

Excellent Integrated System Limited

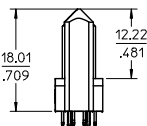
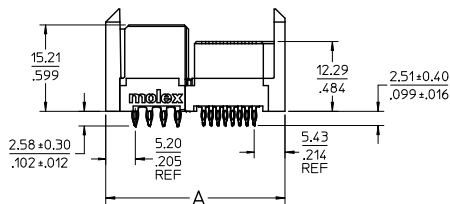
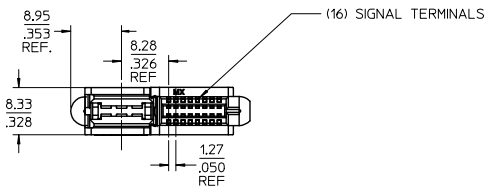
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0461142201](#)

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

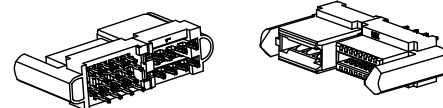
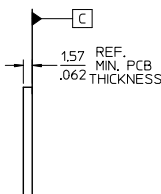
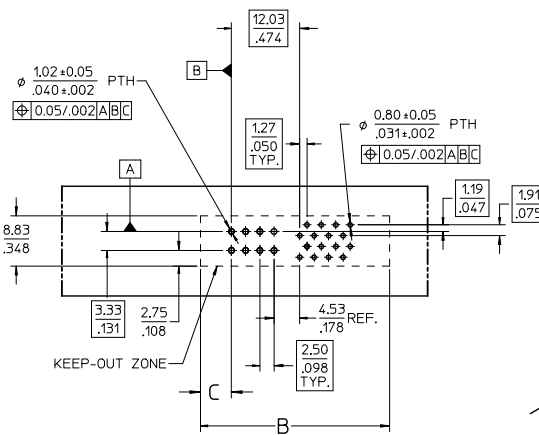
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.

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.

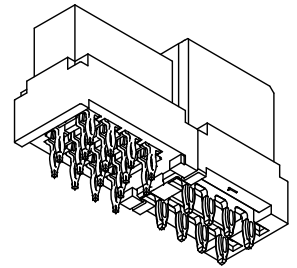
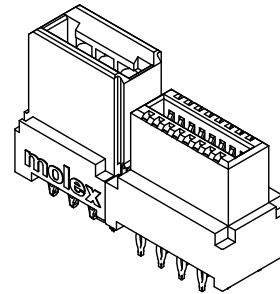
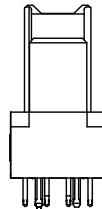
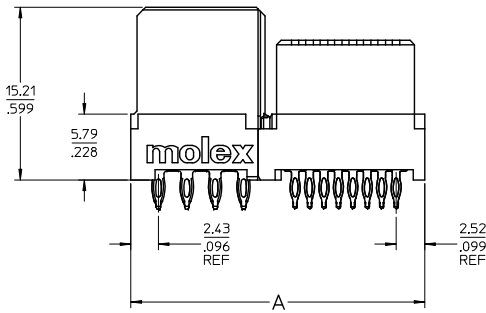
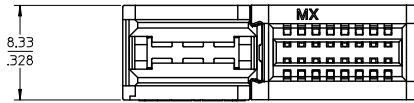
7. PACKAGING: PER PK-46114-003.



MATERIAL # 46114-2160 SHOWN

PCB COMPONENT SIDE

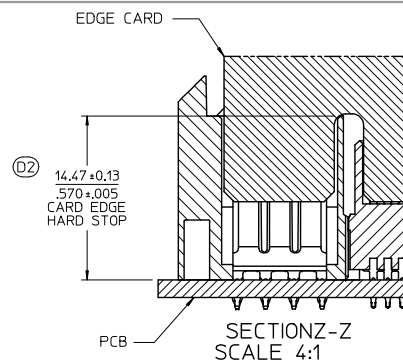
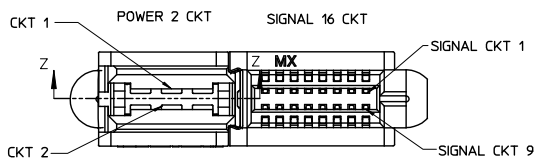
REMOVE PCB HOLE EC NO: UCP2015-0571 DRAWN BY: DRWINRABANDURA CHKD: APATTEL APPR: APATTEL 2015/02/04 2015/04/20 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM/IN		2:1	METRIC			
		DRAWN BY MKARADIMAS		DATE 07/23/07		TITLE				
		CHECKED BY		DATE		LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT				
		4 PLACES ±--- ±---		07/25/07		PWR CONNECTOR, PRESS FIT				
		3 PLACES ±--- ±.010								
		2 PLACES ±0.25 ±---								
		1 PLACE ±--- ±---								
		ANGULAR ±1/2°								
		APPROVED BY		DATE						
JCOMERC I		2009/12/03		 MOLEX INCORPORATED						
		MATERIAL NO.		DOCUMENT NO.						
		SEE CHART		SD-46114-200		SHEET NO. 1 OF 3				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
		SIZE C								



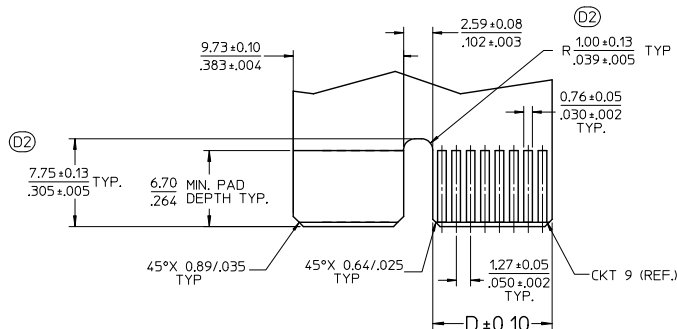
MATERIAL # 46114-2161 SHOWN

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	

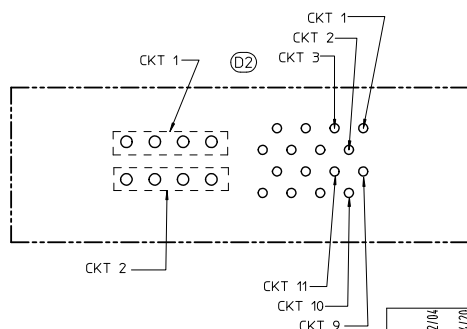
SEE SHT 1 EC NO: UCP2015-0571 DRAWN BY: DRWINRANURA CHKD: JAPTEL APPR: JAPTEL REV: D2	QUALITY SYMBOLS DESCRIPTION 2015/04/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT MOLEX INCORPORATED						
		4 PLACES	± .005	± .005	DRAWN BY MKARADIMAS	DATE 07/23/07	DOCUMENT NO. SD-46114-200								
		3 PLACES	± .005	± .010	CHECKED BY APATEL	DATE 07/25/07									
		2 PLACES	± 0.25	± .005	APPROVED BY JCOMERC	DATE 2009/12/03				SHEET NO. 2 3					
		1 PLACE	± .005	± .005	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART								
		ANGULAR ± 1/2°		MATERIAL NO.											
		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: 157/.062 ± .015/.006
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: LCP2015-0571
DRAWN BY: HANBANDURA
CHKD: APPEL
APPR: APPEL
2015/02/04
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 MKARADIMAS	07/23/07	TITLE LPH VERTICAL RECEPTACLE ASSEMBLY 2 CIRCUIT PWR CONNECTOR, PRESS FIT		MOLEX MOLEX INCORPORATED
3 PLACES ± .010	± .0010	CHECKED BY APATEL	07/25/07			
2 PLACES ± 0.25	± .0025	APPROVED BY JCOMERC	2009/12/03			
1 PLACE ± .005	± .0005					
ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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				