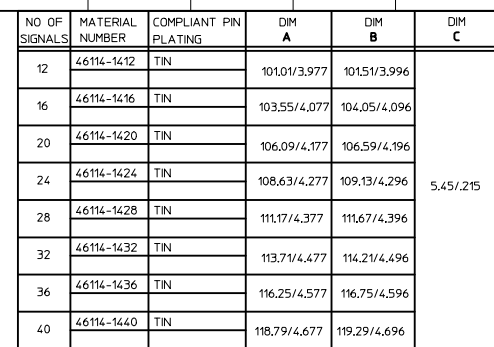
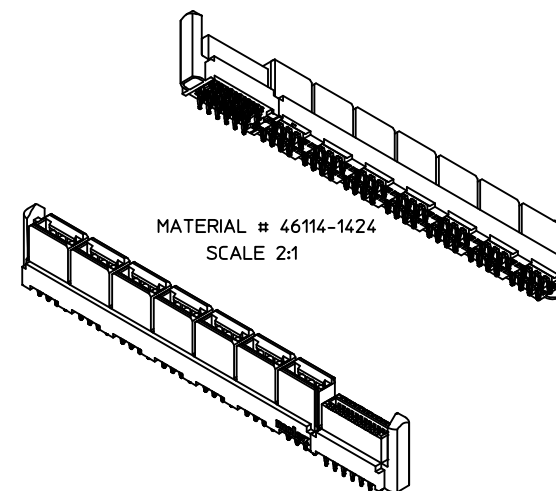
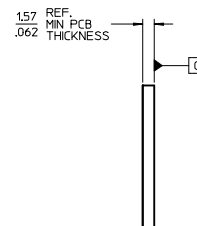
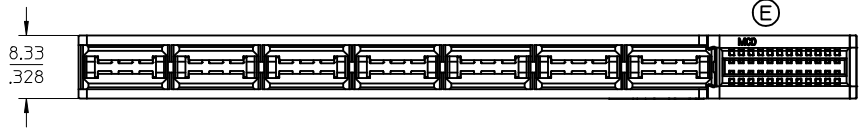


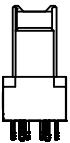
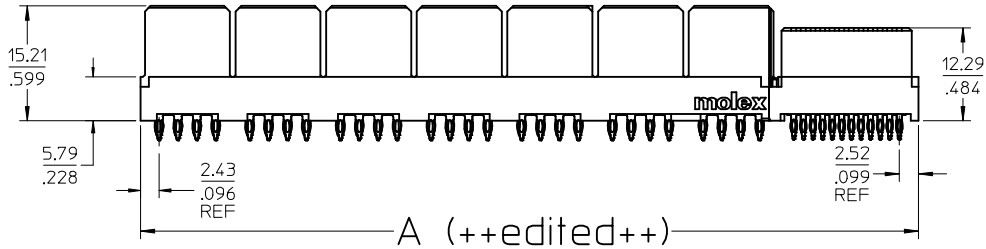
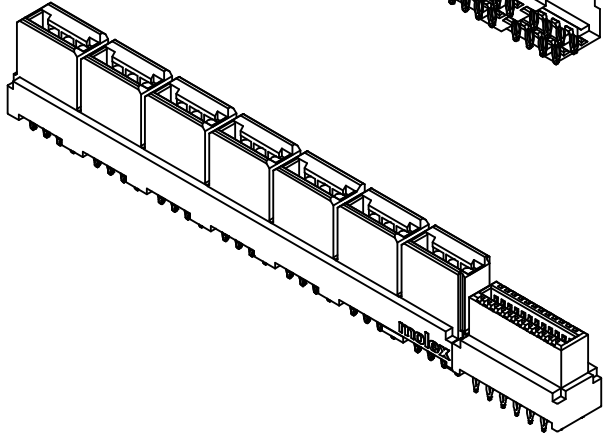
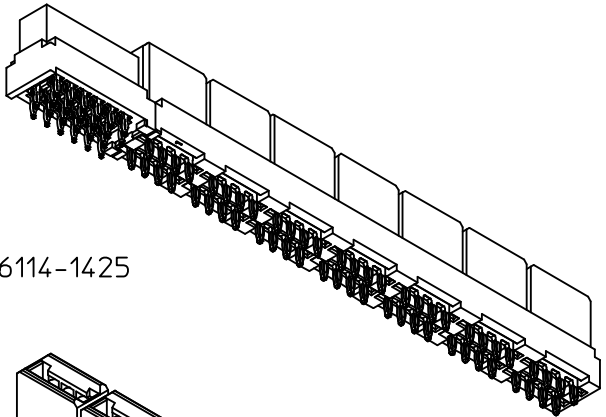
NOTES:
1. MATERIAL: HOUSING: LCP, 94-VO, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.
2. FINISH: SELECT GOLD - .075 μ M/30 μ INCHES
SELECTED TIN - 250 μ M/10 μ INCHES
BOTH OVER NICKEL - .125 μ M/50 μ INCHES
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
4. PARTS ARE ROHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR EDGE CARD 157/062.
6. PRODUCT SPECIFICATIONS: 250-414-001.
7. PACKAGING: PER PK-46114-003.



UPDATE LOGO EC PN: S2076-1044 ORIGINAL INQ 2016/05/18 CHKD JEN 2016/06/03 APPR LHM 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	DESCRIPTION		mm	INCH	MM/IN		2:1	METRIC		
		4 PLACES +---+---	+---+	+---+	DRAWN BY	DATE	TITLE			
		3 PLACES +---+---	+---+	+---+	CHECKED BY	DATE	LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY			
		2 PLACES +---+---	+---+	+---+	APATEL	2007/07/20	14CKT PWR CON, PRESS FIT			
		1 PLACE +---+---	+---+	+---+	APPROVED BY	DATE	MOLEX INCORPORATED			
	ANGULAR ±1/2°		JCMORC1	2009/12/03	DOCUMENT NO.		SD-46114-140			
REVISION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SHEET NO. 1 OF 3				
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



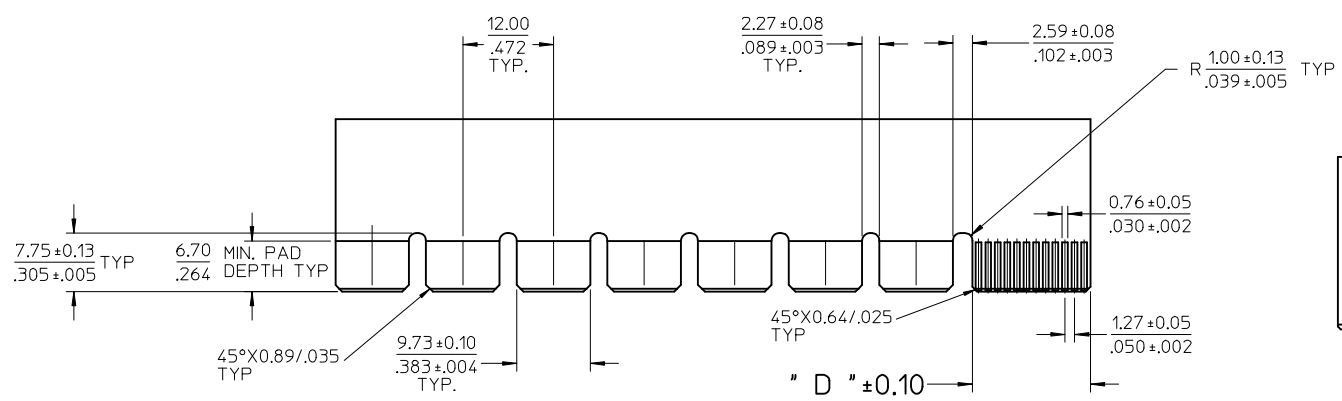
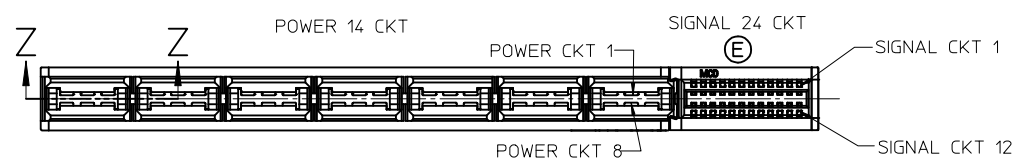
MATERIAL # 46114-1425
SHOWN



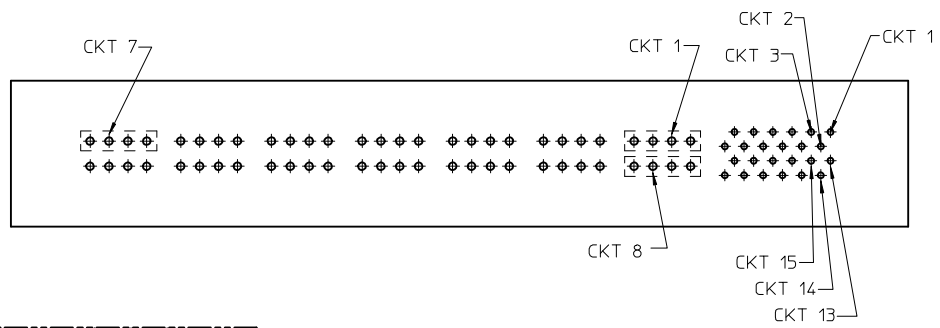
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1413	TIN	95.34/3.754	95.84/3.773	2.69/1.106
16	46114-1417	TIN	97.88/3.854	98.38/3.873	
20	46114-1421	TIN	100.42/3.954	100.92/3.973	
24	46114-1425	TIN	102.96/4.054	103.46/4.073	
28	46114-1429	TIN	105.50/4.154	106.00/4.173	
32	46114-1433	TIN	108.04/4.254	108.54/4.273	
36	46114-1437	TIN	110.58/4.354	111.04/4.373	
40	46114-1441	TIN	113.12/4.454	113.62/4.473	

UPDATE LOGO EC NO: S2016-1044 2016/05/18 DRW:ALIN06 CHKD:JZENG APPR:KHLIM 2016/06/10	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					MM/IN		2:1	METRIC			
				mm	INCH	DRAWN BY		DATE		TITLE	
			4 PLACES	± ---	± ---	MKARADIMAS		2007/07/18			
			3 PLACES	± ---	± .010	CHECKED BY		DATE			
			2 PLACES	± 0.25	± ---	APATEL		2007/07/20			
1 PLACE	± ---	± ---	APPROVED BY		DATE		MOLEX MOLEX INCORPORATED				
ANGULAR ±1/2°		JCOMERCI		2009/12/03							
			DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			MUST REMAIN		SIZE		SD-46114-140		2 OF 3		
			WITHIN DIMENSIONS		C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

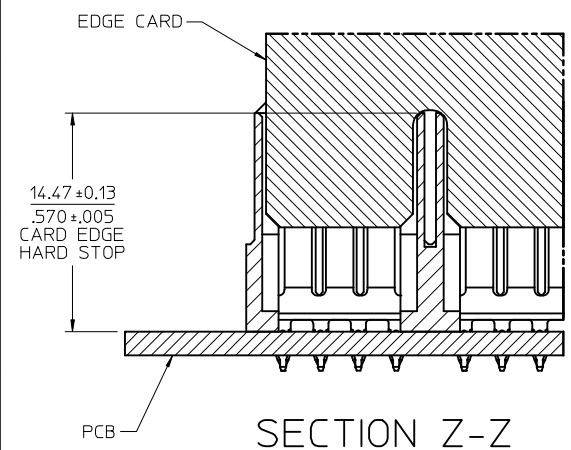
NO OF SIGNAL	DIM. D
12	8.00/.315
16	10.54/.415
20	13.08/.515
24	15.62/.615
28	18.16/.715
32	20.70/.815
36	23.24/.915
40	25.78/1.015



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

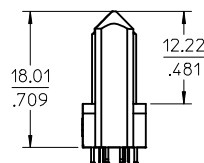


PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS

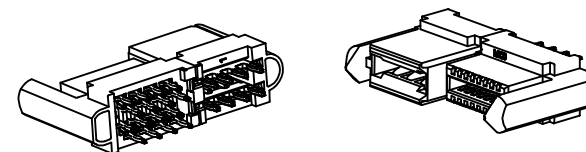


SECTION Z-Z
SCALE 4:1

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		
	REV	4 PLACES ± ---	mm	INCH	DRAWN BY MKARADIMAS	DATE 2007/07/18	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-46114-140 SHEET NO. 3 OF 3			
		3 PLACES ± ---	± .010	---	CHECKED BY APATEL	DATE 200707/20				
		2 PLACES ± 0.25	± ---	---	APPROVED BY JCOMERC	DATE 2009/12/03				
		1 PLACE ± ---	± ---	---						
		ANGULAR ±1/2°								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								



3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
4. PARTS ARE RoHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR CARD EDGE 1571062.
6. PRODUCT SPECIFICATION PS-46114-001.
7. PACKAGING: PER PK-46114-003.



MATERIAL # 46114-2160 SHOWN

UPDATE LOGO EC NO: S2016-1044 2016/05/18 DRWAL:IN06 CHKD:JZENG 2016/06/03 APPR:KHLIM 2016/06/10	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM/IN		2:1	METRIC			
						DRAWN BY DATE		TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT				
						MKARADIMAS 07/23/07						
			4 PLACES ± --- ± ---			CHECKED BY DATE		MOLEX MOLEX INCORPORATED				
			3 PLACES ± --- ± .010			APATEL 07/25/07						
			2 PLACES ± 0.25 ± ---			APPROVED BY DATE		DOCUMENT NO. SHEET NO. SD-46114-200 1 OF 3				
			1 PLACE ± --- ± ---			JCOMERCI 2009/12/03						
			ANGULAR ±1/2°			MATERIAL NO.		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART						

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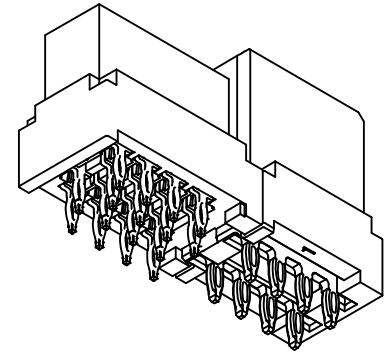
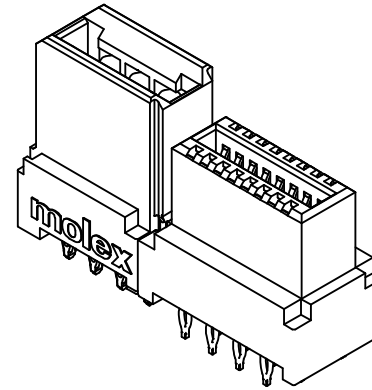
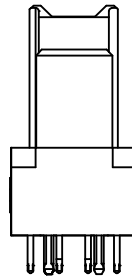
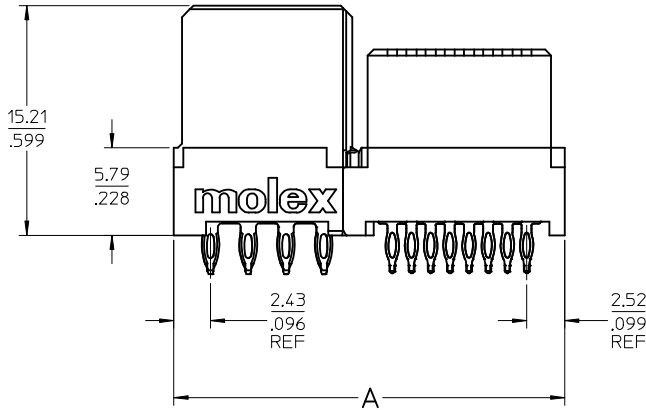
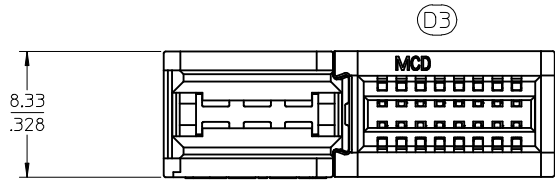
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MATERIAL # 46114-2161 SHOWN

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	

UPDATE LOGO EC NO: S2016-10044 2016/05/18 DRW:ALIN06 CHKD:JZENG APPR:KHLIM 2016/06/03 2016/06/10	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY MKARADIMAS	DATE 07/23/07	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT					
			4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 07/25/07						
			3 PLACES	± ---	± .010								
			2 PLACES	± 0.25	± ---	APPROVED BY JCOMERCI		DATE 2009/12/03	molex	MOLEX INCORPORATED			
			1 PLACE	± ---	± ---								
						ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-46114-200		2 3				
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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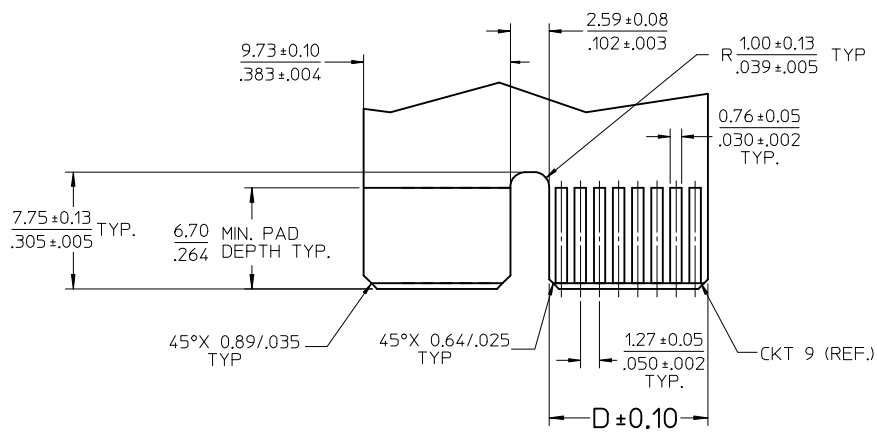
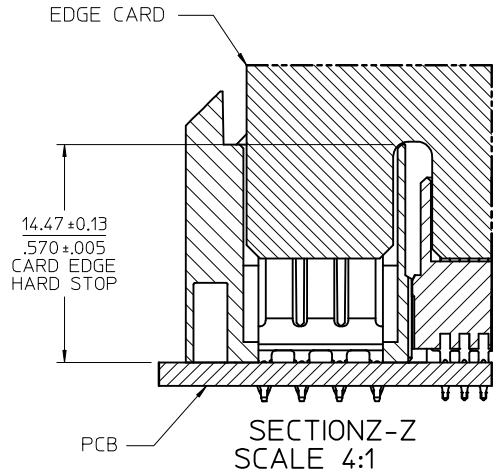
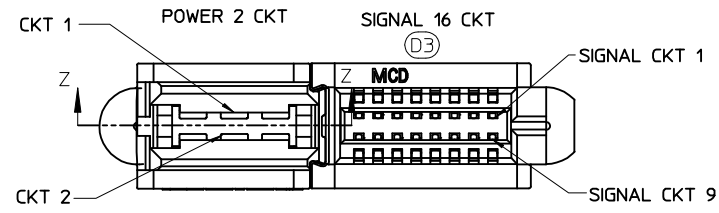
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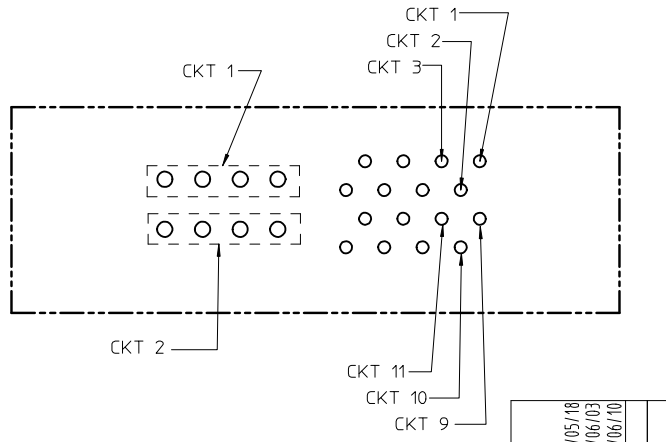
B

A

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: S200604044
2016/05/18
DRAWN: LING
CHKD: JZENG
APPR: KHLIM
2016/06/03
2016/06/10

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
4 PLACES	± ---	mm	INCH	DRAWN BY MKARADIMAS	DATE 07/23/07	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT
3 PLACES	± ---	± .010		CHECKED BY APATEL	DATE 07/25/07	
2 PLACES	± 0.25	± ---		APPROVED BY JCOMERC I	DATE 2009/12/03	
1 PLACE	± ---	± ---				
ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 3 OF 3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-46114-200		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						