

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0461148241](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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Rev. E 2006/04/15

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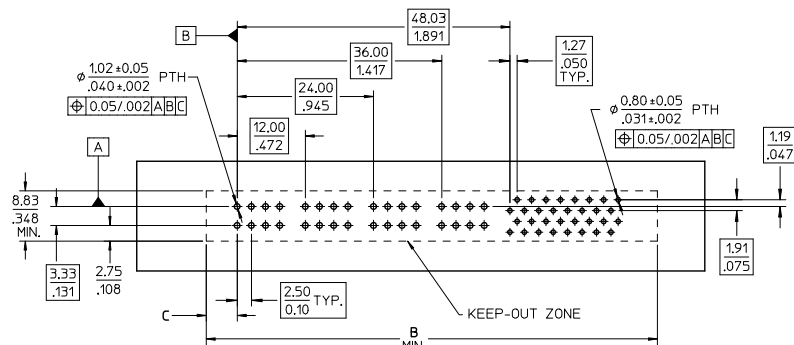
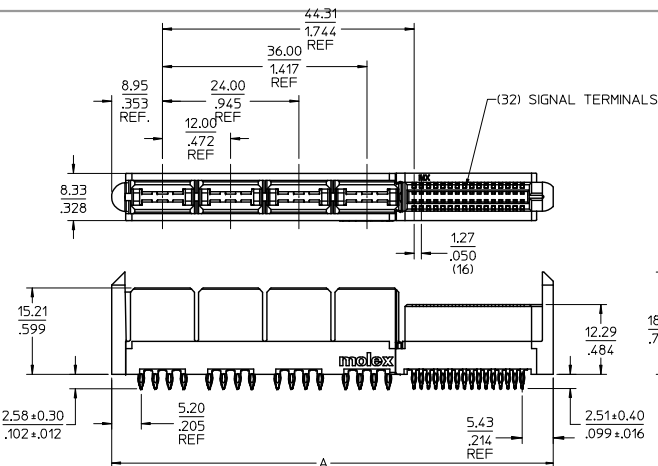
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PCB COMPONENT SIDE

NOTES:

1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.
2. FINISH: SELECT GOLD - 0.75 μ M/30 μ INCHES
SELECTED TIN - 2.50 μ M/100 μ INCHES
BOTH OVER NICKEL - 1.25 μ M/50 μ INCHES
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
4. PARTS ARE RoHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR CARD EDGE 157/.062.
6. PRODUCT SPECIFICATION PS-46114-001.
7. PACKAGING: PER PK-46114-003.

REVISE CARD EDGE	EC NO: UCP2015-0571	DRWINGBANDURA	2015/02/05
CHKD: APPR:APATEL			
REV	DESCRIPTION		

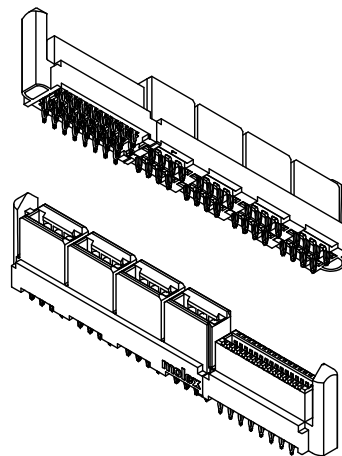
QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	INCH
4 PLACES ±	± .005
3 PLACES ±	± .010
2 PLACES ±	± .025
1 PLACE ±	± .050
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

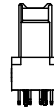
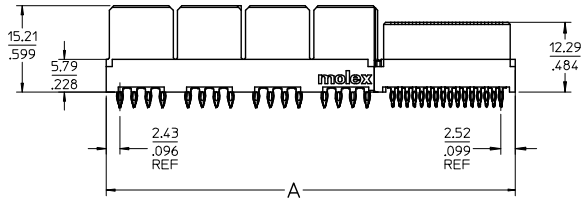
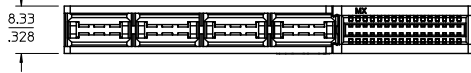
DIMENSION STYLE	
MM/IN	DATE
DRAWN BY MKARADIMAS	07/18/07
CHECKED BY APATEL	07/20/07
APPROVED BY JCOMERC	2009/12/03
MATERIAL NO.	DOCUMENT NO.
SEE CHART	SD-46114-800

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	METRIC	
TITLE		
LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT		
MOLEX INCORPORATED		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 3

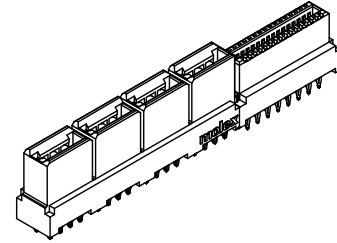
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-8120	TIN	65.01/2.559	65.51/2.579	5.45/.215
16	46114-8160	TIN	67.55/2.659	68.05/2.679	
20	46114-8200	TIN	70.09/2.759	70.59/2.779	
24	46114-8240	TIN	72.63/2.859	73.13/2.879	
28	46114-8280	TIN	75.17/2.959	75.67/2.979	
32	46114-8320	TIN	77.71/3.059	78.21/3.079	
36	46114-8360	TIN	80.25/3.159	80.75/3.179	
40	46114-8400	TIN	82.79/3.259	83.29/3.279	



MATERIAL # 46114-8320 SHOWN



MATERIAL # 46114-8321
SHOWN



NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-8121	TIN	59.34/2.336	59.84/2.356	2.69/.106
16	46114-8161	TIN	61.88/2.436	62.38/2.456	
20	46114-8201	TIN	64.42/2.536	64.92/2.556	
24	46114-8241	TIN	66.96/2.636	67.46/2.656	
28	46114-8281	TIN	69.50/2.736	70.00/2.756	
32	46114-8321	TIN	72.04/2.836	72.54/2.856	
36	46114-8361	TIN	74.58/2.936	75.08/2.956	
40	46114-8401	TIN	77.12/3.036	77.62/3.056	

SEE SHT 1 EC NO: UCP2015-0571 DRAWN BY: DRWINHANDURA CHKD: CHKD: APPR: APATEL 2015/04/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT MOLEX INCORPORATED		
		4 PLACES	± .010	DRAWN BY	DATE	APPROVED BY JCOMERC I	DATE 2009/12/03				
		3 PLACES	± .010	CHECKED BY	DATE						
		2 PLACES	± 0.25	APATEL	07/20/07						
		1 PLACE	± .010								
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-46114-800				2 OF 3	
		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

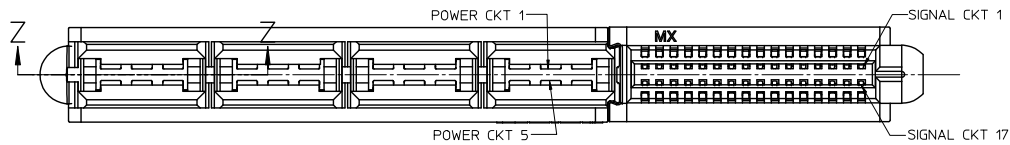
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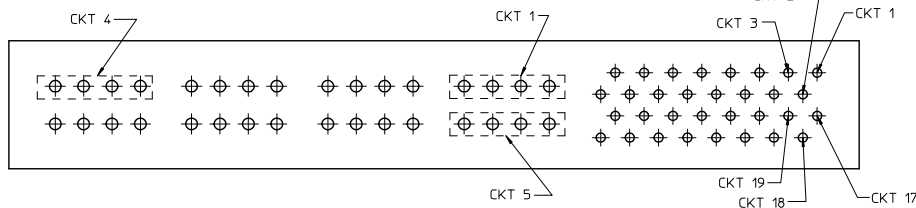
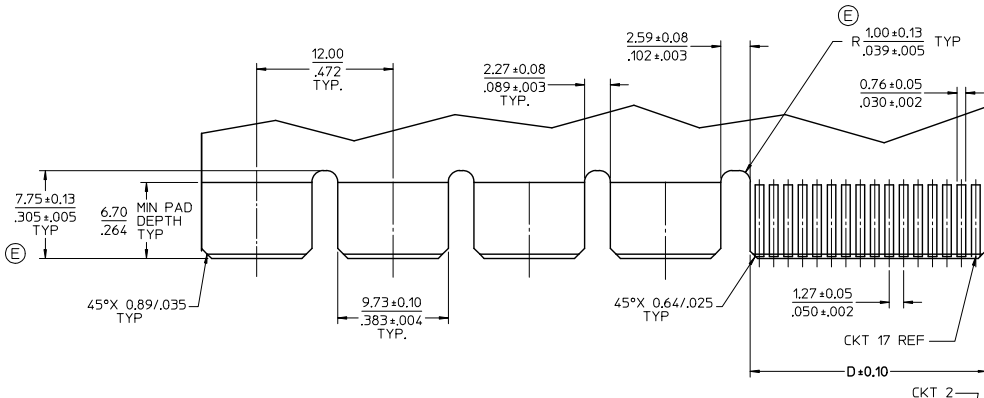
12 11 10 9 8 7 6 5 4 3 2 1

POWER 8 CKT

SIGNAL 32 CKT



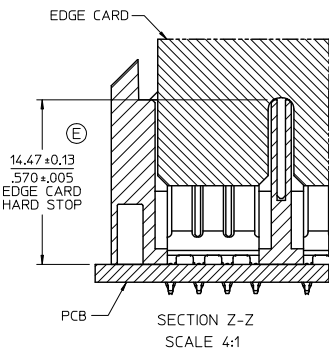
NO. OF SIGNAL	DIM. D
12	8.00/.315
16	10.54/.415
20	13.08/.515
24	15.62/.615
28	18.16/.715
32	20.70/.815
36	23.24/.915
40	25.78/1.015



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS

RECOMMENDED EDGE CARD LAYOUT

EDGE CARD THICKNESS: 157/.062 ± 0.15/.006
PLATING: GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL.



SEE SHT 1 EC NO: UCP2015-0571 DRAWN BY: DRWINRANURA CHKD: APRR:APATEL 2015/04/20 REV:	QUALITY SYMBOLS DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				DRAWN BY	DATE	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN. PRESS FIT			
				CHECKED BY	DATE				
				APPROVED BY	DATE				
				JCOMERC I	2009/12/03				 MOLEX INCORPORATED
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	SD-46114-800		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 3 OF 3			
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			