

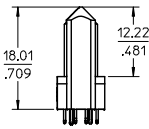
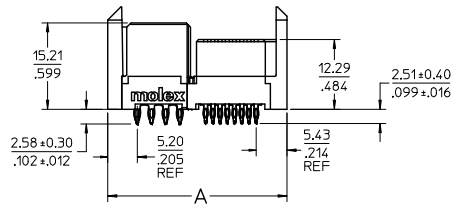
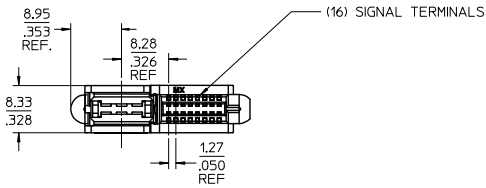
Excellent Integrated System Limited

Stocking Distributor

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[0461142401](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



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-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, BOTH OVER NICKEL - 1.25 μ M/50 μ INCHES

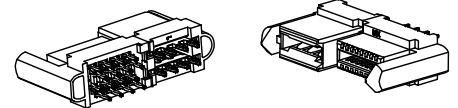
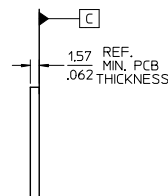
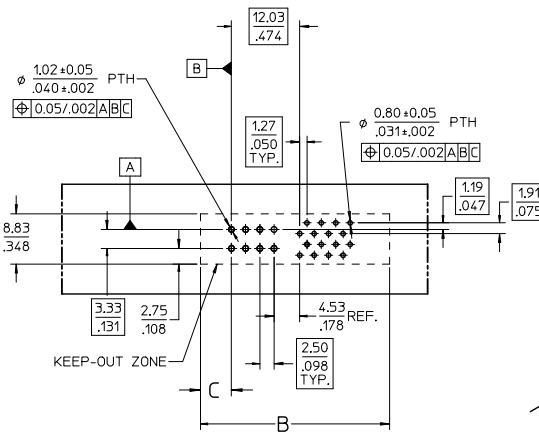
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.

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.

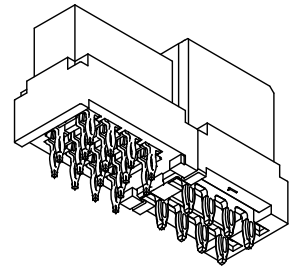
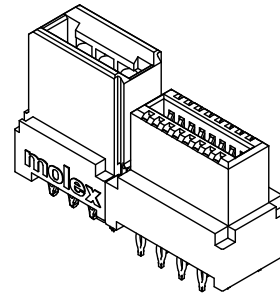
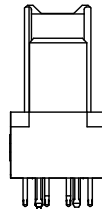
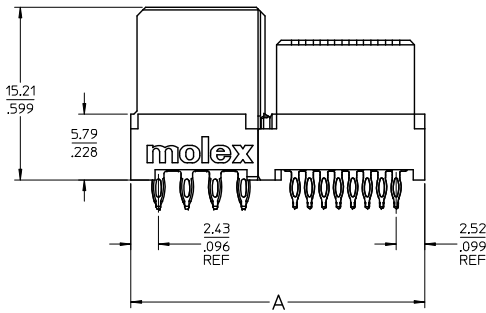
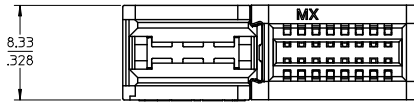
7. PACKAGING: PER PK-46114-003.



MATERIAL # 46114-2160 SHOWN

PCB COMPONENT SIDE

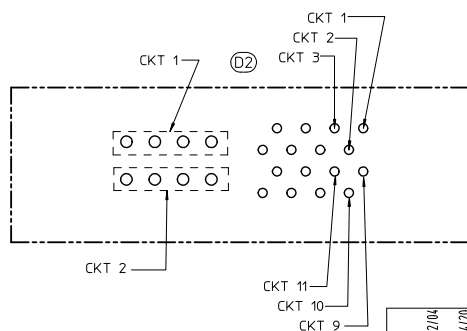
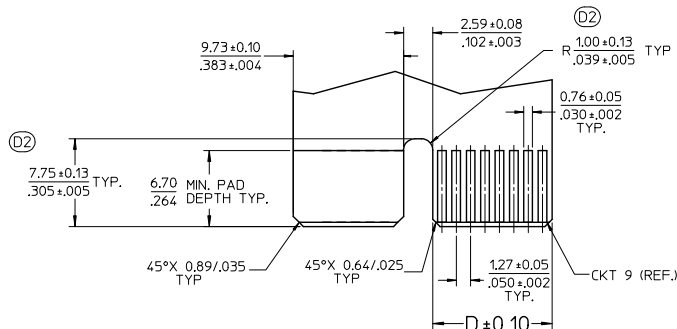
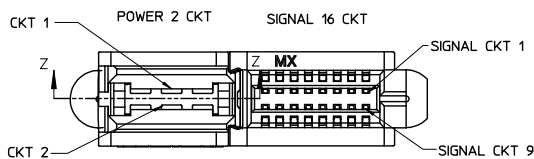
REMOVE PCB HOLE EC NO: UCP2015-0571 DRAWN BY: DRWINRANURA CHKD: APPR: APATEL D2	2015/02/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	2015/04/20					2:1	METRIC			
				DRAWN BY	DATE	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT MOLEX INCORPORATED				
	4 PLACES			± .010	MM/IN			07/23/07		
	3 PLACES			± .010	CHECKED BY			DATE		
	2 PLACES			± 0.25	APATEL			07/25/07		
	1 PLACE			± .010	APPROVED BY	DATE	 MOLEX INCORPORATED			
	ANGULAR ±1/2°			JCOMERC I	2009/12/03					
				MATERIAL NO.	DOCUMENT NO.	SD-46114-200				
				SEE CHART		SHEET NO. 1 OF 3				
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



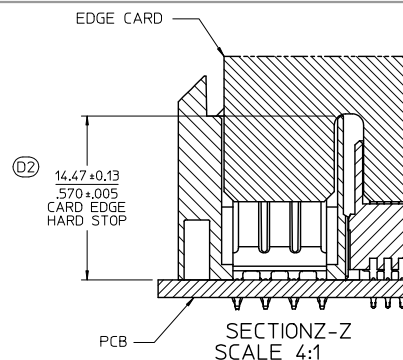
MATERIAL # 46114-2161 SHOWN

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	

SEE SHT 1 EC NO: UCP2015-0571 DRAWN BY: DRWINRANURA CHKD: APTEL APPR: APTEL REV: D2	QUALITY SYMBOLS DESCRIPTION 2015/04/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT MOLEX INCORPORATED				
		4 PLACES	± .010	DRAWN BY	DATE	DOCUMENT NO. SD-46114-200							
		3 PLACES	± .010	CHECKED BY	DATE								
		2 PLACES	± 0.25	APPROVED BY	DATE								
		ANGULAR ± 1/2°		1 PLACE	± .010	JCOMERC I	2009/12/03			SHEET NO. 2 3			
		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							



PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS.



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 157/.062 ± .015/.006
PLATING: GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL.

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

SEE SHT 1
ECN NO: LCP2015-0571
DRAWN BY: HANBANDURA
CHKD: APPEL
APPROVED: 2015/04/20
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
mm	INCH	MM/IN	DATE	4:1	METRIC	
4 PLACES ± .005	± .0005	DRAWN BY	DATE	TITLE		LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT
3 PLACES ± .010	± .0010	MKARADIMAS	07/23/07			
2 PLACES ± 0.25	± .0025	CHECKED BY	DATE			
1 PLACE ± .005	± .0005	APATEL	07/25/07			
ANGULAR ± 1/2°		APPROVED BY	DATE	 MOLEX INCORPORATED		
		JCOMERC	2009/12/03			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
		SEE CHART		SD-46114-200		3 OF 3
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				