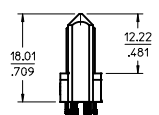
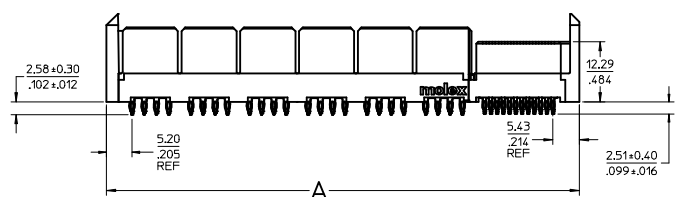
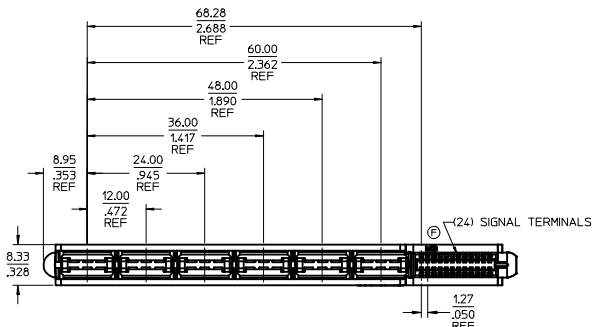
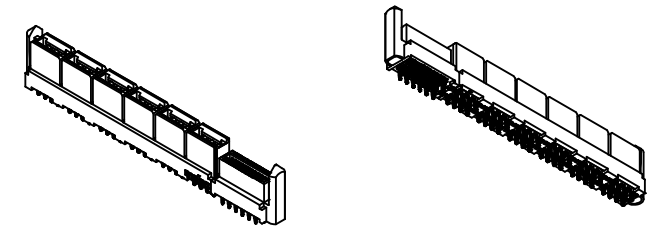
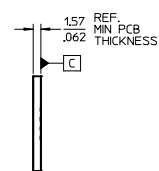
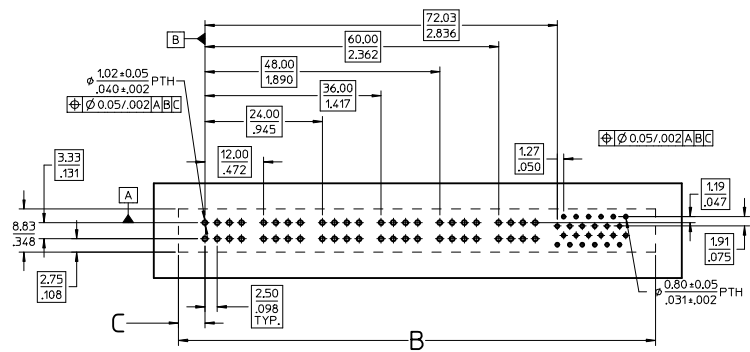


NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1212	TIN	89.01/3.504	89.51/3.524	5.45/2.15
16	46114-1216	TIN	91.55/3.604	92.05/3.624	
20	46114-1220	TIN	94.09/3.704	94.59/3.724	
24	46114-1224	TIN	96.63/3.804	97.13/3.824	
28	46114-1228	TIN	99.17/3.904	99.67/3.924	
32	46114-1232	TIN	101.71/4.004	102.21/4.024	
36	46114-1236	TIN	104.25/4.104	104.75/4.124	
40	46114-1240	TIN	106.79/4.204	107.29/4.224	



- NOTES:
 1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK.
 POWER CONTACTS: COPPER ALLOY.
 SIGNAL CONTACTS: MODIFIED TIN BRASS.
 2. FINISH: SELECT GOLD - 0.75 μM/30 μ INCHES
 SELECTED TIN - 2.50 μM/100 μ INCHES
 BOTH OVER NICKEL - 1.25 μM/50 μ INCHES
 3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
 4. PARTS ARE ROHS COMPLIANT.
 5. MATES TO MOLEX P/N 45995-SERIES OR EDGE CARD 157/062.
 6. PRODUCT SPECIFICATION PS-46114-001.
 7. PACKAGING: PER PK-46114-003.

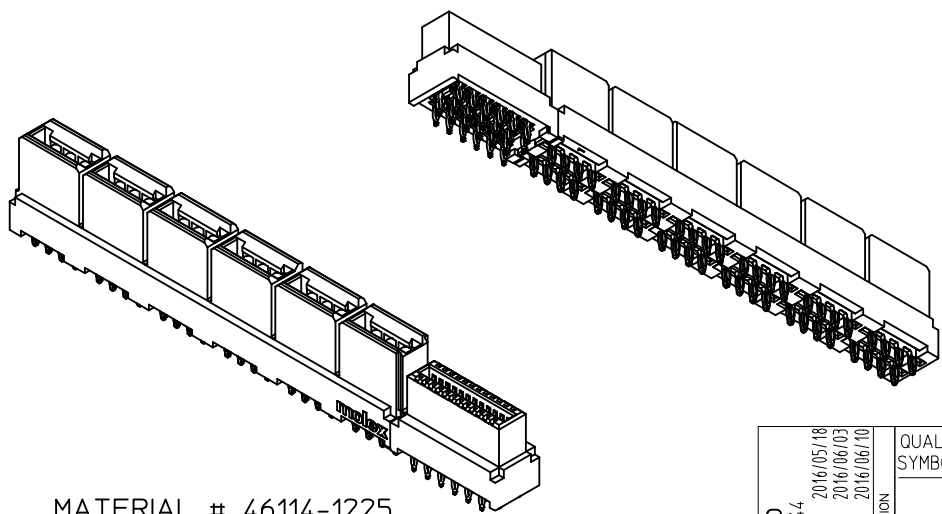
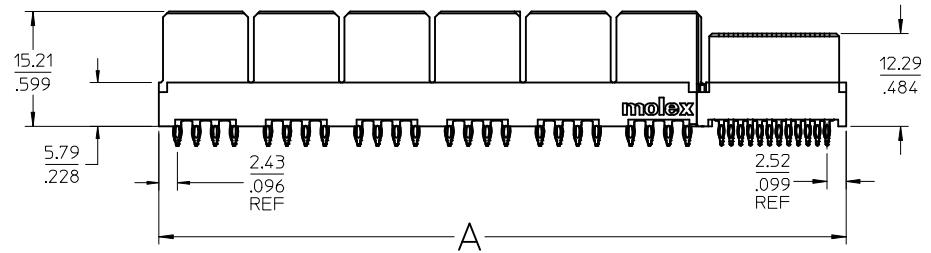
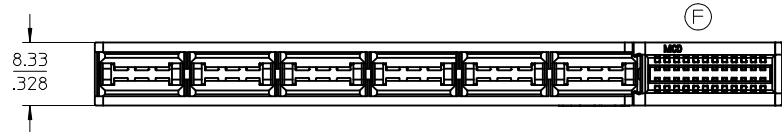


MATERIAL # 46114-1224
 SHOWN

UPDATE LOGO EIC NO: S2016-1044 DRAWN BY: TDRWAL/ING6 2016/05/18 CHYKD:ZENG 2016/06/03 APPROX:KHLIM 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	4 PLACES ± mm ± INCH 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	MM/IN	2:1	METRIC	DRAWN BY: MKARADI/MAS DATE: 2007/07/18 CHECKED BY: APATEL DATE: 2007/07/20 APPROVED BY: JCOMERCJ DATE: 2009/12/03
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	TITLE: LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 12CKT PWR CON, PRESS FIT MOLEX INCORPORATED	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SD-46114-120		SHEET NO. 1 OF 3	

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

J
I
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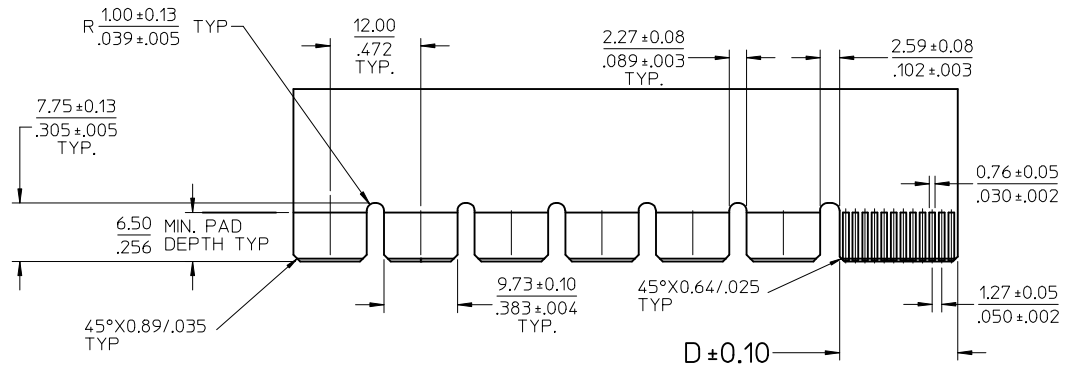
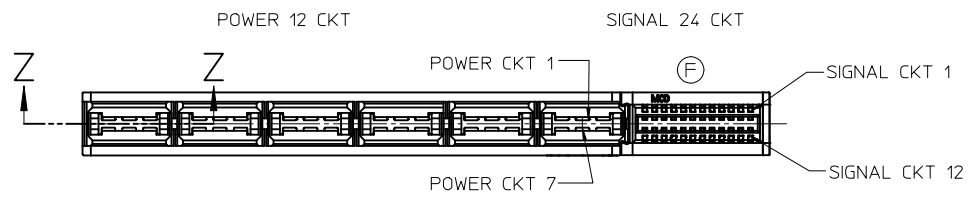
MATERIAL # 46114-1225
SHOWN

NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1213	TIN	83.34/3.281	84.84/3.301	2.69/106
16	46114-1217	TIN	85.88/3.381	86.38/3.401	
20	46114-1221	TIN	88.42/3.481	88.92/3.501	
24	46114-1225	TIN	90.96/3.581	91.46/3.601	
28	46114-1229	TIN	93.50/3.681	94.00/3.701	
32	46114-1233	TIN	96.04/3.781	96.54/3.801	
36	46114-1237	TIN	98.58/3.881	99.08/3.901	
40	46114-1241	TIN	101.12/3.981	102.62/4.001	

UPDATE LOGO EC NO: S2016-1044 DRWN:ALN06 2016/05/18 CHKD:JZENG 2016/06/03 APPR:KHLIM 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </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> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	DRAWN BY: MKARADIMAS DATE: 2007/07/18 CHECKED BY: APATEL DATE: 2007/07/20 APPROVED BY: JCOMERC I DATE: 2009/12/03	TITLE: LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 12CKT PWR CON, PRESS FIT MOLEX INCORPORATED		
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± .010																			
2 PLACES	± 0.25	± ---																			
1 PLACE	± ---	± ---																			
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	DOCUMENT NO. SD-46114-120 SHEET NO. 2 OF 3																	
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	

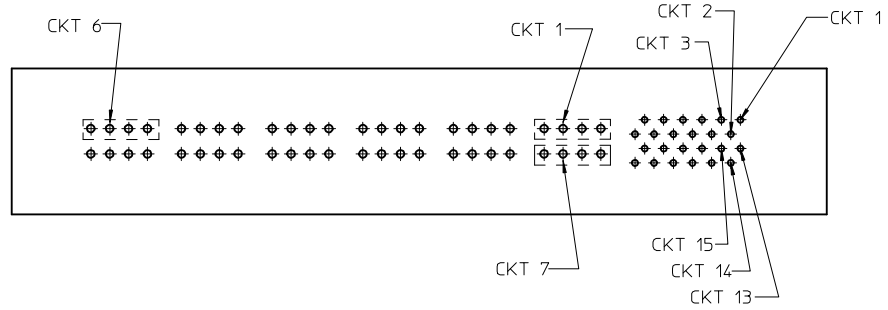
12 11 10 9 8 7 6 5 4 3 2 1

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

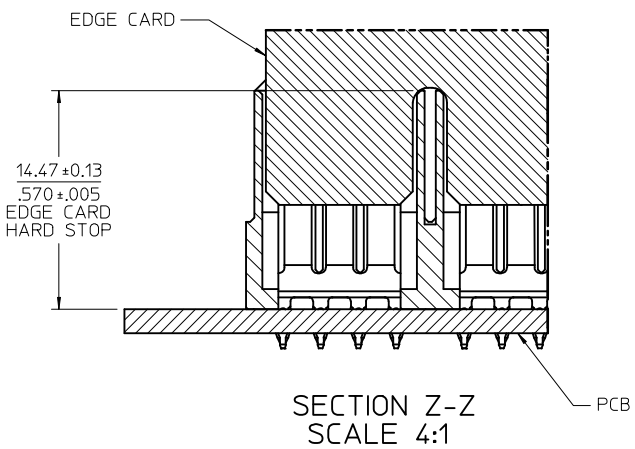


RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 1.57/.062 ± 0.15/.006
PLATING: GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL.

45°X0.38/.015 TYP



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS



UPDATE LOGO EC NO: S2016-1044 2016/05/18 DRW:ALIN06 2016/06/03 CHKD:JZENG APPR:KHLIM 2016/06/10	QUALITY SYMBOLS DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---	mm INCH ± --- ± --- ± .010 ± --- ± 0.25 ± --- ± --- ± ---	DRAWN BY MKARADIMAS	DATE 2007/07/18	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 12CKT PWR CON, PRESS FIT	
		APPROVED BY JCOMERCI		DATE 2009/12/03	MOLEX MOLEX INCORPORATED		
		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-46114-120	SHEET NO. 3 OF 3		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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