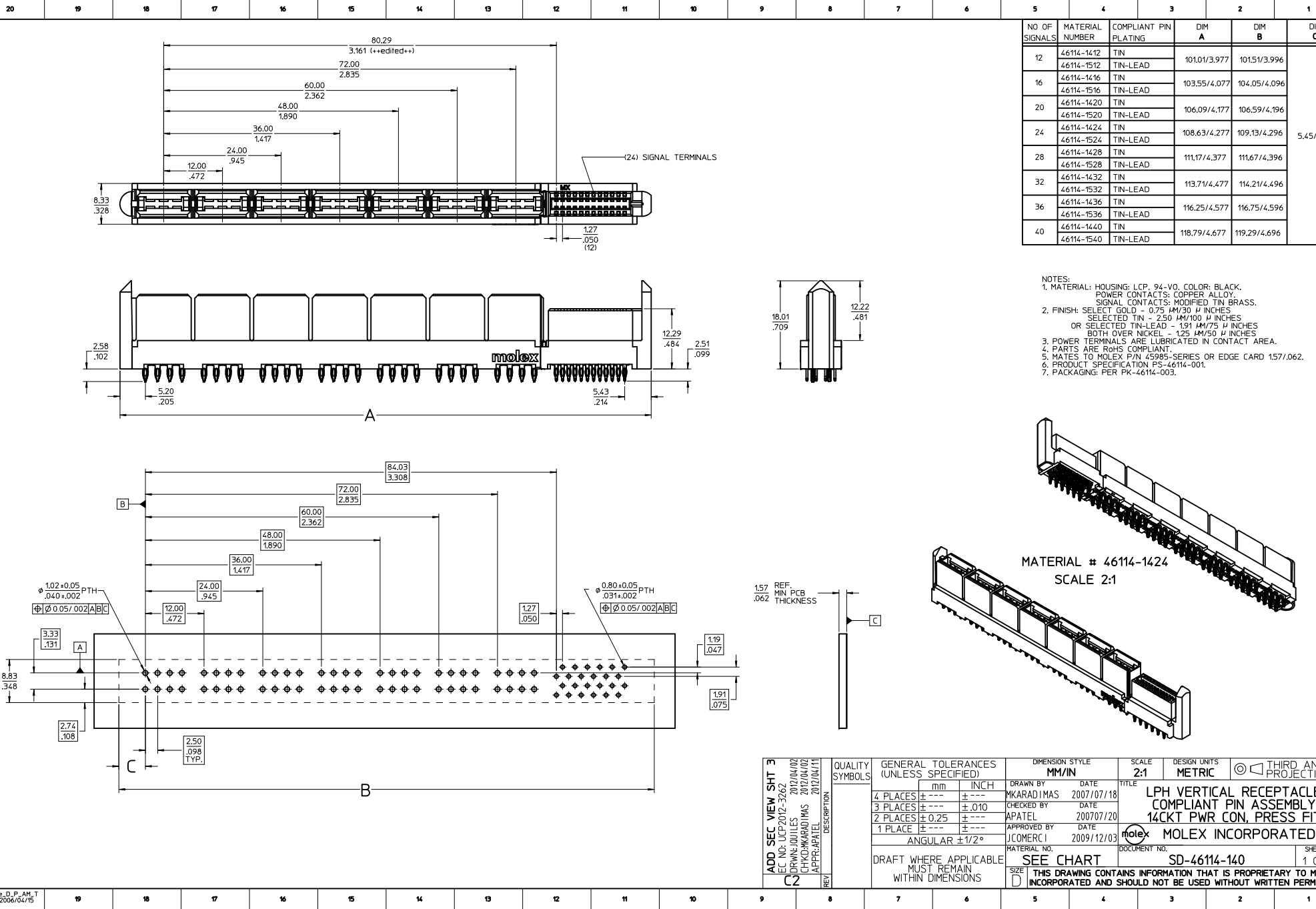
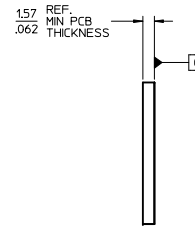




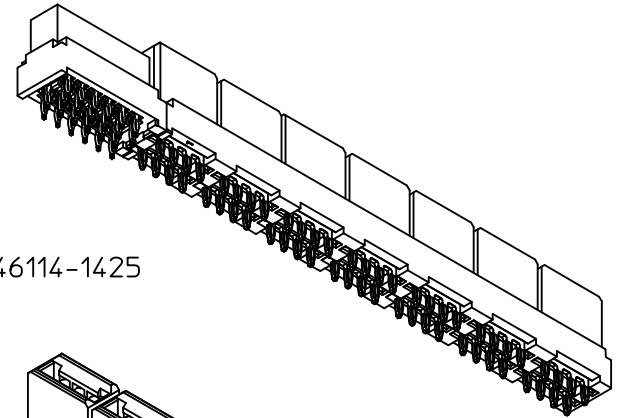
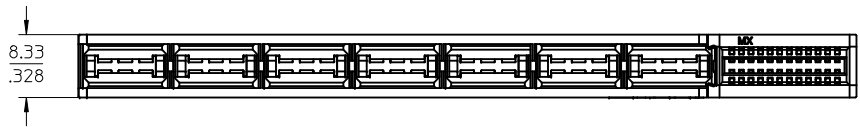
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1412	TIN	101.01/3.977	101.51/3.996	5.45/2.15
	46114-1512	TIN-LEAD			
16	46114-1416	TIN	103.55/4.077	104.05/4.096	
	46114-1516	TIN-LEAD			
20	46114-1420	TIN	106.09/4.177	106.59/4.196	
	46114-1520	TIN-LEAD			
24	46114-1424	TIN	108.63/4.277	109.13/4.296	
	46114-1524	TIN-LEAD			
28	46114-1428	TIN	111.17/4.377	111.67/4.396	
	46114-1528	TIN-LEAD			
32	46114-1432	TIN	113.71/4.477	114.21/4.496	
	46114-1532	TIN-LEAD			
36	46114-1436	TIN	116.25/4.577	116.75/4.596	
	46114-1536	TIN-LEAD			
40	46114-1440	TIN	118.79/4.677	119.29/4.696	
	46114-1540	TIN-LEAD			

- 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 - 250 μ M/100 μ INCHES
OR SELECTED TIN-LEAD - 191 μ M/75 μ INCHES
BOTH OVER NICKEL - 125 μ M/50 μ INCHES
 3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
 4. PARTS ARE ROHS COMPLIANT.
 5. MATES TO MOLEX P/N 45986-SERIES OR EDGE CARD 1571.062.
 6. PRODUCT SPECIFICATION PS-46114-001.
 7. PACKAGING: PER PK-46114-003.

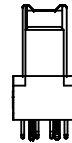
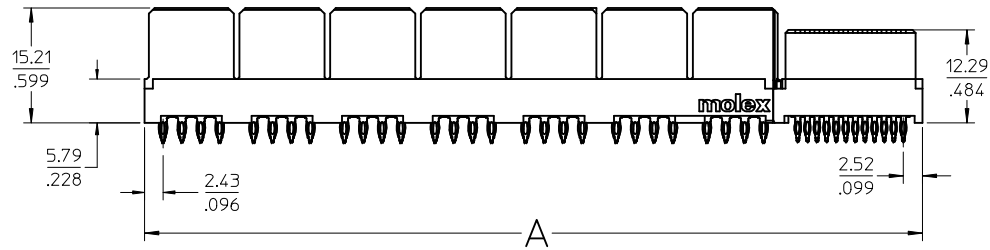
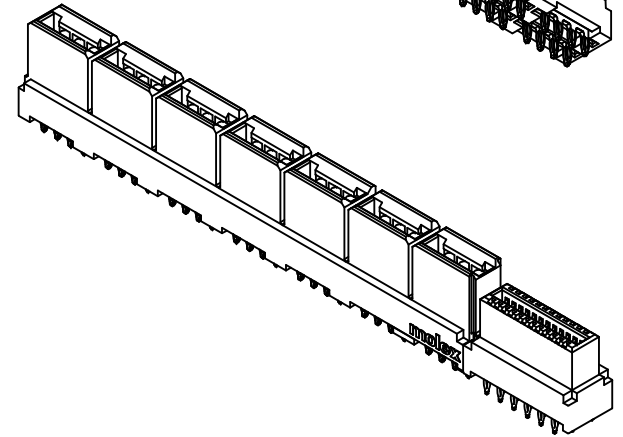
MATERIAL # 46114-1424
SCALE 2:1



3 ADD SEC VIEW SHT 3 EC NO: UCP2012-3262 DRAWN: JOLILES 2012/04/02 CHKD: MKARADI/MAS 2012/04/02 APPROVAL: APATEL 2012/04/11 REV C2	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT MOLEX INCORPORATED				
			mm	INCH	DRAWN BY	DATE	M/M/IN						
		4 PLACES	±---	±---	MKARADI MAS	2007/07/18	DATE						
		3 PLACES	±---	±.010	CHECKED BY	DATE	DATE						
		2 PLACES	±0.25	±---	APATEL	2007/07/20	DATE						
		1 PLACE	±---	±---	APPROVED BY	DATE	DATE						
		ANGULAR ± 1/2°			JCOMERCJ	2009/12/03	 MOLEX INCORPORATED						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
					SEE CHART		SD-46114-140		1 OF 3				
					SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



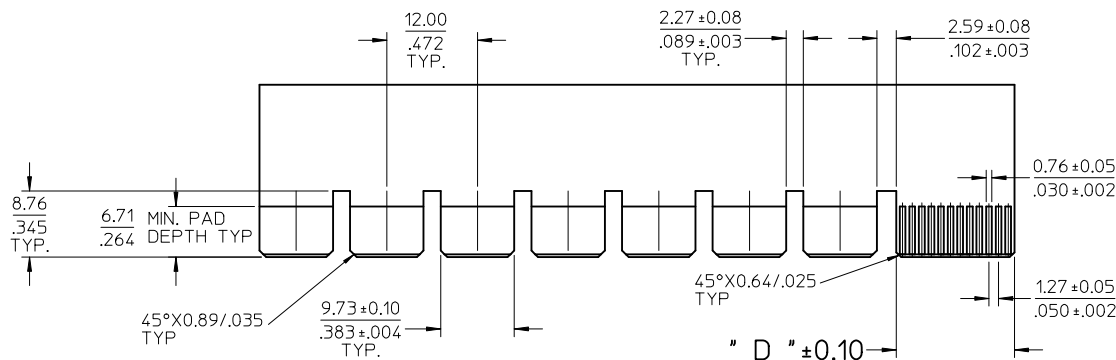
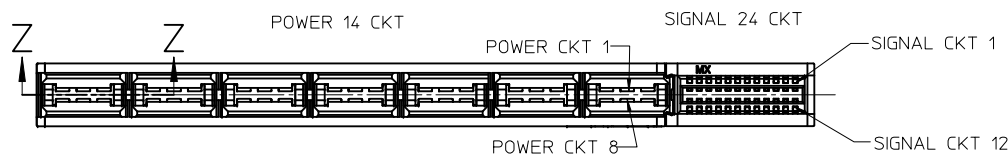
MATERIAL # 46114-1425
SHOWN



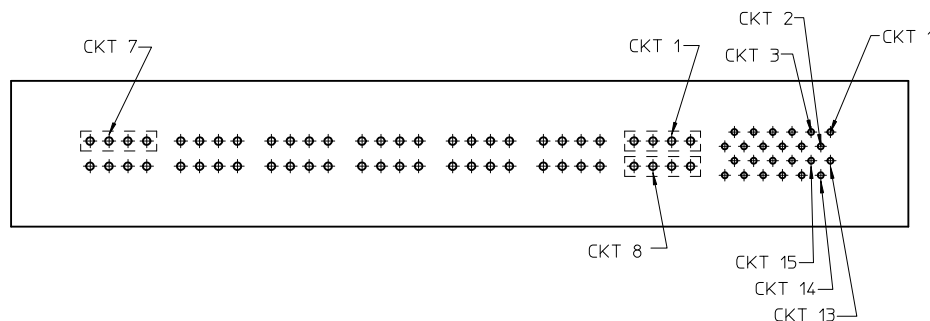
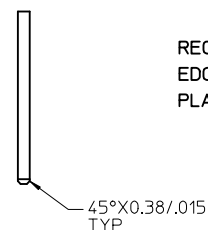
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1413	TIN	95.34/3.754	95.84/3.773	2.69/106
	46114-1513	TIN-LEAD			
16	46114-1417	TIN	97.88/3.854	98.38/3.873	
	46114-1517	TIN-LEAD			
20	46114-1421	TIN	100.42/3.954	100.92/3.973	
	46114-1521	TIN-LEAD			
24	46114-1425	TIN	102.96/4.054	103.46/4.073	
	46114-1525	TIN-LEAD			
28	46114-1429	TIN	105.50/4.154	106.00/4.173	
	46114-1529	TIN-LEAD			
32	46114-1433	TIN	108.04/4.254	108.54/4.273	
	46114-1533	TIN-LEAD			
36	46114-1437	TIN	110.58/4.354	111.04/4.373	
	46114-1537	TIN-LEAD			
40	46114-1441	TIN	113.12/4.454	113.62/4.473	
	46114-1541	TIN-LEAD			

SEE SHEET 1 EC NO: UCP2012-3262 C2 DRWN:JOUILES 2012/04/02 CHKD:MKARADIMAS 2012/04/02 APPR:APATEL 2012/04/11	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY MKARADIMAS	DATE 2007/07/18	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT		
			4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 2007/07/20			
			3 PLACES	± ---	± .010					
			2 PLACES	± 0.25	± ---					
			1 PLACE	± ---	± ---	APPROVED BY JCOMERC I	DATE 2009/12/03	 MOLEX INCORPORATED		
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.			SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-46114-140			2 OF 3
	REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

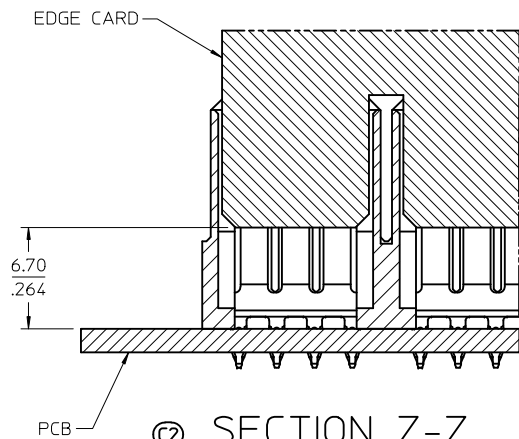
NO OF SIGNAL	DIM. D
12	8.00/.315
16	10.54/.415
20	13.08/.515
24	15.62/.615
28	18.16/.715
32	20.70/.815
36	23.24/.915
40	25.78/1.015



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 1.57/.062
PLATING: GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL.



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS



SECTION Z-Z
SCALE 4:1

SEE SHEET 1 EC NO: UCP2012-3262 2012/04/02 DRWN: JOUILES CHKD: MKARADIMAS 2012/04/02 APPR: APATEL 2012/04/11	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 1/2°</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	ANGULAR ± 1/2°			DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH																				
				4 PLACES	± ---	± ---																				
				3 PLACES	± ---	± .010																				
				2 PLACES	± 0.25	± ---																				
				1 PLACE	± ---	± ---																				
ANGULAR ± 1/2°																										
DRAWN BY MKARADIMAS		DATE 2007/07/18	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT																							
CHECKED BY APATEL		DATE 200707/20																								
APPROVED BY JCOMERC I		DATE 2009/12/03	MOLEX MOLEX INCORPORATED																							
MATERIAL NO.			DOCUMENT NO.				SHEET NO.																			
SEE CHART			SD-46114-140				3 OF 3																			
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