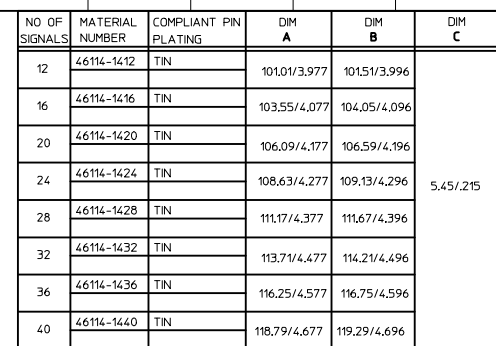
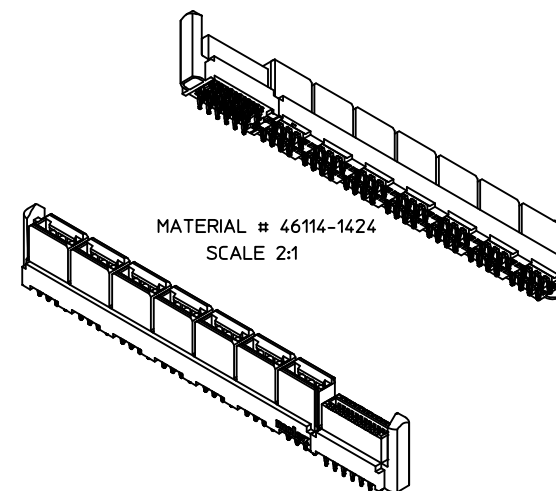
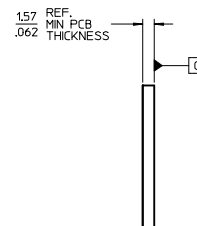
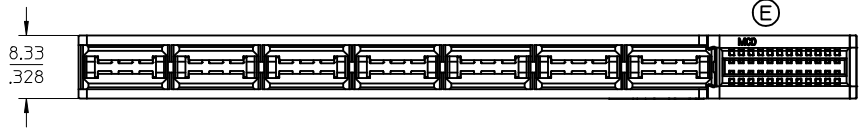


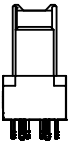
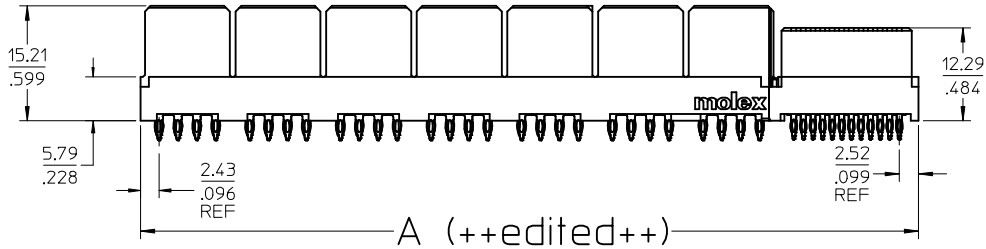
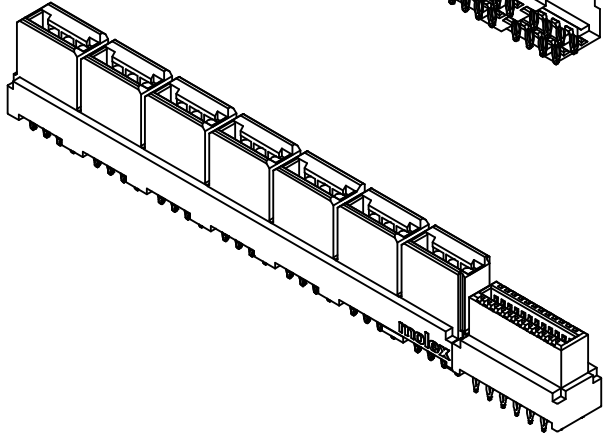
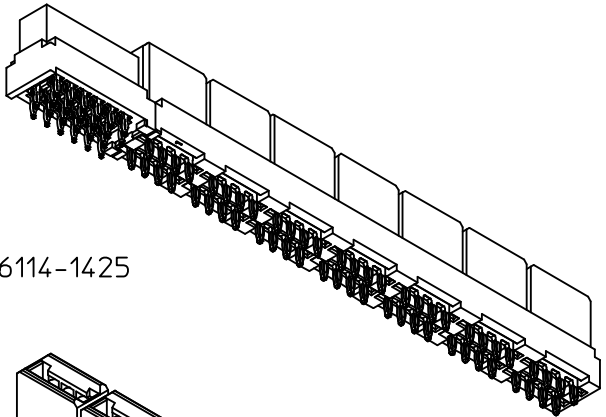
NOTES:
1. MATERIAL: HOUSING: LCP, 94-VO, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.
2. FINISH: SELECT GOLD - .075 μ M/30 μ INCHES
SELECTED TIN - 250 μ M/10 μ INCHES
BOTH OVER NICKEL - .125 μ M/50 μ INCHES
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
4. PARTS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



UPDATE LOGO EC NO: S2076-1044 ORIGINAL INQ6 2016/05/18 CHKCD: JENG 2016/06/03 APPROVAL IN 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DESCRIPTION		mm	INCH	DRAWN BY MKARDIAS	DATE 2007/07/18	TITLE	LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT	
		4 PLACES	±---	±---	CHECKED BY	DATE			
		3 PLACES	±---	±.010	APATEL	2007/07/20			
		2 PLACES	±0.25		APPROVED BY	DATE			
1 PLACE	±---		JCOMERC I	2009/12/03	 MOLEX INCORPORATED				
REV		ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SD-46114-140		SHEET NO. 1 OF 3	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



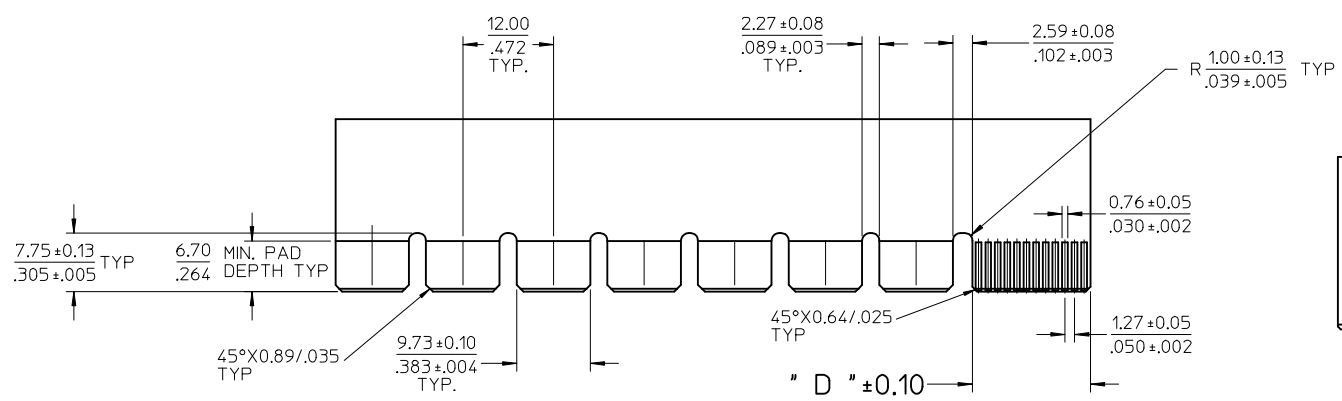
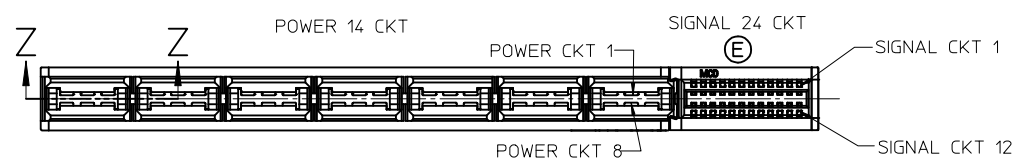
MATERIAL # 46114-1425
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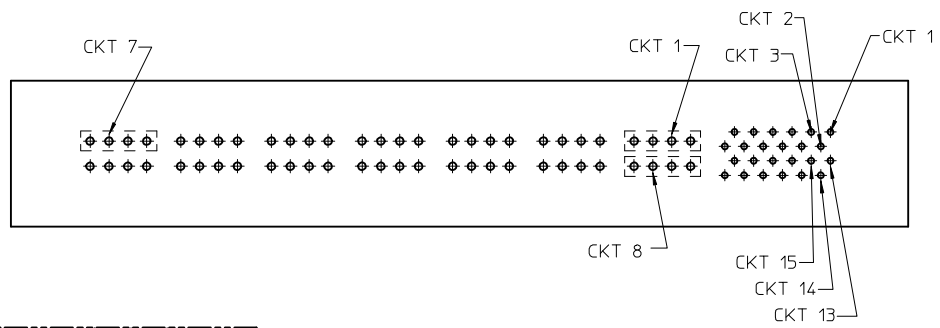
NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1413	TIN	95.34/3.754	95.84/3.773	2.69/1.106
16	46114-1417	TIN	97.88/3.854	98.38/3.873	
20	46114-1421	TIN	100.42/3.954	100.92/3.973	
24	46114-1425	TIN	102.96/4.054	103.46/4.073	
28	46114-1429	TIN	105.50/4.154	106.00/4.173	
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 MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY MKARADIMAS	DATE 2007/07/18	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT		
			4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 2007/07/20			
			3 PLACES	± ---	± .010	APPROVED BY JCOMERC I	DATE 2009/12/03			
			2 PLACES	± 0.25	± ---	MOLEX MOLEX INCORPORATED				
1 PLACE	± ---	± ---	ANGULAR ±1/2°		DOCUMENT NO. SD-46114-140		SHEET NO. 2 OF 3			
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

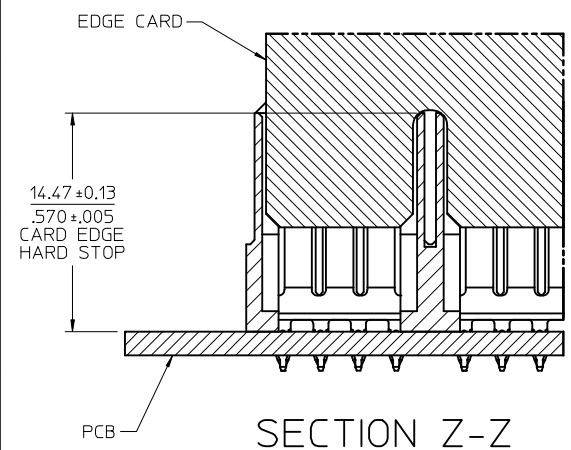
NO OF SIGNAL	DIM. D
12	8.00/.315
16	10.54/.415
20	13.08/.515
24	15.62/.615
28	18.16/.715
32	20.70/.815
36	23.24/.915
40	25.78/1.015



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

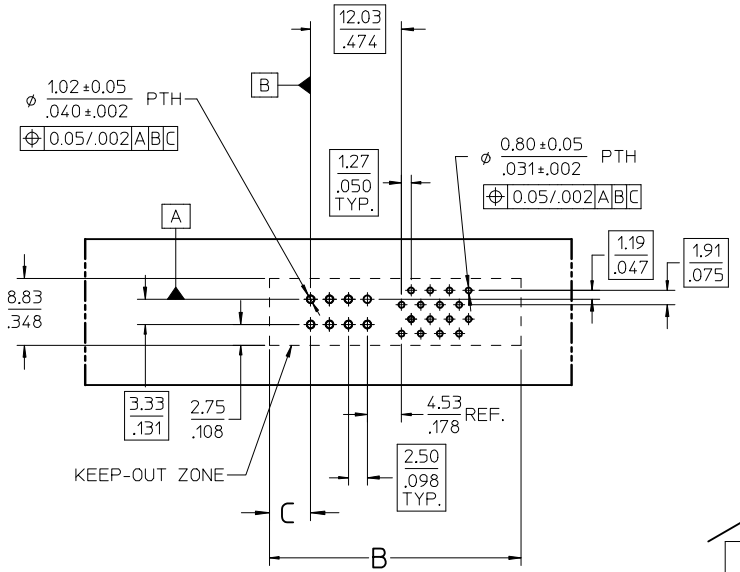
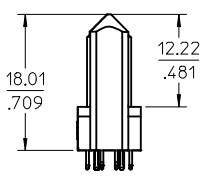
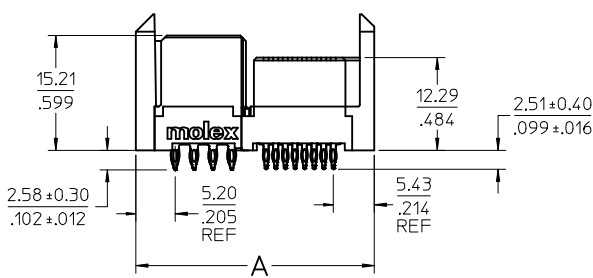
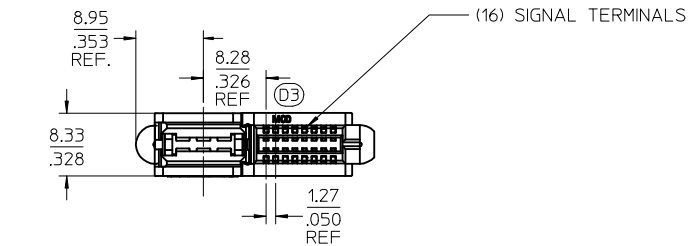


SECTION Z-Z
SCALE 4:1

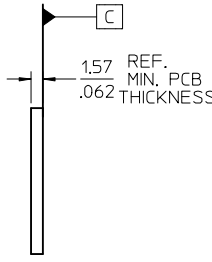
UPDATE LOGO EC NO: S2016-1044 DRWN:ALN06 2016/05/18 CHKD:JZENG 2016/06/03 APPR:KHLIM 2016/06/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	REV	4 PLACES ± ---	mm	INCH	DRAWN BY MKARADIMAS	DATE 2007/07/18	TITLE LPH VERTICAL RECEPTACLE COMPLIANT PIN ASSEMBLY 14CKT PWR CON, PRESS FIT			
		3 PLACES ± ---	± .010	± .010	CHECKED BY APATEL	DATE 2007/07/20				
		2 PLACES ± 0.25	± ---	± ---	APPROVED BY JCOMERC	DATE 2009/12/03	MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-46114-140			
		1 PLACE ± ---	± ---	± ---	ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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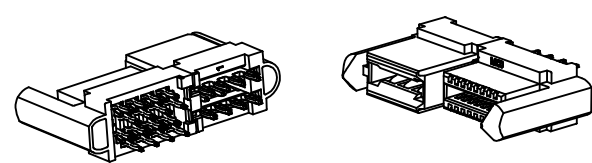


PCB COMPONENT SIDE



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-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 μ M/100 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 157/.062.
 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 DRWN:LIN06 CHKD:JZENG APPR:KHLIM 2016/06/10	DESCRIPTION	QUALITY SYMBOLS	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 ± --- ± ---	mm	INCH	DRAWN BY MKARADIMAS	DATE 07/23/07	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT	MOLEX MOLEX INCORPORATED	
						CHECKED BY APATEL	DATE 07/25/07			
						APPROVED BY JCOMERC I	DATE 2009/12/03			
ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-46114-200		1 OF 3			
D3			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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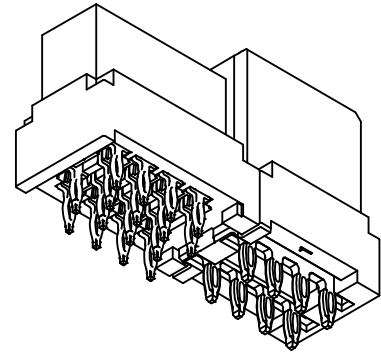
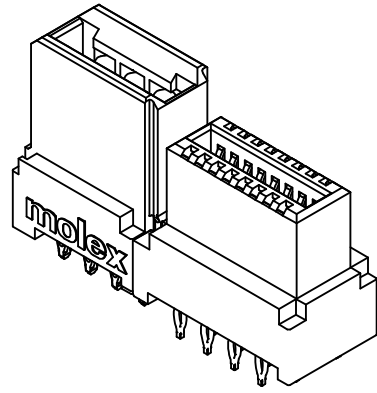
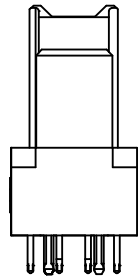
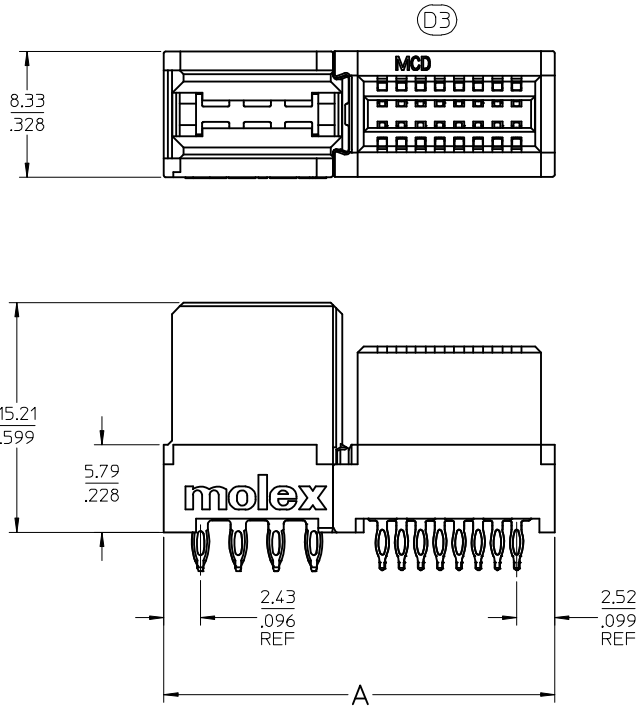
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MATERIAL # 46114-2161 SHOWN

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 DRAWN: IN06 CHKD: JZENG APPR: KHLIM 2016/06/03 2016/06/10	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					MM/IN		2:1	METRIC				
			4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT				
			3 PLACES	± ---	± .010	CHECKED BY	DATE					
			2 PLACES	± 0.25	± ---	APATEL	07/25/07					
			1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
	ANGULAR ±1/2°		JCOMERC I	2009/12/03								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
		SEE CHART		SD-46114-200		2 3						
D3	REV				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
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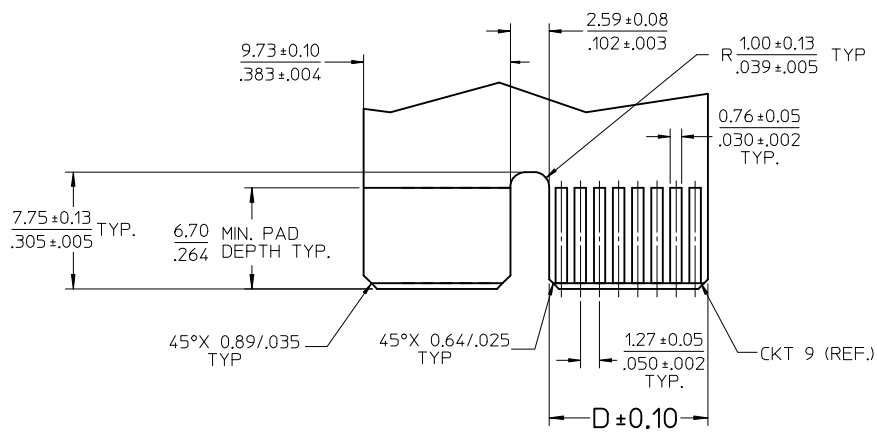
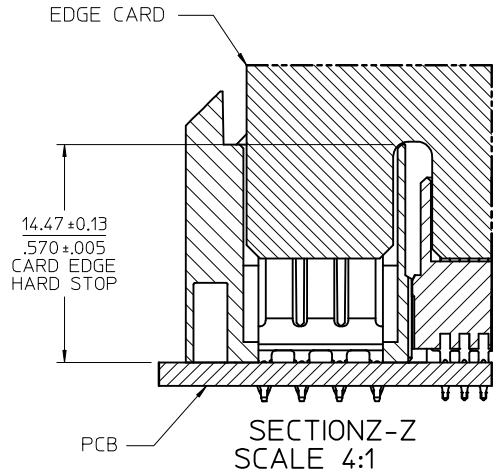
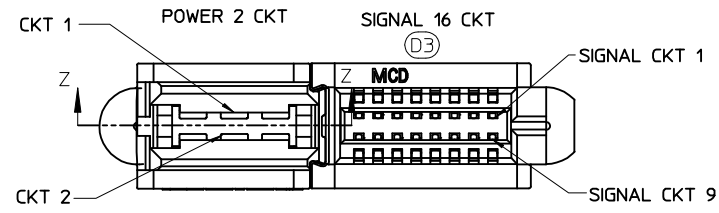
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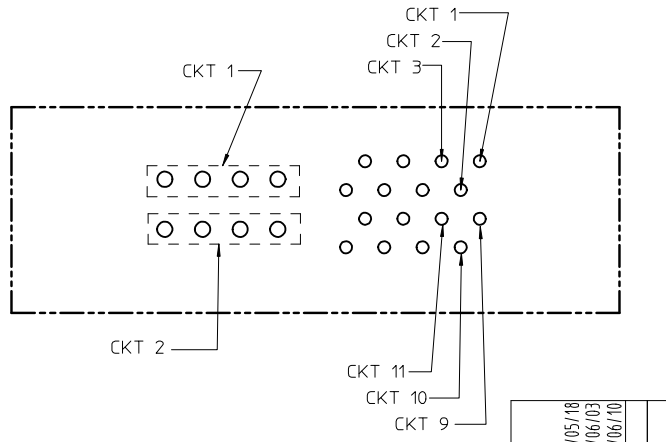
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NO OF SIGNAL	DIM. D
12	8.00/.315
16	10.54/.415
20	13.08/.515
24	15.62/.615
28	18.16/.715
32	20.70/.815
36	23.24/.915
40	25.78/1.015



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)

	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .005	± .0004
2 PLACES	± .005	± .0004
1 PLACE	± .005	± .0004

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
CHKD BY	DATE
APPR BY	DATE

APPROVED BY
JCOMERC I
2009/12/03

SEE CHART

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

LPH VERTICAL RECEPTACLE
ASSEMBLY 2 CIRCUIT
PWR CONNECTOR, PRESS FIT

MOLEX INCORPORATED

DOCUMENT NO.
SD-46114-200

SHEET NO.
3 OF 3