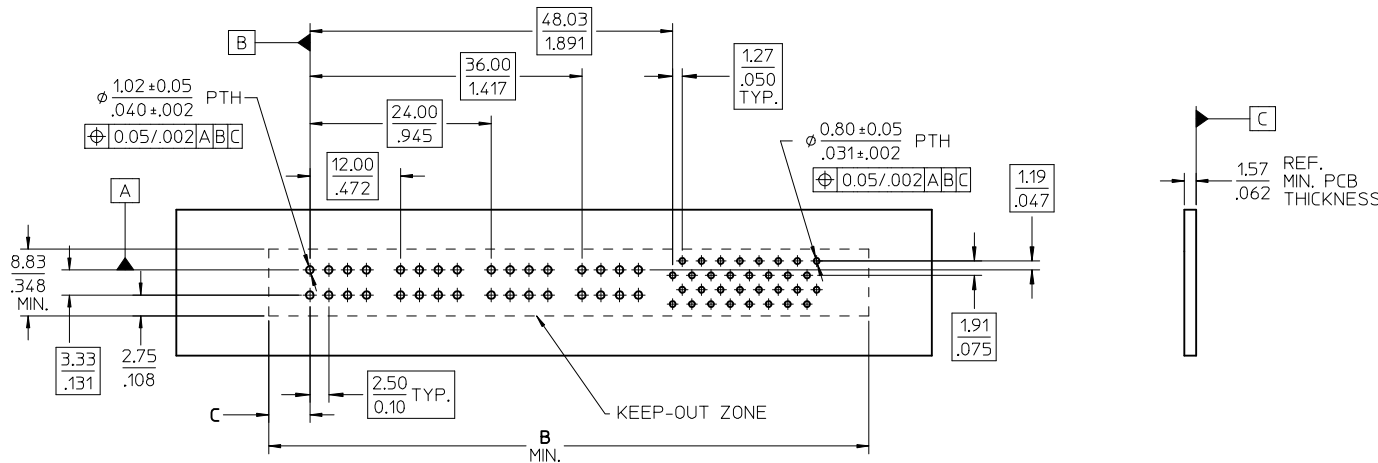
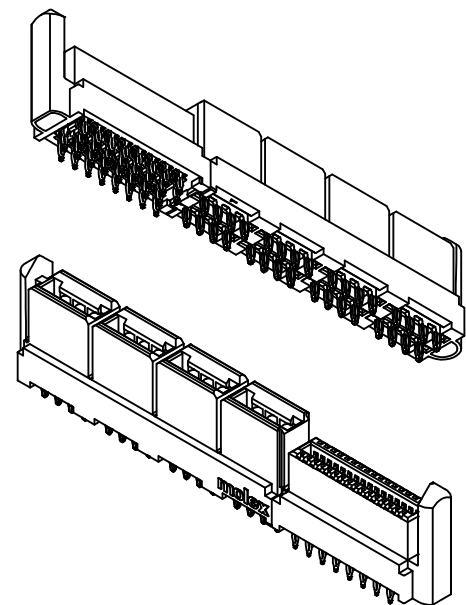


NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-8120	TIN	65.01/2.559	65.51/2.579	5.45/1.215
16	46114-8160	TIN	67.55/2.659	68.05/2.679	
20	46114-8200	TIN	70.09/2.759	70.59/2.779	
24	46114-8240	TIN	72.63/2.859	73.13/2.879	
28	46114-8280	TIN	75.17/2.959	75.67/2.979	
32	46114-8320	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	



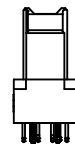
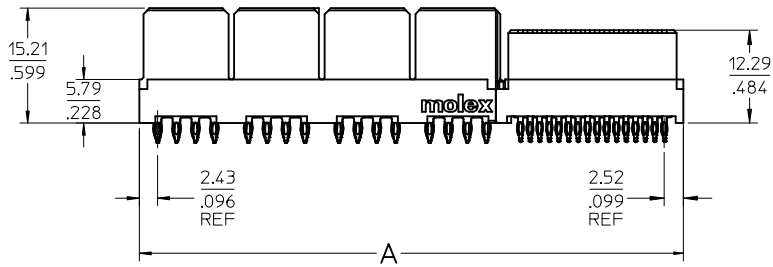
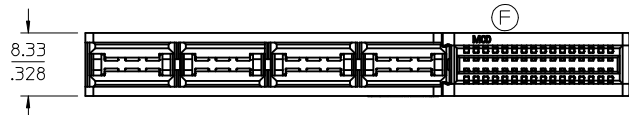
PCB COMPONENT SIDE



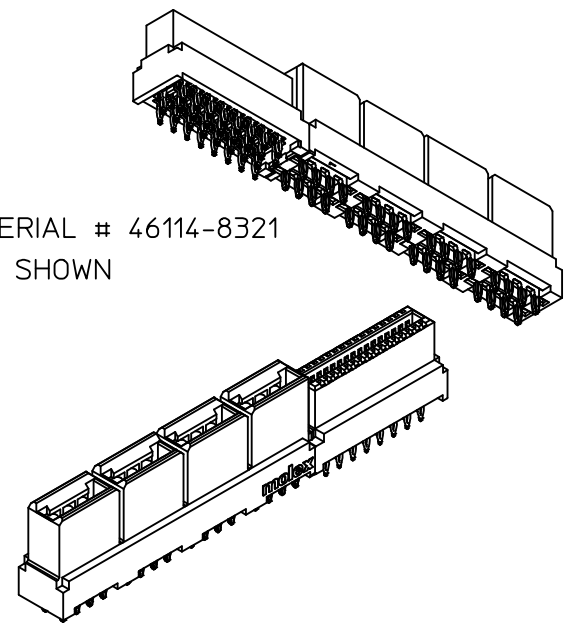
MATERIAL # 46114-8320 SHOWN

- NOTES:
- MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK. POWER CONTACTS: COPPER ALLOY. SIGNAL CONTACTS: MODIFIED TIN BRASS.
  - FINISH: SELECT GOLD - 0.75  $\mu$ M/30  $\mu$  INCHES. SELECTED TIN - 2.50  $\mu$ M/100  $\mu$  INCHES. BOTH OVER NICKEL - 1.25  $\mu$ M/50  $\mu$  INCHES.
  - POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
  - PARTS ARE RoHS COMPLIANT.
  - MATES TO MOLEX P/N 45985-SERIES OR CARD EDGE 1.57/0.62.
  - PRODUCT SPECIFICATION PS-46114-001.
  - PACKAGING: PER PK-46114-003.

UPDATE LOGO EC NO: S2016-1044 2016/05/18 TDRW:LN06 2016/06/03 CHKD:JZENG 2016/06/10 APPR:KHLIM	QUALITY SYMBOLS ▽=0 ▽=0	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 ± --- ± --- ANGULAR ± 1/2°	mm INCH ± --- ± --- ± .010 ± --- ± --- ± --- ± ---	DRAWN BY MKARADIMAS DATE 07/18/07	CHECKED BY APATEL DATE 07/20/07	APPROVED BY JCOMERCI DATE 2009/12/03	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO. SD-46114-800		MOLEX INCORPORATED	
				DOCUMENT NO.		SHEET NO. 1 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



MATERIAL # 46114-8321  
SHOWN

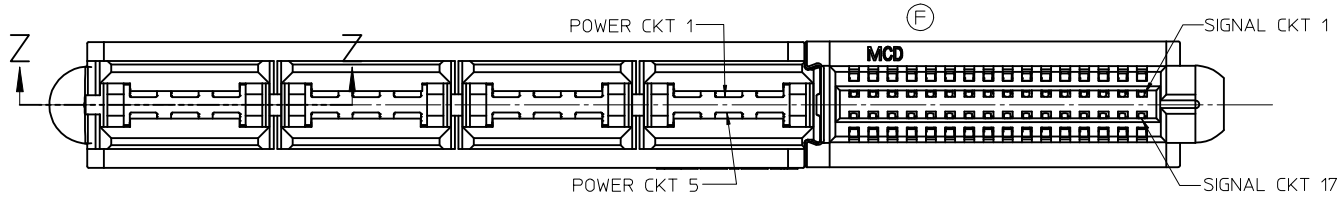


NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-8121	TIN	59.34/2.336	59.84/2.356	2.69/1.06
16	46114-8161	TIN	61.88/2.436	62.38/2.456	
20	46114-8201	TIN	64.42/2.536	64.92/2.556	
24	46114-8241	TIN	66.96/2.636	67.46/2.656	
28	46114-8281	TIN	69.50/2.736	70.00/2.756	
32	46114-8321	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	

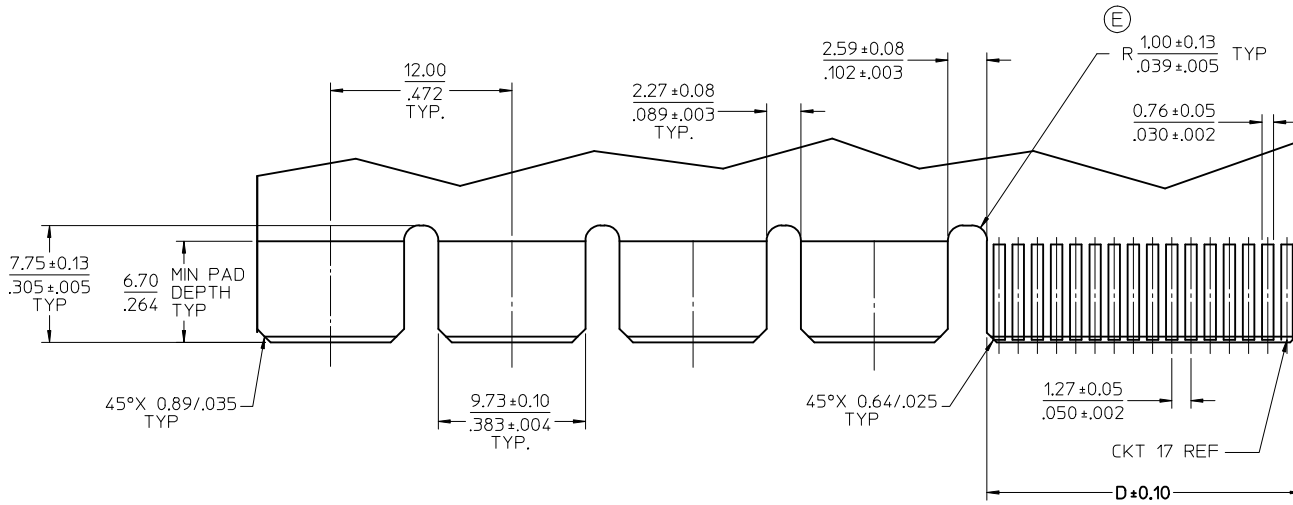
UPDATE LOGO EC NO: S2016-1044 2016/05/18 DRW:ALIN06 2016/06/03 CHKD:JZENG APPR:KHLIM 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
	REV		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</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 07/18/07	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT MOLEX INCORPORATED MATERIAL NO. SD-46114-800	SHEET NO. 2 OF 3
			mm	INCH																		
		4 PLACES ±	---	---																		
3 PLACES ±	---	±.010																				
2 PLACES ±	0.25	---																				
1 PLACE ±	---	---																				
		CHECKED BY APATEL	DATE 07/20/07																			
		APPROVED BY JCOMERC I	DATE 2009/12/03																			
		ANGULAR ±1/2°	SEE CHART	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																

POWER 8 CKT

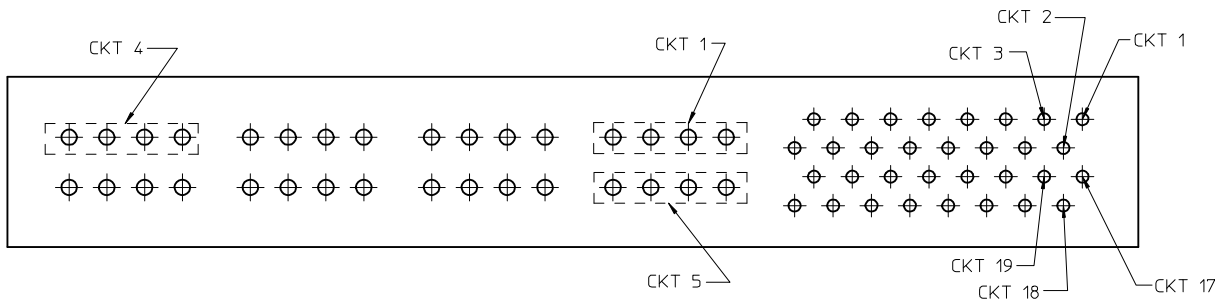
SIGNAL 32 CKT



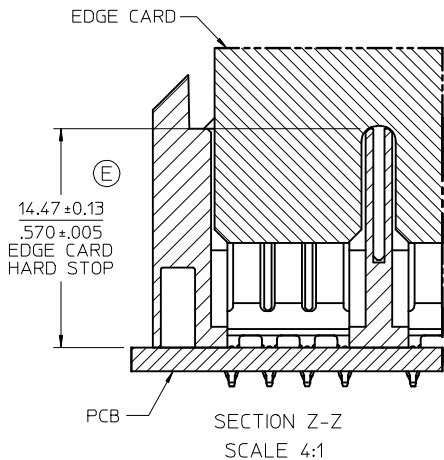
NO OF SIGNAL	DIM. D
12	8.00/.315
16	10.54/.415
20	13.08/.515
24	15.62/.615
28	18.16/.715
32	20.70/.815
36	23.24/.915
40	25.78/1.015



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



PCB LAYOUT: COMPONENT SIDE  
SEE SHT 1 FOR DIMENSIONS



UPDATE LOGO EC NO: S2016-1044 DRWNLIN06 2016/05/18 CHKD:JZENG 2016/06/03 APPR:KHLIM 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± ---	DRAWN BY MKARADIMAS	DATE 07/18/07	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT	
		3 PLACES ± --- ± .010	CHECKED BY APATEL	DATE 07/20/07	MOLEX MOLEX INCORPORATED	
		2 PLACES ± 0.25 ± ---	APPROVED BY JCOMERCI	DATE 2009/12/03	DOCUMENT NO. SD-46114-800	
		1 PLACE ± --- ± ---	ANGULAR ± 1/2°		SHEET NO. 3 OF 3	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	