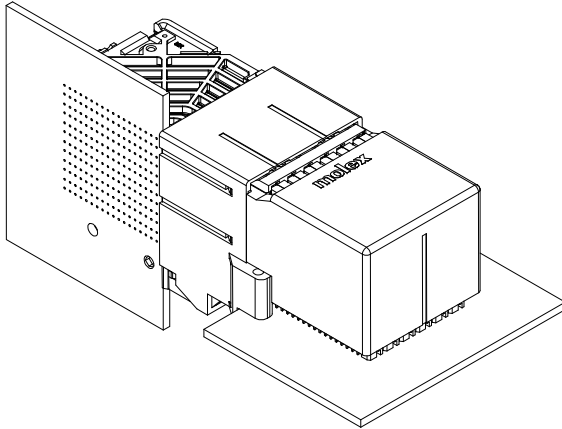
PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

MATE POSITION
0 = 90 DEGREE
3 = 270 DEGREE



SEE SHEET 1 EC NO: UCP2014-4310 DRAWN BY MILLER B1	2014/04/11	DESCRIPTION CHKD: TEL APPR: TEL	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	2014/04/21									
	▽=0		mm	INCH	DRAWN BY	DATE	IMPACT ORTHOGONAL DIRECT 6 PAIR RAM 90 & 270 ASSY BOTTOM GUIDE SALES DWG			
	▽=0		4 PLACES ±---	±---	JMENDOZA	2012/04/13				
			3 PLACES ±---	±---	CHECKED BY	DATE				
			2 PLACES ±0.13	±---	TELO	2012/12/03				
			1 PLACE ±0.25	±---	APPROVED BY	DATE				
			ANGULAR ±1/2°		TELO	2013/12/26	 MOLEX INCORPORATED			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-171576-0003	SHEET NO. 2 OF 4		
					SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

ORTHO POSITION 90°

OD-RAM PIN A1 MAPS
TO RAF PIN T12REFER TO MOLEX SALES DRAWING SD-76290-004
FOR MATING RECEPTACLES.

ORTHO PIN MAPPING

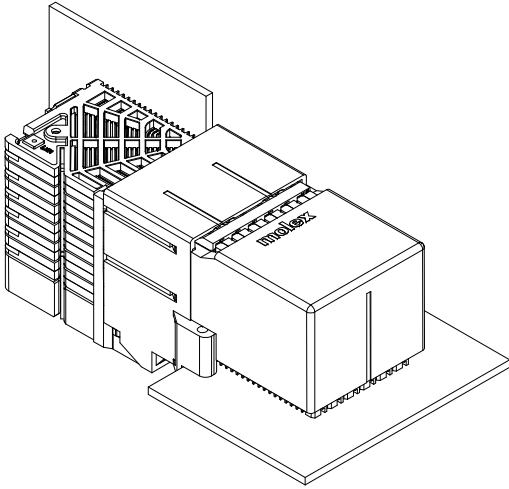
OPTION 90 (NEAR SIDE - FAR SIDE)

(A1-T12)	A2-S12	(A3-Q12)	A4-P12	(A5-M12)	A6-L12	(A7-J12)	A8-H12	(A9-F12)	A10-E12	(A11-C12)	A12-B12
B1-T11	B2-R12	B3-Q11	B4-N12	B5-M11	B6-K12	B7-J11	B8-G12	B9-F11	B10-D12	B11-C11	B12-A12
C1-S11	(C2-R11)	C3-P11	(C4-N11)	C5-L11	(C6-K11)	C7-H11	(C8-G11)	C9-E11	(C10-D11)	C11-B11	(C12-A11)
(D1-T10)	D2-S10	(D3-Q10)	D4-P10	(D5-M10)	D6-L10	(D7-J10)	D8-H10	(D9-F10)	D10-E10	(D11-C10)	D12-B10
E1-T9	E2-R10	E3-Q9	E4-N10	E5-M9	E6-K10	E7-J9	E8-G10	E9-F9	E10-D10	E11-C9	E12-A10
F1-S9	(F2-R9)	F3-P9	(F4-N9)	F5-L9	(F6-K9)	F7-H9	(F8-G9)	F9-E9	(F10-D9)	F11-B9	(F12-A9)
(G1-T8)	G2-S8	(G3-Q8)	G4-P8	(G5-M8)	G6-L8	(G7-J8)	G8-H8	(G9-F8)	G10-E8	(G11-C8)	G12-B8
H1-T7	H2-R8	H3-Q7	H4-N8	H5-M7	H6-K8	H7-J7	H8-G8	H9-F7	H10-D8	H11-C7	H12-A8
J1-S7	(J2-R7)	J3-P7	(J4-N7)	J5-L7	(J6-K7)	J7-H7	(J8-G7)	J9-E7	(J10-D7)	J11-B7	(J12-A7)
(K1-T6)	K2-S6	(K3-Q6)	K4-P6	(K5-M6)	K6-L6	(K7-J6)	K8-H6	(K9-F6)	K10-E6	(K11-C6)	K12-B6
L1-T5	L2-R6	L3-Q5	L4-N6	L5-M5	L6-K6	L7-J5	L8-G6	L9-F5	L10-D6	L11-C5	L12-A6
M1-S5	(M2-R5)	M3-P5	(M4-N5)	M5-L5	(M6-K5)	M7-H5	(M8-G5)	M9-E5	(M10-D5)	M11-B5	(M12-A5)
(N1-T4)	N2-S4	(N3-Q4)	N4-P4	(N5-M4)	N6-L4	(N7-J4)	N8-H4	(N9-F4)	N10-E4	(N11-C4)	N12-B4
P1-T3	P2-R4	P3-Q3	P4-N4	P5-M3	P6-K4	P7-J3	P8-G4	P9-F3	P10-D4	P11-C3	P12-A4
Q1-S3	(Q2-R3)	Q3-P3	(Q4-N3)	Q5-L3	(Q6-K3)	Q7-H3	(Q8-G3)	Q9-E3	(Q10-D3)	Q11-B3	(Q12-A3)
(R1-T2)	R2-S2	(R3-Q2)	R4-P2	(R5-M2)	R6-L2	(R7-J2)	R8-H2	(R9-F2)	R10-E2	(R11-C2)	R12-B2
S1-T1	S2-R2	S3-Q1	S4-N2	S5-M1	S6-K2	S7-J1	S8-G2	S9-F1	S10-D2	S11-C1	S12-A2
T1-S1	(T2-R1)	T3-P1	(T4-N1)	T5-L1	(T6-K1)	T7-H1	(T8-G1)	T9-E1	(T10-D1)	T11-B1	(T12-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.
GROUND PATHS ARE NOT DISCRETE CIRCUITS.

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MATE POSITION	DIM P	PTH ϕ
171576-9204	12	72	90	4.90	0.46+0.05
171576-9205	12	72	90	5.50	0.46+0.05
171576-9207	12	72	90	4.90	0.39+0.05
171576-9208	12	72	90	5.50	0.39+0.05

SEE SHEET 1 EC NO: UCP2014-4310 DRAWN BY: MILLER CHKD: TEL0 APPR: TEL0 B1	2014/04/11	2014/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				mm INCH		MM ONLY		2:1	METRIC		
	▽=0			4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE		
	▽=0			3 PLACES	± ---	± ---	JMENDOZA	2012/04/13	IMPACT ORTHOGONAL DIRECT		
	▽=0			2 PLACES	± 0.13	± ---	CHECKED BY	DATE	6 PAIR RAM 90 & 270 ASSY		
				1 PLACE	± 0.25	± ---	TELO	2012/12/03	BOTTOM GUIDE SALES DWG		
				ANGULAR ± 1/2°			APPROVED BY	DATE	MOLEX INCORPORATED		
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		SD-171576-0003		3 OF 4			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

ORTHO POSITION 270°
OD-RAM PIN A1 MAPS
TO RAF PIN A1REFER TO MOLEX SALES DRAWING SD-76290-002
FOR MATING RECEPTACLES.

ORTHO PIN MAPPING

OPTION 270 (NEARSIDE - FAR SIDE)

(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1	(A7-K1)	A8-L1	(A9-N1)	A10-P1	(A11-R1)	A12-S1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1	B7-K2	B8-M1	B9-N2	B10-Q1	B11-R2	B12-T1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)	C7-L2	(C8-M2)	C9-P2	(C10-Q2)	C11-S2	(C12-T2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3	(D7-K3)	D8-L3	(D9-N3)	D10-P3	(D11-R3)	D12-S3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3	E7-K4	E8-M3	E9-N4	E10-Q3	E11-R4	E12-T3
F1-B4	(F2-C4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)	F7-L4	(F8-M4)	F9-P4	(F10-Q4)	F11-S4	(F12-T4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5	(G7-K5)	G8-L5	(G9-N5)	G10-P5	(G11-R5)	G12-S5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5	H7-K6	H8-M5	H9-N6	H10-Q5	H11-R6	H12-T5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)	J7-L6	(J8-M6)	J9-P6	(J10-Q6)	J11-S6	(J12-T6)
(K1-A7)	K2-B7	(K3-D7)	K4-E7	(K5-G7)	K6-H7	(K7-K7)	K8-L7	(K9-N7)	K10-P7	(K11-R7)	K12-S7
L1-A8	L2-C7	L3-D8	L4-F7	L5-G8	L6-J7	L7-K8	L8-M7	L9-N8	L10-Q7	L11-R8	L12-T7
M1-B8	(M2-C8)	M3-E8	(M4-F8)	M5-H8	(M6-J8)	M7-L8	(M8-M8)	M9-P8	(M10-Q8)	M11-S8	(M12-T8)
(N1-A9)	N2-B9	(N3-D9)	N4-E9	(N5-G9)	N6-H9	(N7-K9)	N8-L9	(N9-N9)	N10-P9	(N11-R9)	N12-S9
P1-A10	P2-C9	P3-D10	P4-F9	P5-G10	P6-J9	P7-K10	P8-M9	P9-N10	P10-Q9	P11-R10	P12-T9
Q1-B10	(Q2-C10)	Q3-E10	(Q4-F10)	Q5-H10	(Q6-J10)	Q7-L10	(Q8-M10)	Q9-P10	(Q10-Q10)	Q11-S10	(Q12-T10)
(R1-A11)	R2-B11	(R3-D11)	R4-E11	(R5-G11)	R6-H11	(R7-K11)	R8-L11	(R9-N11)	R10-P11	(R11-R11)	R12-S11
S1-A12	S2-C11	S3-D12	S4-F11	S5-G12	S6-J11	S7-K12	S8-M11	S9-N12	S10-Q11	S11-R12	S12-T11
T1-B12	(T2-C12)	T3-E12	(T4-F12)	T5-H12	(T6-J12)	T7-L12	(T8-M12)	T9-P12	(T10-Q12)	T11-S12	(T12-T12)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.
GROUND PATHS ARE NOT DISCRETE CIRCUITS.

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MATE POSITION	DIM P	PTH Ø
171576-9234	12	72	270	4.90	0.46±0.05
171576-9235	12	72	270	5.50	0.46±0.05
171576-9237	12	72	270	4.90	0.39±0.05
171576-9238	12	72	270	5.50	0.39±0.05

SEE SHEET 1 EC NO: UCP204-4310 DRAWN BY: MILLER CHKD: TELLO APPR: TELLO B1	DESCRIPTION 2014/04/11 2014/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
					MM ONLY		2:1	METRIC			
					DRAWN BY		DATE	TITLE			
			4 PLACES		±.005	±.005	JMENDOZA	2012/04/13		IMPACT ORTHOGONAL DIRECT	
			3 PLACES		±.005	±.005	CHECKED BY	DATE		6 PAIR RAM 90 & 270 ASSY	
			2 PLACES		±0.13	±.005	TELO	2012/12/03		BOTTOM GUIDE SALES DWG	
			1 PLACE		±0.25	±.005	APPROVED BY	DATE		MOLEX INCORPORATED	
							TELO	2013/12/26		SD-171576-0003	
							MATERIAL NO.			DOCUMENT NO.	
							SEE CHART			4 OF 4	
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					