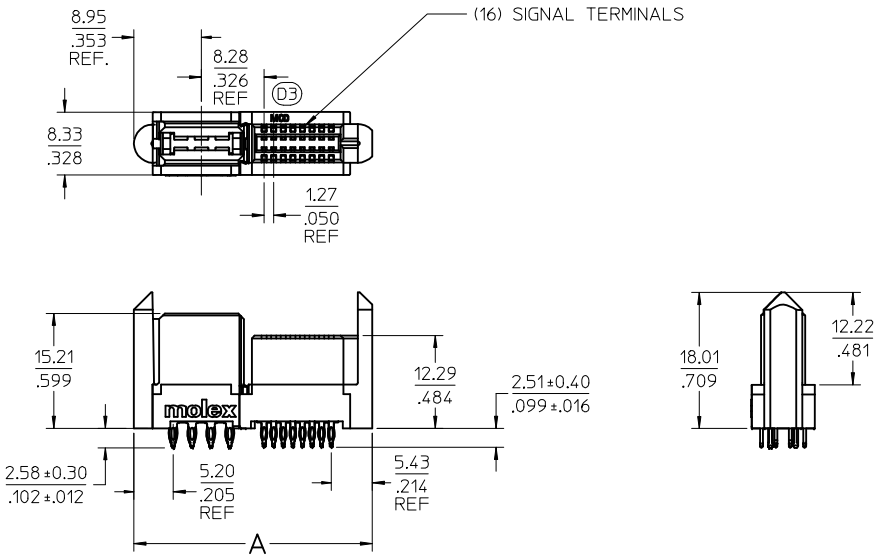
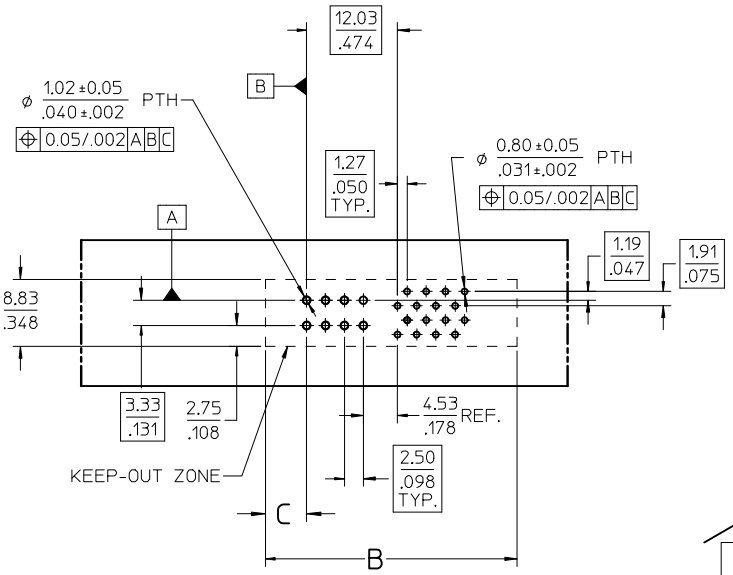


NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-2120	TIN	29.01/1.142	29.51/1.162	5.45/.215
16	46114-2160	TIN	31.55/1.242	32.05/1.262	
20	46114-2200	TIN	34.09/1.342	34.59/1.362	
24	46114-2240	TIN	36.63/1.442	37.13/1.462	
28	46114-2280	TIN	39.17/1.542	39.67/1.562	
32	46114-2320	TIN	41.71/1.642	42.21/1.662	
36	46114-2360	TIN	44.25/1.742	44.75/1.762	
40	46114-2400	TIN	46.79/1.842	47.29/1.862	

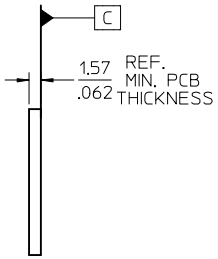
NOTES:
1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.

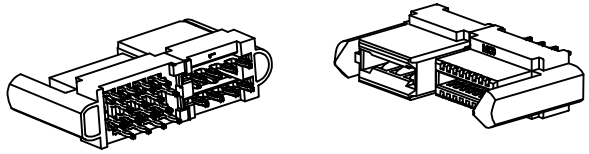
2. FINISH: SELECT GOLD - 0.75 µM/30 µ INCHES
SELECTED TIN - 2.50 µM/100 µ INCHES
BOTH OVER NICKEL - 1.25 µM/50 µ INCHES

3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
4. PARTS ARE RoHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR CARD EDGE 1.57/.062.
6. PRODUCT SPECIFICATION PS-46114-001.
7. PACKAGING: PER PK-46114-003.



PCB COMPONENT SIDE





MATERIAL # 46114-2160 SHOWN

UPDATE LOGO
EC NO: S2016-1044 2016/05/18
DRWN:ALIN06 2016/06/03
CHKD:JZENG
APPR:KHLIM 2016/06/10
DESCRIPTION
D3
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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MKARADIMAS	07/23/07
CHECKED BY	APATEL	07/25/07
APPROVED BY	JCOMERCI	2009/12/03

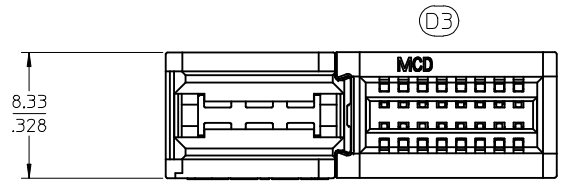
TITLE: LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT

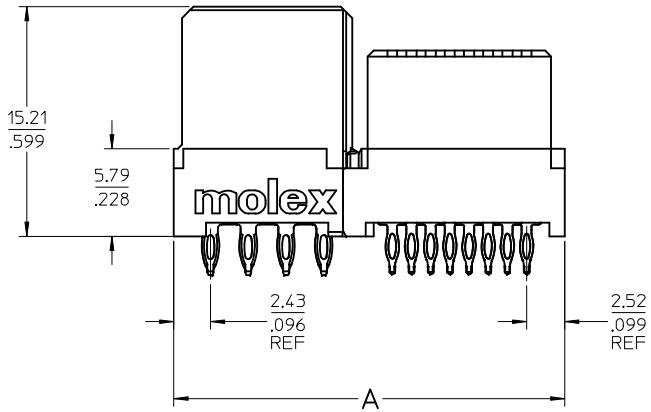
MOLEX INCORPORATED

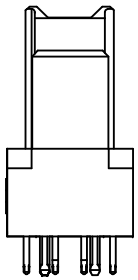
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-46114-200
SHEET NO.: 1 OF 3
SIZE: C

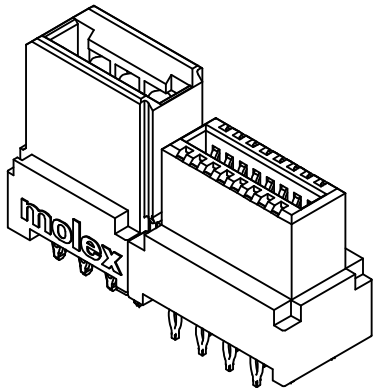
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

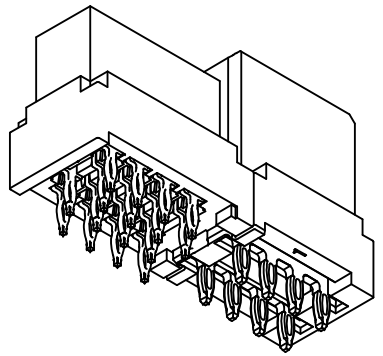
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-2121	TIN	23.34/.919	23.88/.940	2.69/.106
16	46114-2161	TIN	25.88/1.019	26.42/1.040	
20	46114-2201	TIN	28.42/1.119	28.96/1.140	
24	46114-2241	TIN	30.96/1.219	31.50/1.240	
28	46114-2281	TIN	33.50/1.319	34.04/1.340	
32	46114-2321	TIN	36.04/1.419	36.58/1.440	
36	46114-2361	TIN	38.58/1.519	39.12/1.540	
40	46114-2401	TIN	41.12/1.619	41.66/1.640	











MATERIAL # 46114-2161 SHOWN

UPDATE LOGO
EC NO: S2016-10044 2016/05/18
DRWN:ALIN06 2016/06/03
CHKD:JZENG
APPR:KHLIM 2016/06/10
DESCRIPTION
D3
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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MKARADIMAS	07/23/07
CHECKED BY	APATEL	07/25/07
APPROVED BY	JCOMERCI	2009/12/03

TITLE: LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-46114-200
SHEET NO.: 2 3

SIZE C

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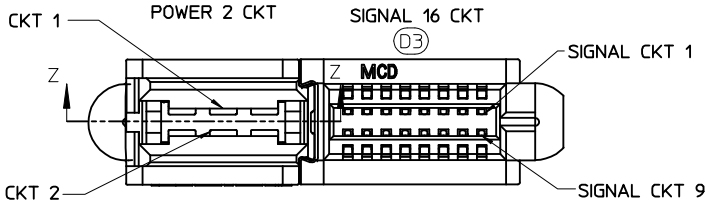
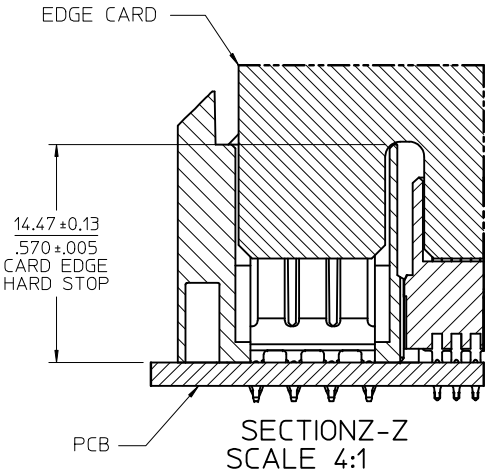
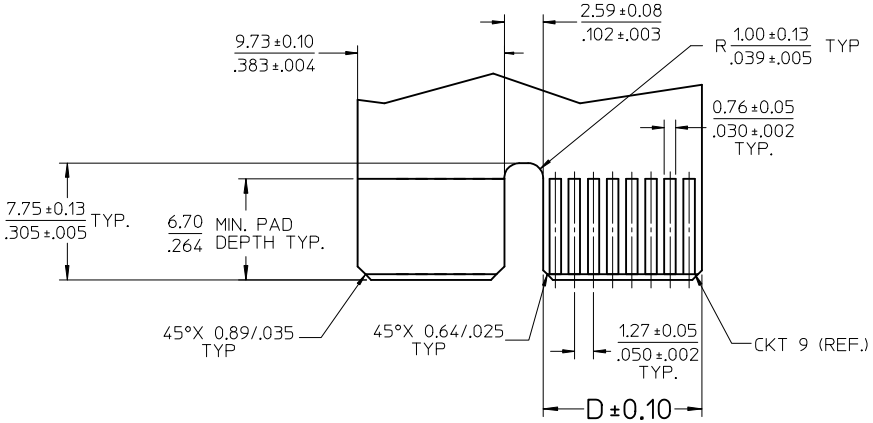
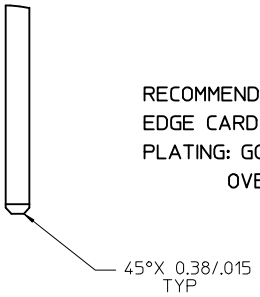




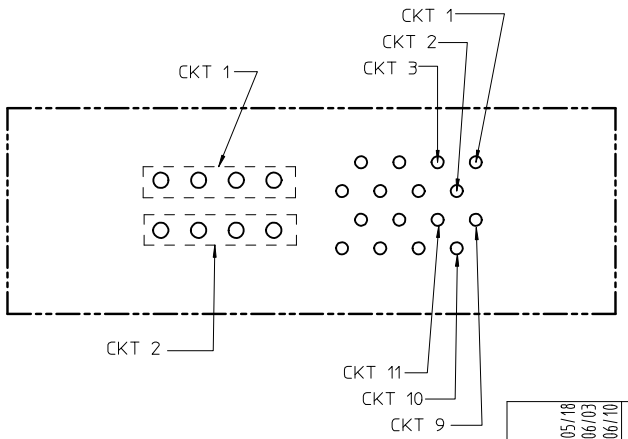
SECTIONZ-Z
SCALE 4:1

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.



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS.

UPDATE LOGO
EC NO: S2016-04044 2016/05/18
DRWN:AL IN06 2016/06/03
CHKD:JZENG
APPR:KHLIM 2016/06/10
DESCRIPTION
D3
REV

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: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MKARADIMAS DATE: 07/23/07
CHECKED BY: APATEL DATE: 07/25/07
APPROVED BY: JCOMERCI DATE: 2009/12/03

TITLE: LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-46114-200
SHEET NO.: 3 OF 3
SIZE: C

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