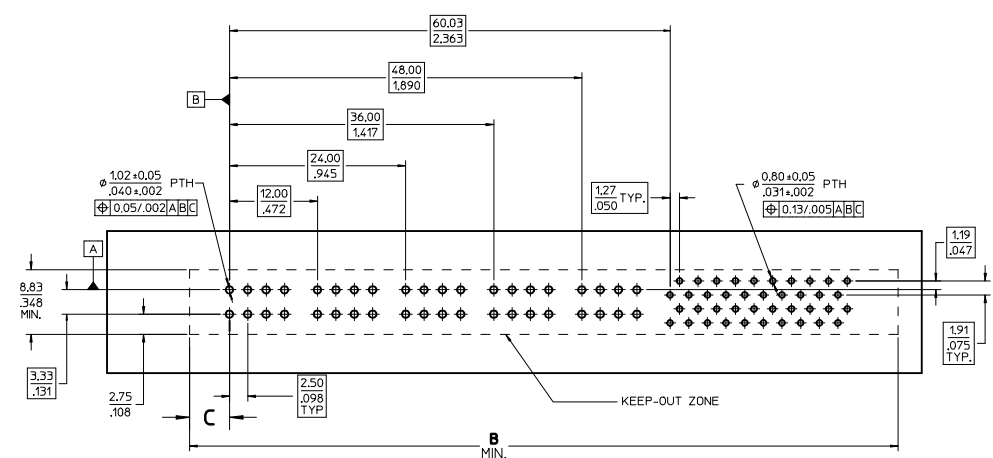
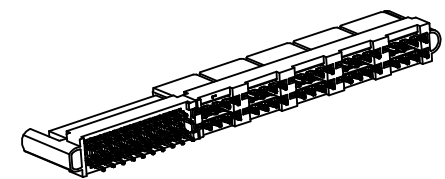


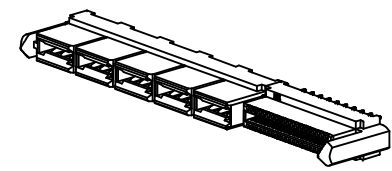
- NOTES:
1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK.
POWER CONTACTS: COPPER ALLOY.
SIGNAL CONTACTS: MODIFIED TIN BRASS.
 2. FINISH: SELECT GOLD - 0.75 μ M/30 μ INCHES
SELECTED TIN - 2.50 μ M/100 μ INCHES
OR SELECTED TIN-LEAD - 1.91 μ M/75 μ INCHES
BOTH OVER NICKEL - 1.25 μ M/50 μ INCHES
 3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
 4. PARTS ARE RoHS COMPLIANT.
 5. MATES TO MOLEX P/N 45985-SERIES OR EDGE CARD 157/062.
 6. PRODUCT SPECIFICATION PS-46114-001.
 7. PACKAGING: PER PK-46114-003.



PCB COMPONENT SIDE



MATERIAL # 46114-1040 SHOWN
SCALE 2:1



REV	DESCRIPTION	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		mm	INCH	mm	INCH	MM/IN	DATE							
1	OBSELETE TIN-LEAD P/N	4 PLACES	± .010	± .010	± .010	MM/IN	2011/08/04	2:1	METRIC	THIRD ANGLE PROJECTION	LPH VERTICAL RECEPTACLE	MOLEX INCORPORATED	SD-46114-100	1 OF 3
2	EC NO: UCP 2013-0722	3 PLACES	± .010	± .010	± .010	MM/IN	2011/08/05							
3	DRAWN: JUILLES	2 PLACES	± .025	± .025	± .025	MM/IN								
4	CHKD: MKARADI/MAS	1 PLACE	± .025	± .025	± .025	MM/IN								
5	APPR: APATEL	ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART								
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

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

J

I

H

G

F

E

D

C

B

A

J

I

H

G

F

E

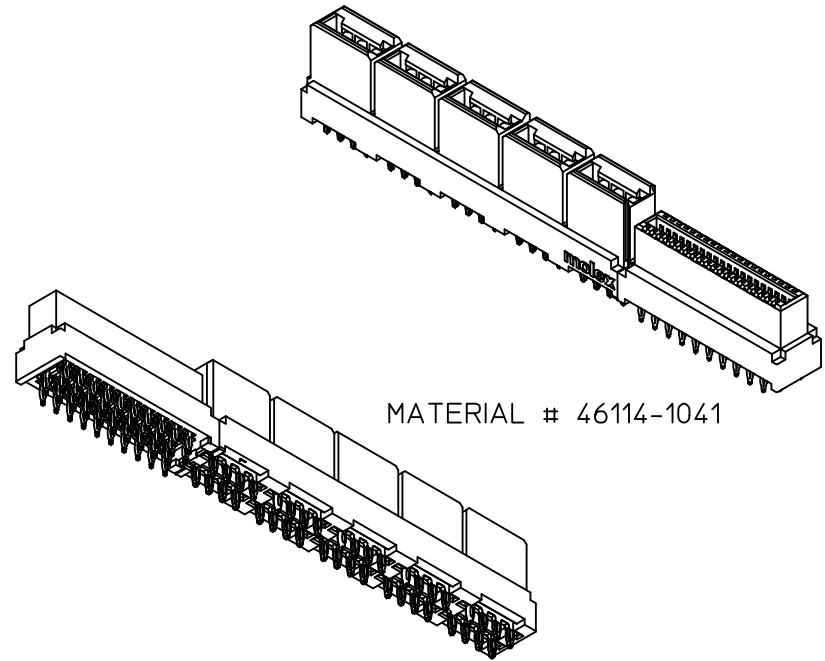
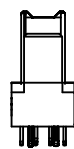
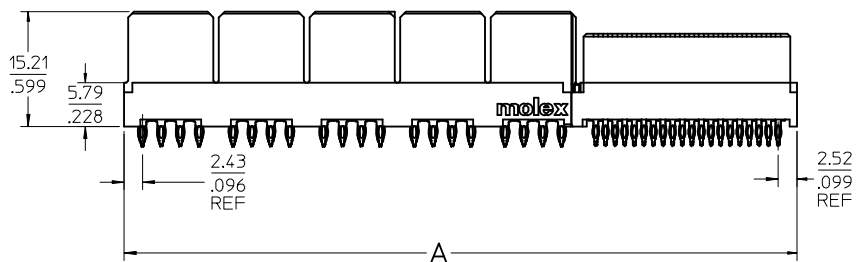
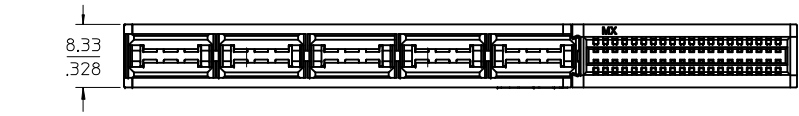
D

C

B

A

NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DIM A	DIM B	DIM C
12	46114-1013	TIN	71.34/2.809	71.84/2.828	2.69/106
	46114-1113	TIN-LEAD			
16	46114-1017	TIN	73.88/2.909	74.38/2.928	
	46114-1117	TIN-LEAD			
20	46114-1021	TIN	76.42/3.009	76.92/3.028	
	46114-1121	TIN-LEAD			
24	46114-1025	TIN	78.96/3.109	79.46/3.128	
	46114-1125	TIN-LEAD			
28	46114-1029	TIN	81.50/3.209	82.00/3.228	
	46114-1129	TIN-LEAD			
32	46114-1033	TIN	84.04/3.309	84.54/3.328	
	46114-1133	TIN-LEAD			
36	46114-1037	TIN	86.58/3.409	87.08/3.428	
	46114-1137	TIN-LEAD			
40	46114-1041	TIN	89.12/3.509	89.62/3.528	
	46114-1141	TIN-LEAD			



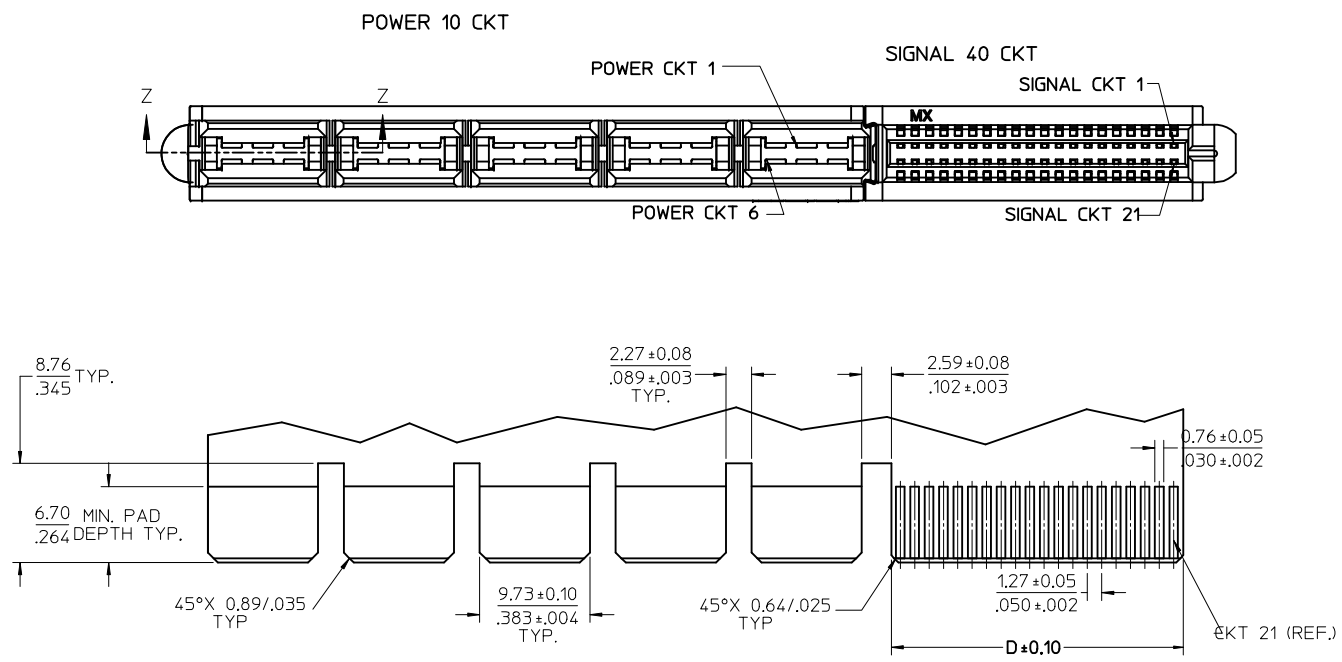
MATERIAL # 46114-1041

SEE SHT 1 EC NO: UCP2013-0722 DRAWN: JUILLES CHKD:MKARADIMAS APPR:APATEL	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 2011/08/04	TITLE LPH VERTICAL RECEPTACLE			
			4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 2011/08/05				
			3 PLACES	± ---	± .010						
			2 PLACES	± 0.25	± ---						
			1 PLACE	± ---	± ---	APPROVED BY DATE					
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-46114-100			2 OF 3
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

J
I
H
G
F
E
D
C
B
A

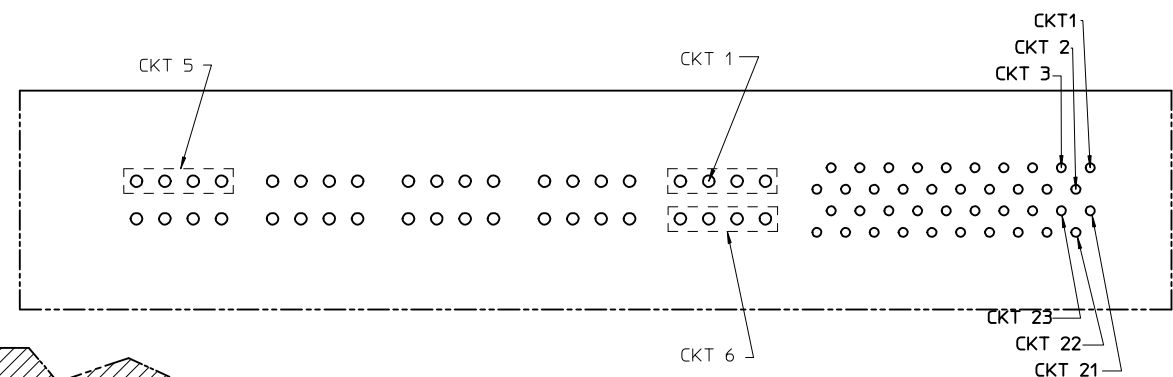
13 12 11 10 9 8 7 6 5 4 3 2 1

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/.817
36	23.24/.915
40	25.78/1.015

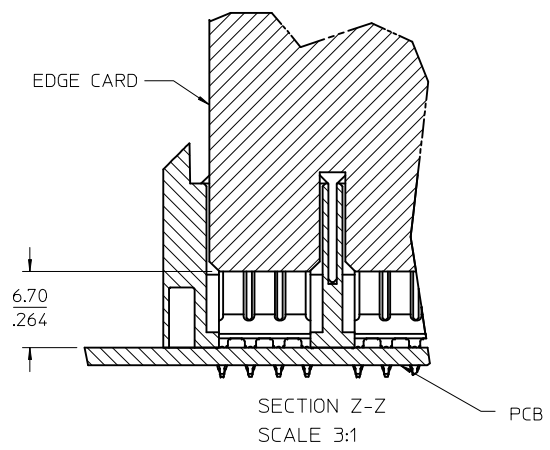


RECOMMENDED EDGE CARD LAYOUT

EDGE CARD THICKNESS:
1.57/.062
PLATING:
GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL.



PCB LAYOUT
COMPONENT SIDE
SEE SHT 1 FOR
DIMENSIONS



SEE SHT 1 EC NO: UCP2013-0722 2012/08/21 DRWN:JUILES CHKD:MKARADIMAS 2012/01/21 APPR:APATEL 2012/08/27	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE LPH VERTICAL RECEPTACLE	
					mm	INCH	DRAWN BY MKARADIMAS	DATE 2011/08/04	MOLEX MOLEX INCORPORATED				
				4 PLACES	± ---	± ---	CHECKED BY APATEL	DATE 2011/08/05					
				3 PLACES	± ---	± .010	APPROVED BY DATE						
				2 PLACES	± 0.25	± ---			MATERIAL NO. SEE CHART				
				1 PLACE	± ---	± ---	DOCUMENT NO. SD-46114-100						
	ANGULAR ±1/2°			SHEET NO. 3 OF 3									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										