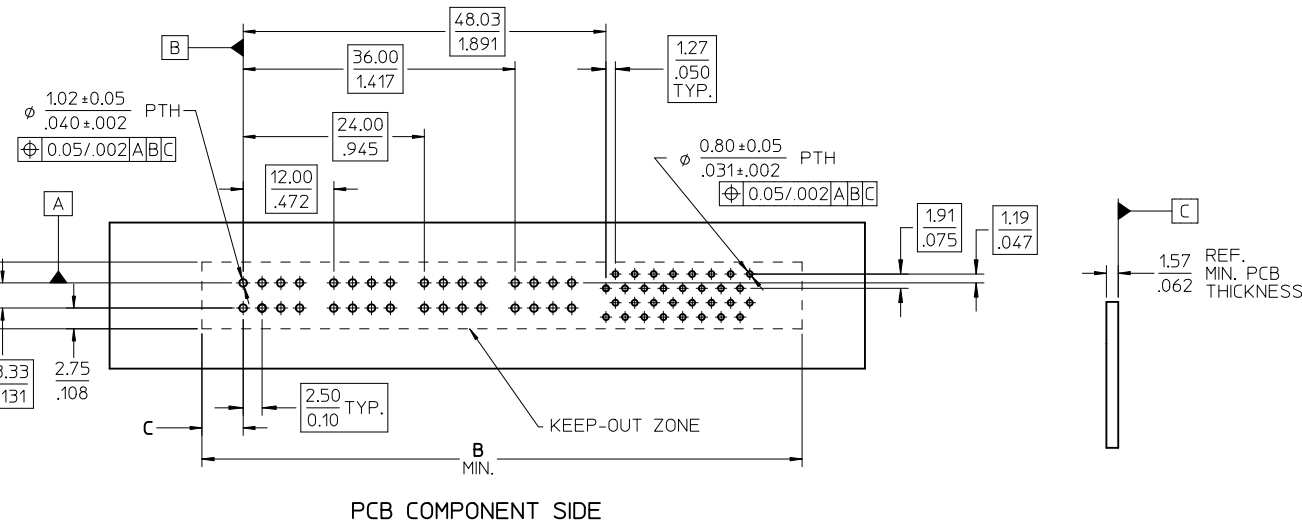
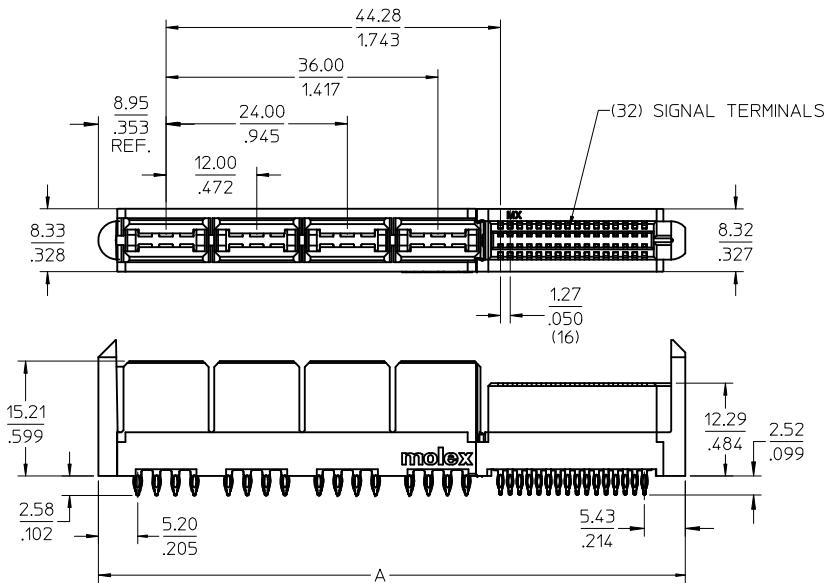
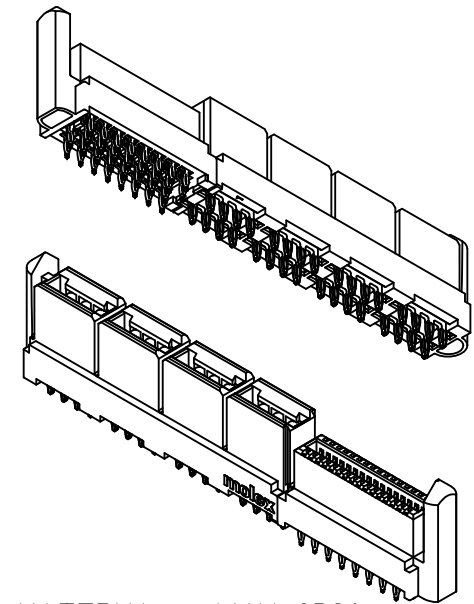




- NOTES:
1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.
 2. FINISH: SELECT GOLD - 0.75 μ M/30 μ INCHES
SELECTED TIN - 2.50 μ M/100 μ INCHES
OR SELECTED TIN-LEAD - 1.88 μ M/75 μ INCHES
BOTH OVER NICKEL - 1.25 μ M/50 μ INCHES
 3. POWER 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.

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/.215
	46114-9120	TIN-LEAD			
16	46114-8160	TIN	67.55/2.659	68.05/2.679	
	46114-9160	TIN-LEAD			
20	46114-8200	TIN	70.09/2.759	70.59/2.779	
	46114-9200	TIN-LEAD			
24	46114-8240	TIN	72.63/2.859	73.13/2.879	
	46114-9240	TIN-LEAD			
28	46114-8280	TIN	75.17/2.959	75.67/2.979	
	46114-9280	TIN-LEAD			
32	46114-8320	TIN	77.71/3.059	78.21/3.079	
	46114-9320	TIN-LEAD			
36	46114-8360	TIN	80.25/3.159	80.75/3.179	
	46114-9360	TIN-LEAD			
40	46114-8400	TIN	82.79/3.259	83.29/3.279	
	46114-9400	TIN-LEAD			



MATERIAL # 46114-8320
SHOWN

ADDED: PRESS FIT EC NO: UCP2010-1199 DRAWN:MKARADIMAS 2009/11/30 CHKD: 2009/12/03 APPR: JCOMERC I 2009/12/08	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT ©
					mm	INCH	DRAWN BY MKARADIMAS	DATE 07/18/07	TITLE		
				4 PLACES	± ---	± ---	CHECKED BY	DATE			
				3 PLACES	± ---	± .010	APATEL	07/20/07			
				2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
				1 PLACE	±	± ---	JCOMERC I	2009/12/03			
				ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-46114-800		
							SIZE				
							C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
					SHEET NO. 1 OF 3						

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

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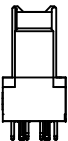
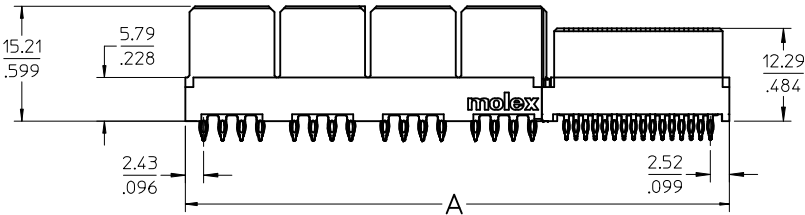
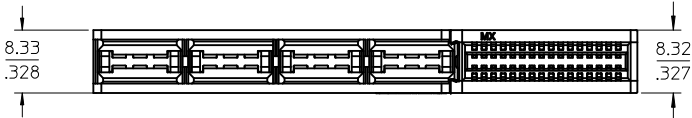
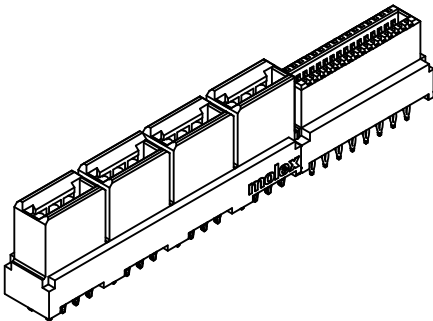
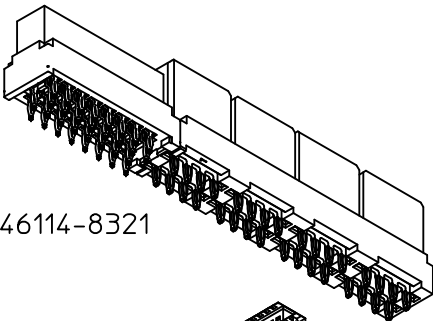
D

C

B

A

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	2.69/106
	46114-9121	TIN-LEAD			
16	46114-8161	TIN	61.88/2.436	62.38/2.456	
	46114-9161	TIN-LEAD			
20	46114-8201	TIN	64.42/2.536	64.92/2.556	
	46114-9201	TIN-LEAD			
24	46114-8241	TIN	66.96/2.636	67.46/2.656	
	46114-9241	TIN-LEAD			
28	46114-8281	TIN	69.50/2.736	70.00/2.756	
	46114-9281	TIN-LEAD			
32	46114-8321	TIN	72.04/2.836	72.54/2.856	
	46114-9321	TIN-LEAD			
36	46114-8361	TIN	74.58/2.936	75.08/2.956	
	46114-9361	TIN-LEAD			
40	46114-8401	TIN	77.12/3.036	77.62/3.056	
	46114-9401	TIN-LEAD			

SEE SHT 1
EC NO: UCP2010-1199
DRAWN: MKARADIMAS 2009/11/30
CHKD: 2009/12/03
APPR: JCOMERC I 2009/12/08

REV 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 07/18/07

CHECKED BY APATEL DATE 07/20/07

APPROVED BY JCOMERC I DATE 2009/12/03

MATERIAL NO.

SEE CHART

SIZE C

SCALE 2:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

TITLE
LPH VERTICAL RECEPTACLE
COMPLIANT PIN ASSEMBLY
8CKT PWR CONN, PRESS FIT

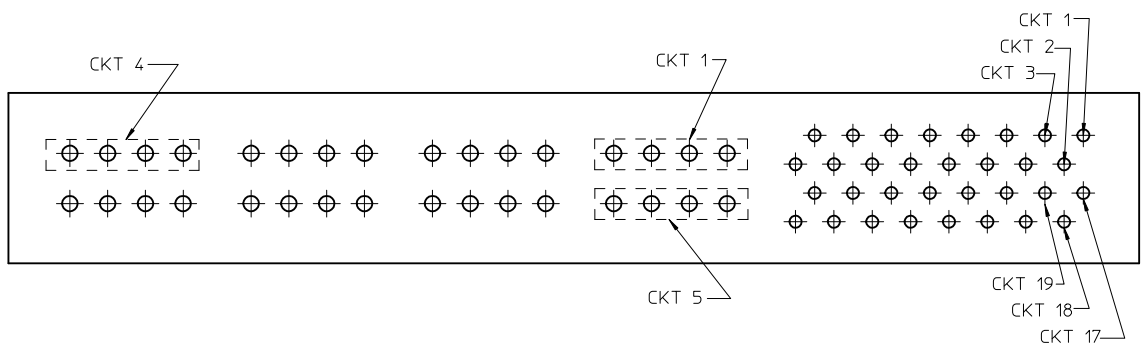
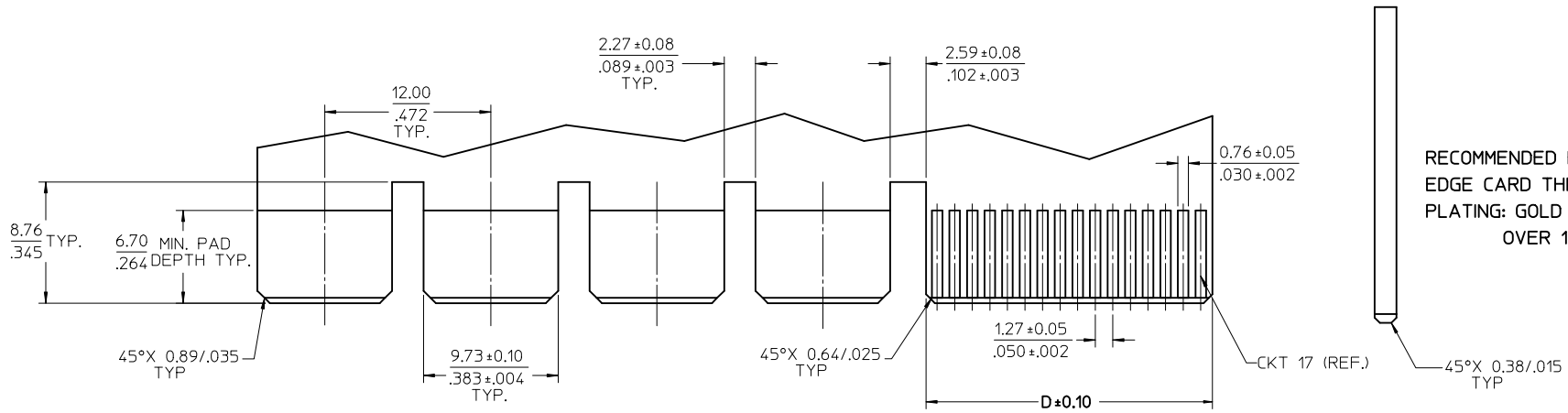
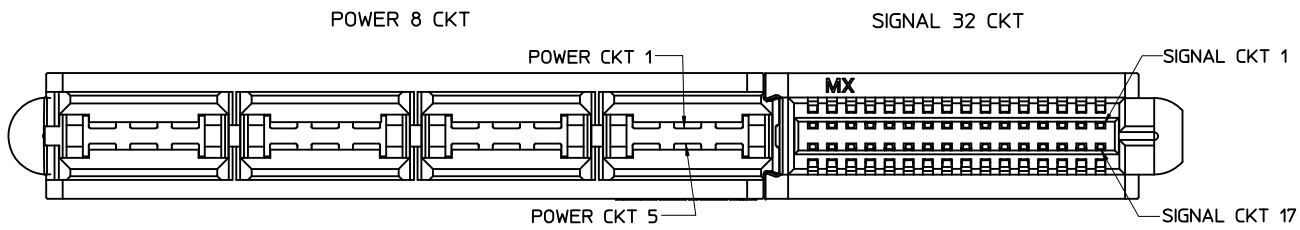
MOLEX MOLEX INCORPORATED

DOCUMENT NO. SD-46114-800

SHEET NO. 2 OF 3

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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



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS.

SEE SHT 1 EC NO: UCP2010-1199 DRAWN: MKARADIMAS 2009/11/30 CHKD: 2009/12/03 APPR: JCOMERC I 2009/12/08 C1	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY MKARADIMAS	DATE 07/18/07	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 8CKT PWR CONN, PRESS FIT		
			4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 07/20/07			
			3 PLACES	± ---	± .010					
			2 PLACES	± 0.25	± ---					
			1 PLACE	±	± ---	APPROVED BY JCOMERC I	DATE 2009/12/03			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			SHEET NO. 3 OF 3
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-46114-800			
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			