

J

I

H

G

F

E

D

C

B

A

tb_frame_C_P_AM.T
Rev. E 2006/04/15

13

12

11

11

10

10

9

9

8

8

7

7

6

6

5

5

4

4

3

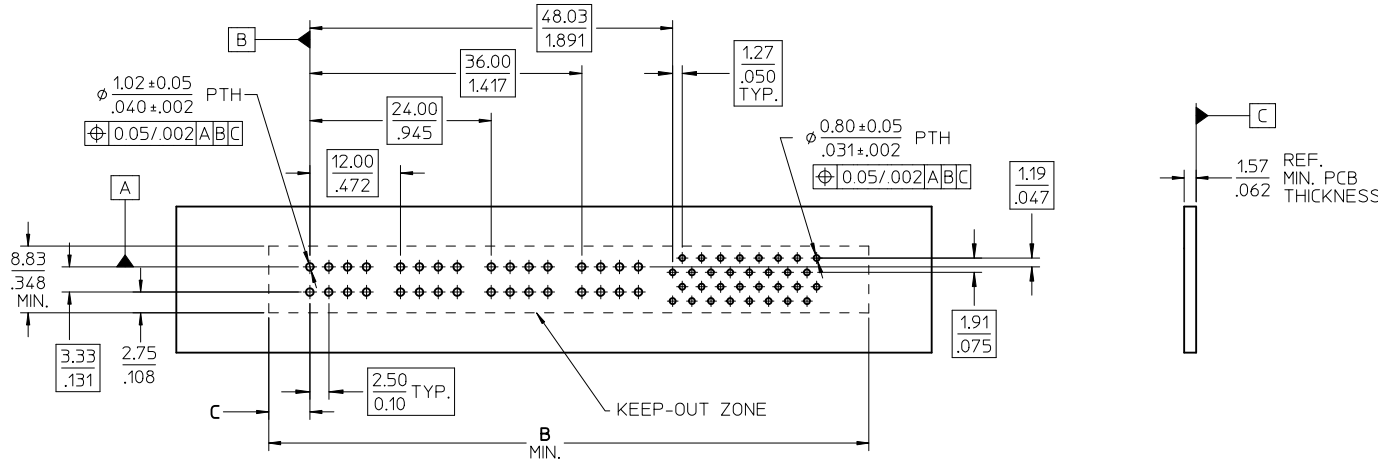
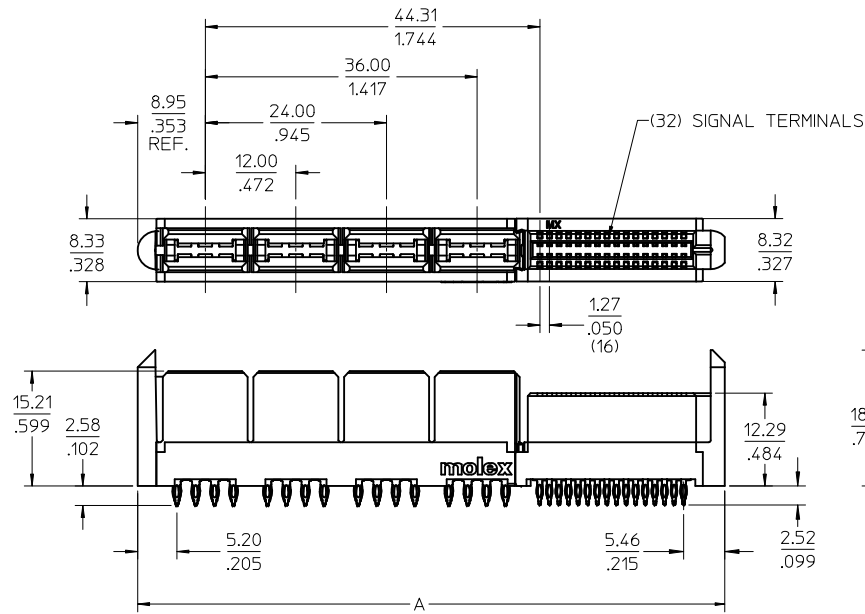
3

2

2

1

1



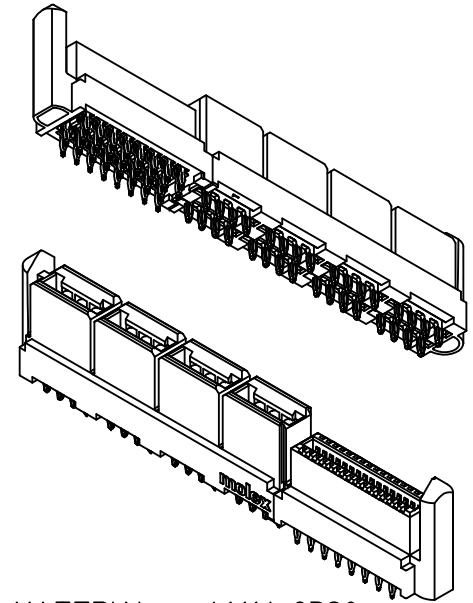
PCB COMPONENT SIDE

- 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
OR SELECTED TIN-LEAD - 1.88 μ M/75 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 1.57/.062.
6. PRODUCT SPECIFICATION PS-46114-001.
7. PACKAGING: PER PK-46114-003.

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
	46114-9120	TIN-LEAD			
16	46114-8160	TIN	67.55/2.659	68.05/2.679	
	46114-9160	TIN-LEAD			
20	46114-8200	TIN	70.09/2.759	70.59/2.779	
	46114-9200	TIN-LEAD			
24	46114-8240	TIN	72.63/2.859	73.13/2.879	
	46114-9240	TIN-LEAD			
28	46114-8280	TIN	75.17/2.959	75.67/2.979	
	46114-9280	TIN-LEAD			
32	46114-8320	TIN	77.71/3.059	78.21/3.079	
	46114-9320	TIN-LEAD			
36	46114-8360	TIN	80.25/3.159	80.75/3.179	
	46114-9360	TIN-LEAD			
40	46114-8400	TIN	82.79/3.259	83.29/3.279	
	46114-9400	TIN-LEAD			



MATERIAL # 46114-8320
SHOWN

- ADD SEC VIEW SHT 3
EC NO: UCP2012-3262
DRWN: JUILLES 2012/04/03
CHKD: KARADIMAS 2012/04/04
APPR: APATEL 2012/04/11
- QUALITY SYMBOLS
▽=0
▽=0
- GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± ---
1 PLACE ± --- ± ---
ANGULAR ± 1/2°
- DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS
- DIMENSION STYLE
MM/IN
- SCALE
2:1
- DESIGN UNITS
METRIC
- THIRD ANGLE PROJECTION
- TITLE
LPH VERTICAL RECEPTACLE
COMPLIANT PIN ASSEMBLY
8CKT PWR CONN, PRESS FIT
- APPROVED BY
JCOMERC I
DATE
2009/12/03
- MATERIAL NO.
DOCUMENT NO.
SD-46114-800
- SHEET NO.
1 OF 3
- THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX.
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

12

11

10

9

8

7

6

5

4

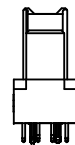
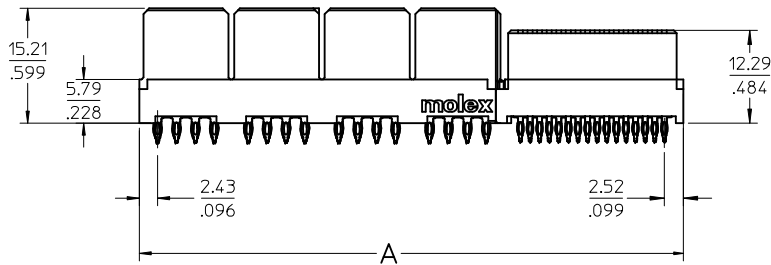
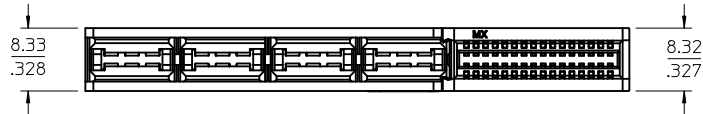
3

2

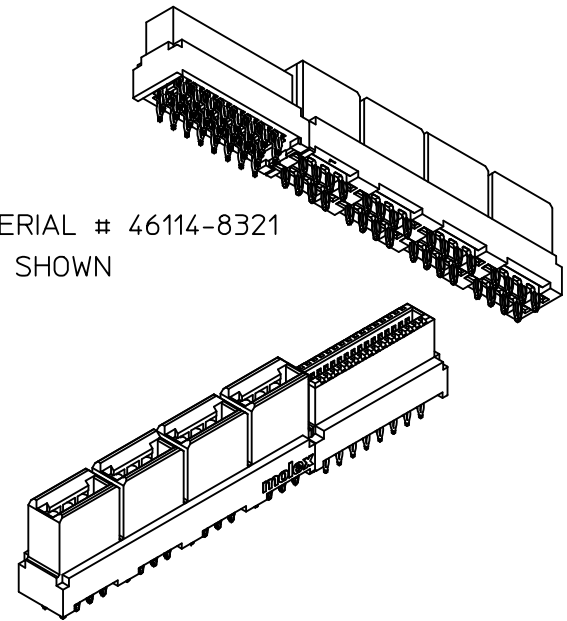
1

13 12 11 10 9 8 7 6 5 4 3 2 1

J
I
H
G
F
E
D
C
B
A



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	2.69/1.106
	46114-9121	TIN-LEAD			
16	46114-8161	TIN	61.88/2.436	62.38/2.456	
	46114-9161	TIN-LEAD			
20	46114-8201	TIN	64.42/2.536	64.92/2.556	
	46114-9201	TIN-LEAD			
24	46114-8241	TIN	66.96/2.636	67.46/2.656	
	46114-9241	TIN-LEAD			
28	46114-8281	TIN	69.50/2.736	70.00/2.756	
	46114-9281	TIN-LEAD			
32	46114-8321	TIN	72.04/2.836	72.54/2.856	
	46114-9321	TIN-LEAD			
36	46114-8361	TIN	74.58/2.936	75.08/2.956	
	46114-9361	TIN-LEAD			
40	46114-8401	TIN	77.12/3.036	77.62/3.056	
	46114-9401	TIN-LEAD			

SEE SHT 1

EC NO: UCP2012-3262

DRWN:JOUILES 2012/04/03

CHKD:MKARADIMAS 2012/04/04

APPR:APATEL 2012/04/11

C2

DESCRIPTION

REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .010
2 PLACES	± 0.25	± .---
1 PLACE	± .---	± .---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY
MKARADIMAS

CHECKED BY
APATEL

APPROVED BY
JCOMERC I

MATERIAL NO.

DATE
07/18/07

DATE
07/20/07

DATE
2009/12/03

SEE CHART

SIZE
C

SCALE
2:1

DESIGN UNITS
METRIC

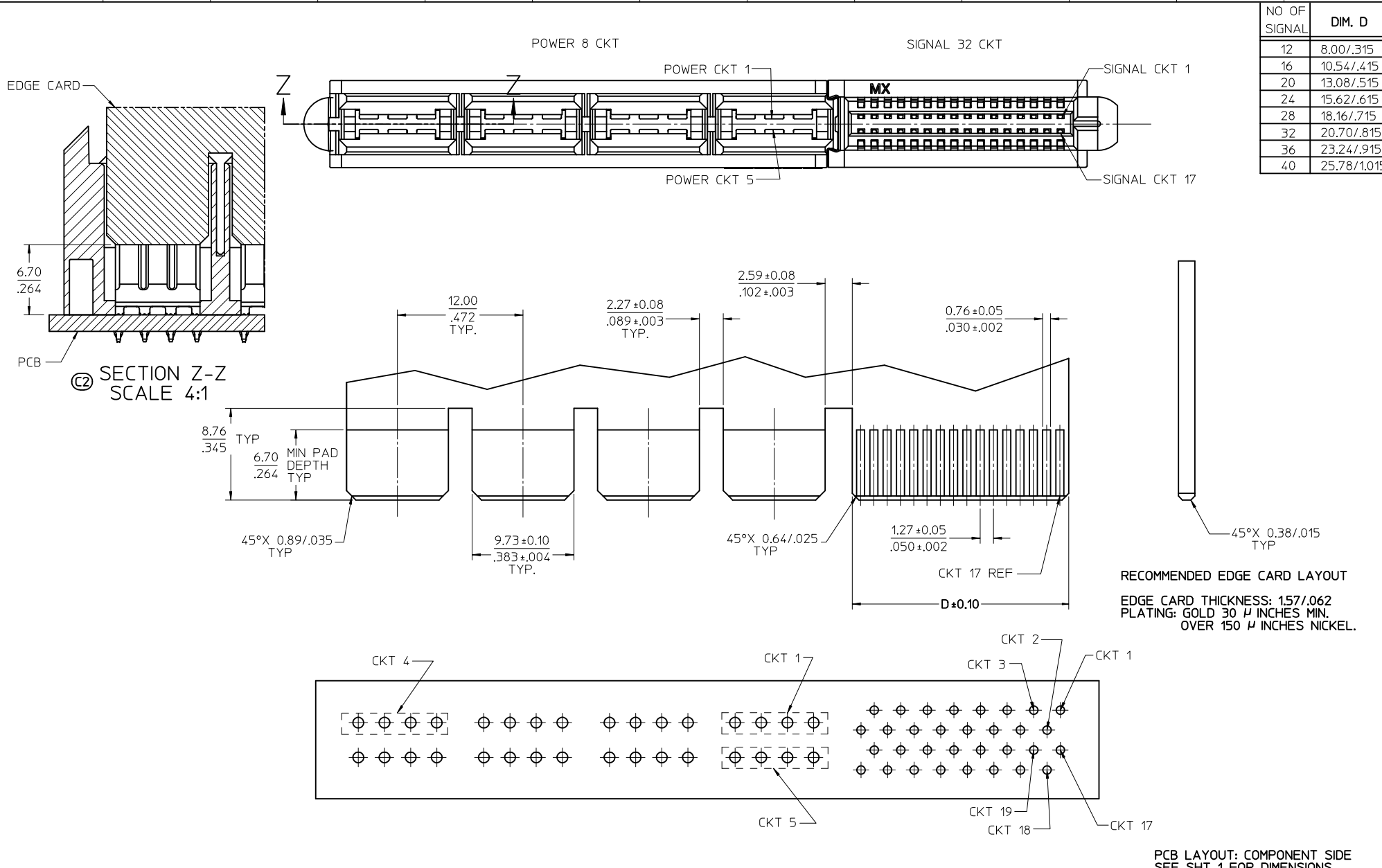
THIRD ANGLE PROJECTION

TITLE
LPH VERTICAL RECEPTACLE
COMPLIANT PIN ASSEMBLY
8CKT PWR CONN, PRESS FIT

MOLEX INCORPORATED

DOCUMENT NO.
SD-46114-800

SHEET NO.
2 OF 3



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

SEE SHT 1 EC NO: UCP2012-3262 DRAWN: JQUILES 2012/04/03 CHKD: MKARADIMAS 2012/04/04 APPR: APATEL 2012/04/11	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT	DOCUMENT NO. SD-46114-800	SHEET NO. 3 OF 3
				mm	INCH	DRAWN BY MKARADIMAS	DATE 07/18/07	MOLEX MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 07/20/07					
			3 PLACES	± ---	± .010	APPROVED BY JCOMERC I	DATE 2009/12/03					
			2 PLACES	± 0.25	± ---	MATERIAL NO.	SEE CHART					
			1 PLACE	± ---	± ---	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									