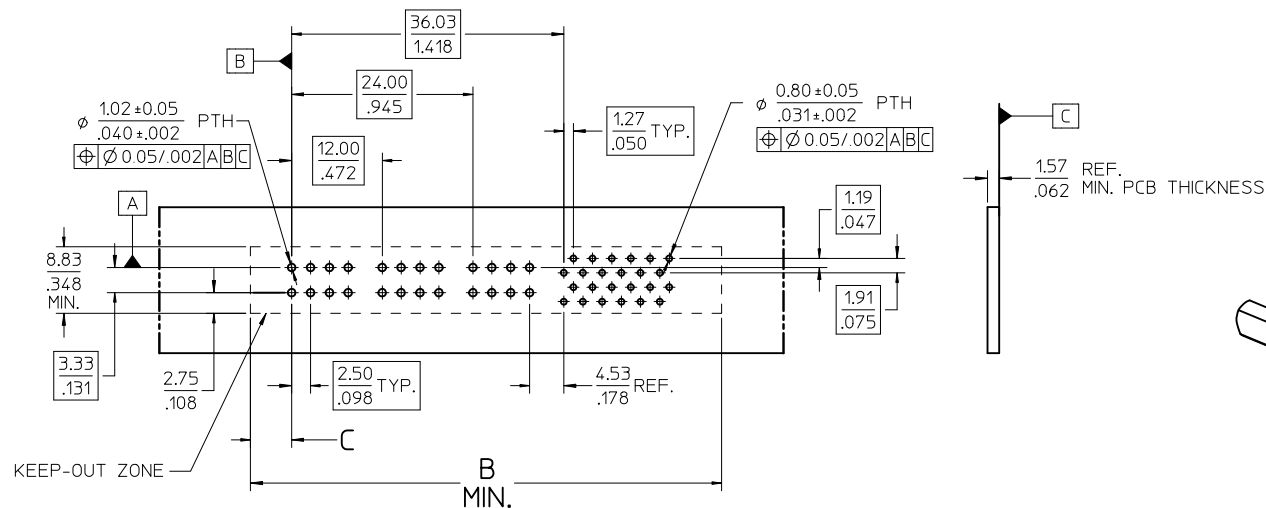
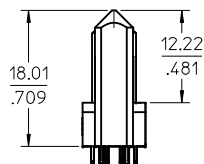




PCB COMPONENT SIDE

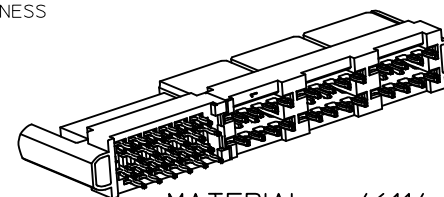
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-6120	TIN	53.01/2.087	53.51/2.107	5.45/.215
	46114-7012	TIN-LEAD			
16	46114-6160	TIN	55.55/2.187	56.05/2.207	
	46114-7160	TIN-LEAD			
20	46114-6200	TIN	58.09/2.287	58.59/2.307	
	46114-7200	TIN-LEAD			
24	46114-6240	TIN	60.63/2.287	61.13/2.407	
	46114-7240	TIN-LEAD			
28	46114-6280	TIN	63.17/2.387	63.67/2.507	
	46114-7280	TIN-LEAD			
32	46114-6320	TIN	65.71/2.487	66.21/2.607	
	46114-7320	TIN-LEAD			
36	46114-6360	TIN	68.25/2.587	68.75/2.707	
	46114-7360	TIN-LEAD			
40	46114-6400	TIN	70.79/2.787	71.29/2.807	
	46114-7400	TIN-LEAD			

NOTES:

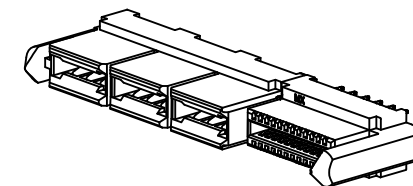
- NOTES:
1. MATERIAL: HOUSING: LCP, 94-VO, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.
2. FINISH: SELECT GOLD - 0.75 μ M/30 μ INCHES

SELECTED TIN - 2.50 $\mu\text{M}/100 \mu\text{ INCHES}$
OR SELECTED TIN-LEAD - 1.91 $\mu\text{M}/75 \mu\text{ INCHES}$
BOTH OVER NICKEL - 1.25 $\mu\text{M}/50 \mu\text{ INCHES}$

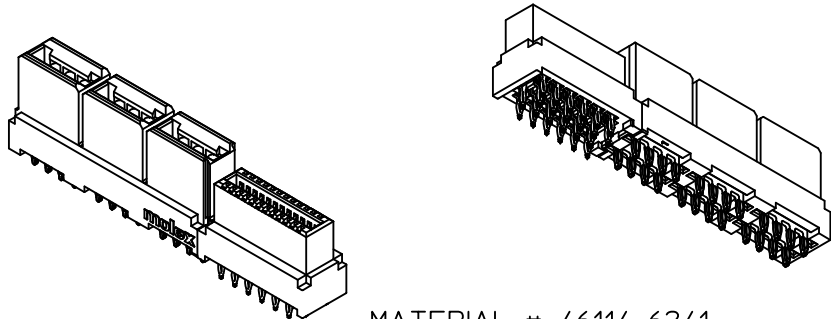
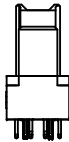
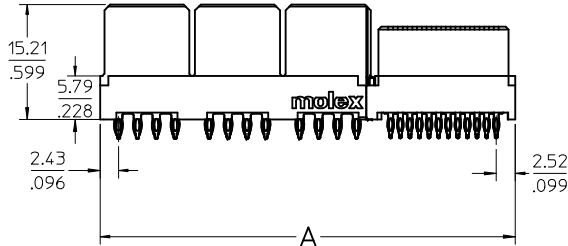
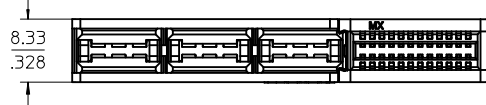
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
4. PARTS ARE RoHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR EDGE CARD 1571/062.
6. PRODUCT SPECIFICATION PS-46114-001.
7. PACKAGING: PER PK-46114-003.



MATERIAL # 46114-6240 SHOWN



ADDED: PRESS FIT EC NO: UCP2010-1199 DRAWN: MKARADIMAS 2009/11/130 CHKO: 2009/12/03 APPR: JCOMERC 2009/12/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 6 CIRCUIT PWR CONNECTOR, PRESS FIT (C)		
		4 PLACES	± ---	± ---	MKARADIMAS	2005/11/28			
		3 PLACES	± ---	± .010	CHECKED BY	DATE			
		2 PLACES	± 0.25	± ---	APATEL	10/13/06			
		1 PLACE	± ---	± ---	APPROVED BY	DATE	molex MOLEX INCORPORATED		
		ANGULAR ±1/2°		JCOMERC 2009/12/03	MATERIAL NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-46114-600		1 OF 3			
SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



MATERIAL # 46114-6241

NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-6121	TIN	47.34/1.864	47.84/1.883	2.69/106
	46114-7121	TIN-LEAD			
16	46114-6161	TIN	49.88/1.964	50.38/1.983	
	46114-7161	TIN-LEAD			
20	46114-6201	TIN	52.42/2.064	52.92/2.083	
	46114-7201	TIN-LEAD			
24	46114-6241	TIN	54.96/2.164	55.46/2.183	
	46114-7241	TIN-LEAD			
28	46114-6281	TIN	57.50/2.264	58.00/2.283	
	46114-7281	TIN-LEAD			
32	46114-6321	TIN	60.04/2.364	60.54/2.383	
	46114-7321	TIN-LEAD			
36	46114-6361	TIN	62.58/2.464	63.08/2.483	
	46114-7361	TIN-LEAD			
40	46114-6401	TIN	65.12/2.564	65.62/2.583	
	46114-7401	TIN-LEAD			

RELEASED
EC NO: UCP2010-1199
DRAWN: MKARADIMAS 2009/11/30
CHKD: 2009/12/03
APPR: JCOMERC I 2009/12/08

REV
C1

DESCRIPTION

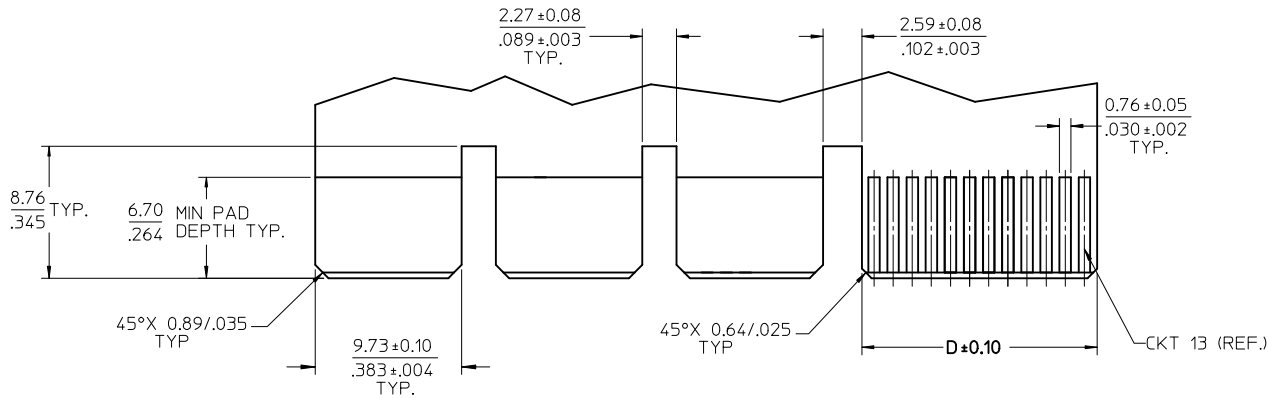
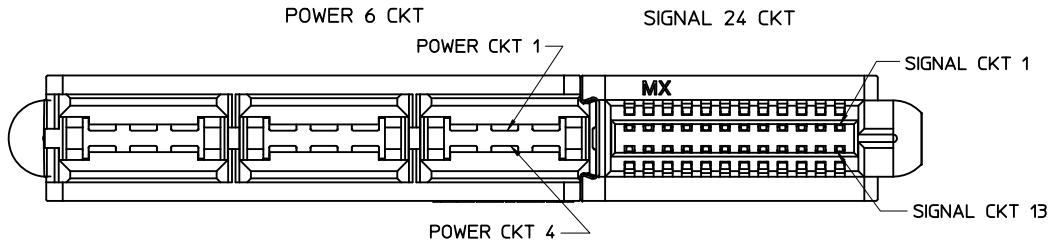
QUALITY SYMBOLS

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
DATE
20051128
CHECKED BY
APATEL
DATE
10/13/06
APPROVED BY
JCOMERC I
DATE
2009/12/03
MATERIAL NO.
SEE CHART
SIZE
C

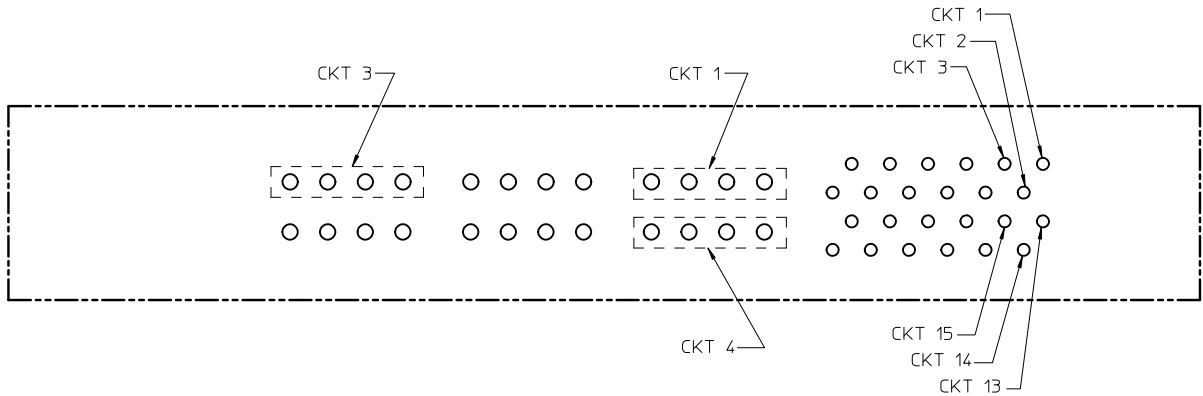
DIMENSION STYLE
MM/IN
SCALE
2:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
LPH VERTICAL RECEPTACLE
ASSEMBLY 6 CIRCUIT
PWR CONNECTOR, PRESS FIT
MOLEX MOLEX INCORPORATED
DOCUMENT NO.
SD-46114-600
SHEET NO.
2 OF 3

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



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 157/.062
PLATING: GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL.

45°X 0.38/.015 TYP



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS.

RELEASED EC NO: UCP2010-1199 DRAWN: MKARADIMAS 2009/11/30 CHKD: 2009/12/03 APPR: JCOMERC I 2009/12/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY MKARADIMAS	DATE 20051128	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 6 CIRCUIT PWR CONNECTOR, PRESS FIT				
		4 PLACES ± ---	± ---	CHECKED BY APATEL	DATE 10/13/06	APPROVED BY JCOMERC I				
		3 PLACES ± ---	± .010	DATE 2009/12/03		DOCUMENT NO. SD-46114-600				
		2 PLACES ± 0.25	± ---	MATERIAL NO.		SHEET NO. 3 OF 3				
1 PLACE ± ---	± ---	ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		