

Excellent Integrated System Limited

Stocking Distributor

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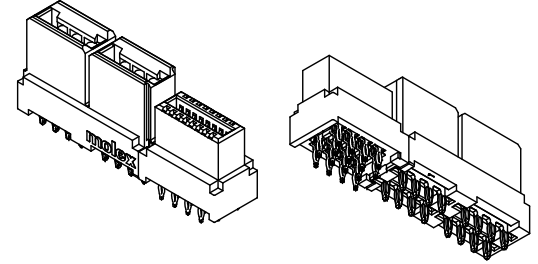
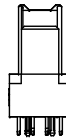
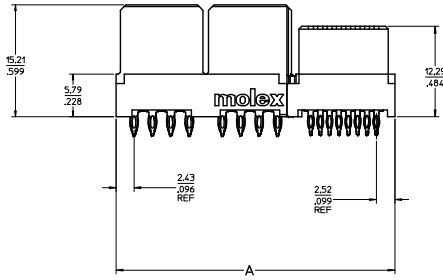
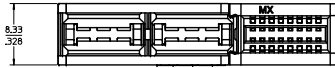
[Molex Connector Corporation](#)
[0461144281](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:
1. MATERIAL: HOUSING: LCP, 94-0V, COLOR: BLACK,
POWER CONTACTS: COPPER ALLOY,
SIGNAL CONTACTS: MODIFIED TIN BRASS.
2. FINISH: SELECT GOLD - 0.75 $\mu\text{M}/30$ μINCHES
SELECTED TIN - 2.50 $\mu\text{M}/100$ μINCHES
BOTH OVER NICKEL - 1.25 $\mu\text{M}/50$ μINCHES
3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA,
4. PARTS ARE ROHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR CARD EDGE 1577/062.
6. PRODUCT SPECIFICATION PER PK-46114-001.
7. PACKAGING: PER PK-46114-003.

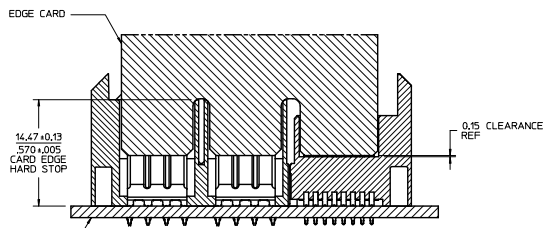
100 VIEWS 100% DIMENSIONS 100% TOLERANCES 100% FINISHES 100% MATERIALS 100% ASSEMBLY 100% TESTING 100% INSPECTION 100% DELIVERY 100% CUSTOMER SATISFACTION 100%...	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN TYPES METRIC	PROJECTION 1ST ANGLE
	▽	4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	mm in/16 in/8 in/4 in/2	DRAWN BY M/KARANDI CHECKED BY AP/17/07 APPROVED BY J/COMERCIAL DATE 07/18/07 07/17/07 07/03/07	TITLE LPH VERTICAL RECTANGLE ASSEMBLY 4 CIRCUIT PWR CONNECTOR PRESS FIT	
	▽	ANGULAR 1/2°		molex		
	▽	DRAFT WHERE APPLICABLE	SEE CHART	SD-64114-400		
100% REMAINING DIMENSIONS WITHIN DIMENSIONS			THESE DRAWINGS CONTAIN INFORMATION THAT IS PROPRIETARY TO MOLEX CORPORATION AND SHOULD NOT BE REPRODUCED OR WRITTEN IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF MOLEX CORPORATION.			



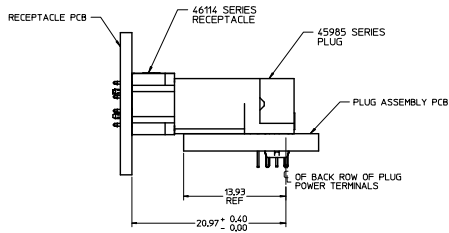
MATERIAL # 46114-4161 SHOWN

NO OF SIGNALS	MATERIAL NUMBER	COMPLIANT PIN PLATING	DM A	DM B	DM C
12	46114-4121	TIN	35.34/1.391	35.84/1.411	
16	46114-4161	TIN	37.88/1.491	38.38/1.511	
20	46114-4201	TIN	40.42/1.591	40.92/1.611	
24	46114-4241	TIN	42.96/1.691	43.46/1.711	2.69/1.06
28	46114-4281	TIN	45.50/1.791	46.00/1.811	
32	46114-4321	TIN	48.04/1.891	48.54/1.911	
36	46114-4361	TIN	50.58/1.991	51.08/2.011	
40	46114-4401	TIN	53.12/2.091	53.62/2.111	

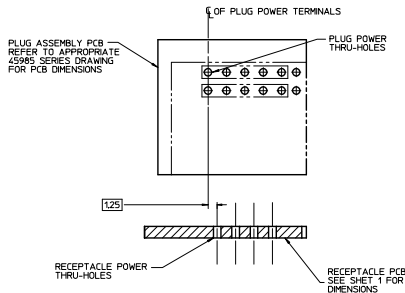
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
				MM/IN		4:1		METRIC					
4 PLACES	±.005	mm	±.005	INCH	±.005	DRAWN BY	DATE	LPH VERTICAL RECEPTACLE ASSEMBLY 4 CIRCUIT PWR CONNECTOR, PRESS FIT					
3 PLACES	±.010	mm	±.010	INCH	±.010	CHECKED BY	DATE						
2 PLACES	±.025	mm	±.025	INCH	±.025	APPROVED BY	DATE						
1 PLACE	±.050	mm	±.050	INCH	±.050	JCONERC I	2009/12/03						
0 PLACE	±.100	mm	±.100	INCH	±.100	MATERIAL NO.		DOCUMENT NO.		SD-46114-400			
		ANGULAR ±1/2°		SEE CHART						SHEET NO.			
		DRAFT WHERE APPLICABLE		MUST REMAIN		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		2 OF 3			
		WITHIN DIMENSIONS											



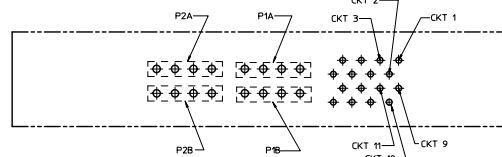
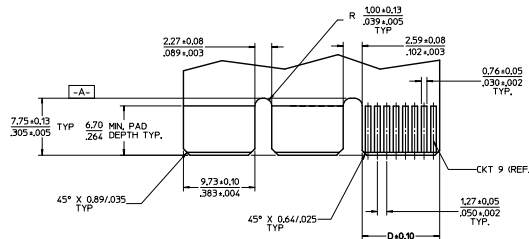
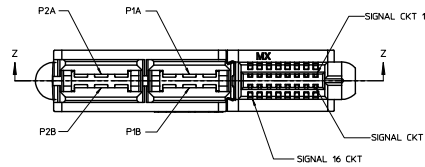
CARD EDGE MATING



PLUG ASSEMBLY MATING



ASSEMBLY PCB ALIGNMENT



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 1.57/0.62 ± 0.15/0.06
PLATING: GOLD 30 μ INCHES MIN.
OVER 150 μ INCHES NICKEL

PCB LAYOUT: COMPONENT SIDE
SEE SHT 1 FOR DIMENSIONS

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
mm	INCH	mm	INCH	MM/IN		4:1		METRIC			
4 PLACES ±	---	±	---	DRAWN BY	DATE	TITLE		LPH VERTICAL RECEPTACLE ASSEMBLY 4 CIRCUIT PWR CONNECTOR, PRESS FIT			
3 PLACES ±	---	±	0.010	CHKD BY	DATE						
2 PLACES ±	0.25	±	---	APPROVED BY	DATE						
1 PLACE ±	---	±	---	JCOMERC	2009/12/03						
0 PLACE ±	---	±	---	SEE CHART		DOCUMENT NO.		SD-46114-400		SHEET NO.	
ANGULAR ±1/2°		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		3 OF 3		A	