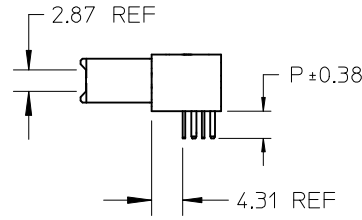
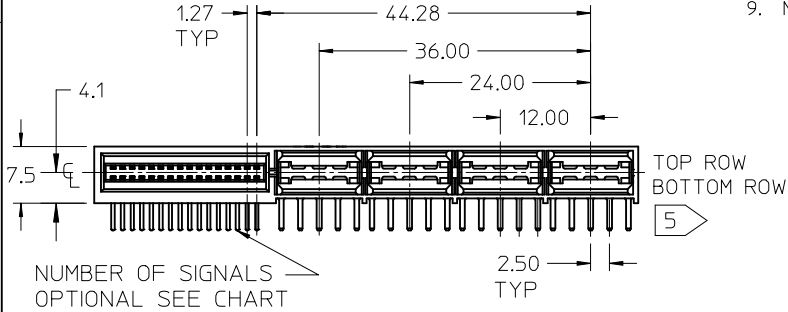
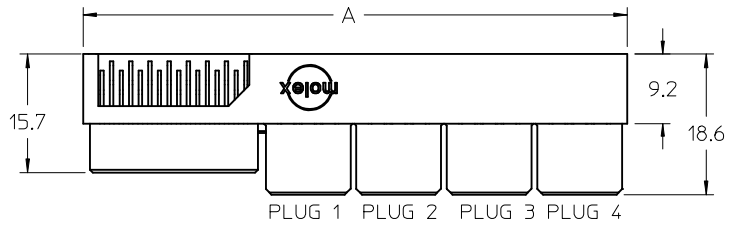


NOTES:

1. MATERIAL HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, COLOR-BLACK, CONTACT: COPPER ALLOY.
2. FINISH: SELECT GOLD - 0.76 MICROMETER/30 MICROINCH MINIMUM; SELECT TIN - 3.81 MICROMETER/150 MICROINCH MINIMUM; BOTH OVER NICKEL - 1.27 MICROMETER/50 MICROINCH MINIMUM.
3. POWER TERMINALS LUBRICATED IN CONTACT AREA.
4. PRODUCT SPECIFICATION: PS-45984-001.
5. PACKAGING: TRAY PER PK-45984-001.
6. SEE SHEET 5 FOR CKT IDENTIFICATION.
7. PARTS ARE RoHS COMPLIANT.
8. PEG HOLES ARE OPTIONAL SEE SHEET 3 AND 4.
9. MATES TO 1577.062 CARD EDGE OR MOLEX P/N 45985-8\*\*\*.

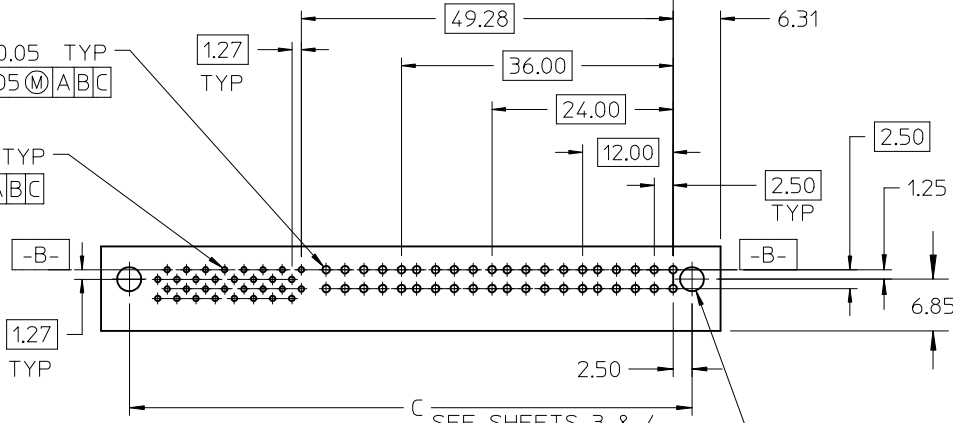
NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-8111	59.5	4.50	3.18
16	45984-8121	62.0		
20	45984-8131	64.6		
24	45984-8141	67.1		
28	45984-8151	69.6		
32	45984-8161	72.2		
36	45984-8171	74.7	3.60	2.36
40	45984-8181	77.3		
12	45984-8112	59.5		
16	45984-8122	62.0		
20	45984-8132	64.6		
24	45984-8142	67.1		
28	45984-8152	69.6		
32	45984-8162	72.2		
36	45984-8172	74.7	2.90	1.57
40	45984-8182	77.3		
12	45984-8113	59.5		
16	45984-8123	62.0		
20	45984-8133	64.6		
24	45984-8143	67.1		
28	45984-8153	69.6		
32	45984-8163	72.2		
36	45984-8173	74.7	1.57	1.57
40	45984-8183	77.3		



NUMBER OF SIGNALS  
OPTIONAL SEE CHART

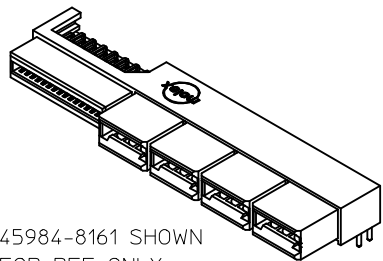
Ø 1.02 ± 0.05 TYP  
⊕ Ø 0.05 (M) A B C

Ø 0.76 ± 0.05 TYP  
⊕ Ø 0.05 (M) A B C



PCB LAYOUT: COMPONENT SIDE  
PEG HOLES OPTIONAL

Ø 3.18 ± 0.08 TYP  
PEG HOLES 7



45984-8161 SHOWN  
FOR REF ONLY  
SEE CHART

REVISE CARD EDGE EC NO: UCP2015-0571 DRWN:MBANDURA 2015/04/08 CHKD: APPR:APATEL 2015/04/20	QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0
H	REV

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.25	± ---
1 PLACE ± 0.38	± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SAMIEC	2005/05/13
CHECKED BY	DATE
SAMIEC	2005/05/13
APPROVED BY	DATE
MARGULIS	2005/05/13
MATERIAL NO.	SEE CHART
SIZE	A

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO. SD-45984-800	SHEET NO. 1 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

6

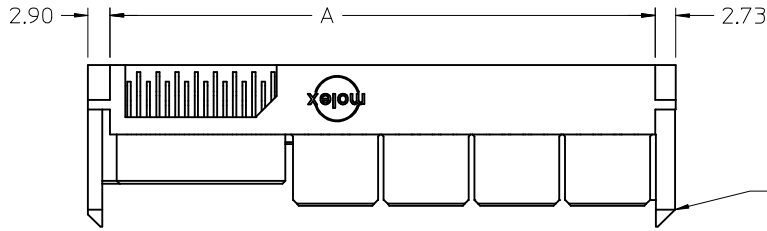
5

4

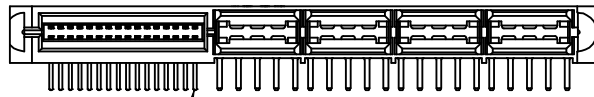
3

2

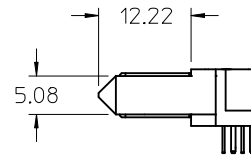
1



OPTIONAL GUIDES  
SEE CHART

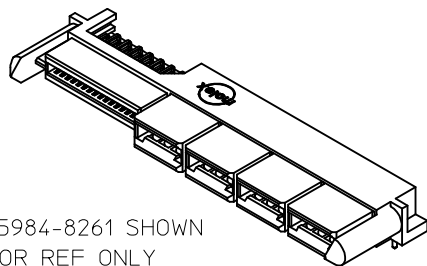


NO OF SIGNALS  
OPTIONAL  
SEE CHART



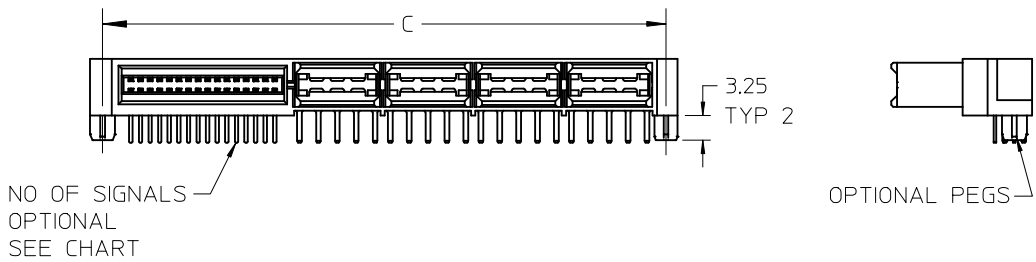
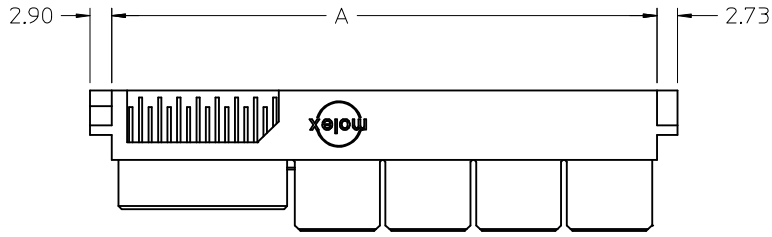
### GUIDE POST OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-8211	59.5	4.50	3.18
16	45984-8221	62.0		
20	45984-8231	64.6		
24	45984-8241	67.1		
28	45984-8251	69.6		
32	45984-8261	72.2	3.60	2.36
36	45984-8271	74.7		
40	45984-8281	77.3		
12	45984-8212	59.5		
16	45984-8222	62.0		
20	45984-8232	64.6	2.90	1.57
24	45984-8242	67.1		
28	45984-8252	69.6		
32	45984-8262	72.2		
36	45984-8272	74.7		
40	45984-8282	77.3		
12	45984-8213	59.5		
16	45984-8223	62.0		
20	45984-8233	64.6		
24	45984-8243	67.1		
28	45984-8253	69.6		
32	45984-8263	72.2		
36	45984-8273	74.7		
40	45984-8283	77.3		



45984-8261 SHOWN  
FOR REF ONLY  
SEE CHART

SEE SHEET 1 EC NO: UCP2015-0571 DRWN:MBANDURA 2015/04/08 CHKD: APPR:APATEL 2015/04/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS		DATE 2005/05/13	MOLEX INCORPORATED DOCUMENT NO. SD-45984-800 SHEET NO. 2 OF 5		
2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART							
1 PLACE	± 0.38	± ---	ANGULAR ±1/2°							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

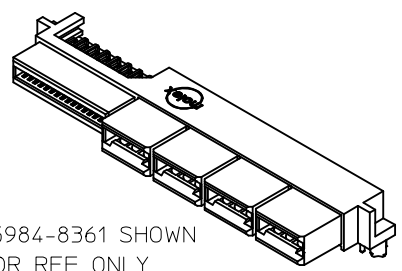


NO OF SIGNALS  
OPTIONAL  
SEE CHART

OPTIONAL PEGS

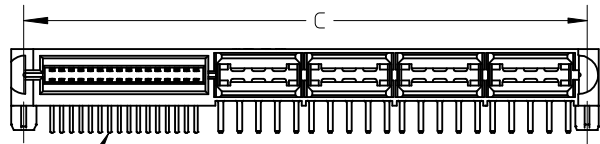
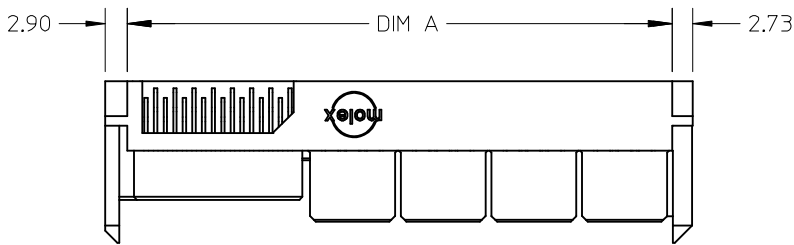
MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-8311	59.5	61.90	4.50	3.18
16	45984-8321	62.0	64.44		
20	45984-8331	64.6	66.98		
24	45984-8341	67.1	69.52		
28	45984-8351	69.6	72.06		
32	45984-8361	72.2	74.60		
36	45984-8371	74.7	77.14	3.60	2.36
40	45984-8381	77.3	79.68		
12	45984-8312	59.5	61.90		
16	45984-8322	62.0	64.44		
20	45984-8332	64.6	66.98		
24	45984-8342	67.1	69.52		
28	45984-8352	69.6	72.06	2.90	1.57
32	45984-8362	72.2	74.60		
36	45984-8372	74.7	77.14		
40	45984-8382	77.3	79.68		
12	45984-8313	59.5	61.90		
16	45984-8323	62.0	64.44		
20	45984-8333	64.6	66.98	2.90	1.57
24	45984-8343	67.1	69.52		
28	45984-8353	69.6	72.06		
32	45984-8363	72.2	74.60		
36	45984-8373	74.7	77.14		
40	45984-8383	77.3	79.68		

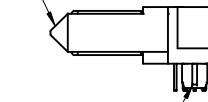


45984-8361 SHOWN  
FOR REF ONLY  
SEE CHART

SEE SHEET 1 EC NO: UCP2015-0571 DRWN:MBANDURA 2015/04/08 CHKD: APPR:APATEL 2015/04/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$		mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE <b>LPH RECEPTACLE ASSEMBLY          RT ANGLE 8 CIRCUIT          POWER CONNECTOR</b>			
		4 PLACES	$\pm$ ---	$\pm$ ---	CHECKED BY SAMIEC	DATE 2005/05/13				
		3 PLACES	$\pm$ ---	$\pm$ ---	APPROVED BY MARGULIS	DATE 2005/05/13	MOLEX INCORPORATED DOCUMENT NO. <b>SD-45984-800</b> SHEET NO. <b>3 OF 5</b>			
	2 PLACES	$\pm$ 0.25	$\pm$ ---	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				
	1 PLACE	$\pm$ 0.38	$\pm$ ---	ANGULAR $\pm 1/2^\circ$						



OPTIONAL GUIDES

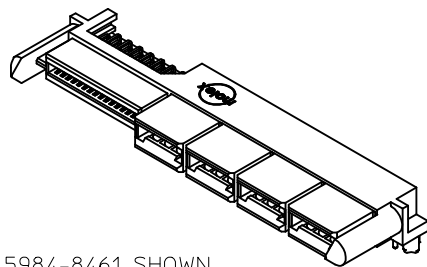


OPTIONAL PEGS

NO OF SIGNALS  
OPTIONAL  
SEE CHART

### GUIDE POST & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-8411	59.5	61.90	4.50	3.18
16	45984-8421	62.0	64.44		
20	45984-8431	64.6	66.98		
24	45984-8441	67.1	69.52		
28	45984-8451	69.6	72.06		
32	45984-8461	72.2	74.60		
36	45984-8471	74.7	77.14	3.60	2.36
40	45984-8481	77.3	79.68		
12	45984-8412	59.5	61.90		
16	45984-8422	62.0	64.44		
20	45984-8432	64.6	66.98		
24	45984-8442	67.1	69.52		
28	45984-8452	69.6	72.06		
32	45984-8462	72.2	74.60		
36	45984-8472	74.7	77.14	2.90	1.57
40	45984-8482	77.3	79.68		
12	45984-8413	59.5	61.90		
16	45984-8423	62.0	64.44		
20	45984-8433	64.6	66.98		
24	45984-8443	67.1	69.52		
28	45984-8453	69.6	72.06		
32	45984-8463	72.2	74.60		
36	45984-8473	74.7	77.14		
40	45984-8483	77.3	79.68		



45984-8461 SHOWN  
FOR REF ONLY  
SEE CHART

SEE SHEET 1 EC NO: UCP2015-0571 DRWN:MBANDURA 2015/04/08 CHKD: APPR:APATEL 2015/04/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE <b>LPH RECEPTACLE ASSEMBLY          RT ANGLE 8 CIRCUIT          POWER CONNECTOR</b>			
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.38 ± ---	ANGULAR ± 1/2°		CHECKED BY SAMIEC	DATE 2005/05/13				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		APPROVED BY MARGULIS	DATE 2005/05/13	<b>MOLEX INCORPORATED</b>		DOCUMENT NO. <b>SD-45984-800</b>	SHEET NO. <b>4 OF 5</b>
SIZE <b>A</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

SIGNAL CKT 17  
TOP ROW  
BOTTOM ROW  
SIGNAL CKT 1

PLUG 1 PLUG 2 PLUG 3 PLUG 4

TOP ROW  
BOTTOM ROW

NO. OF SIGNAL	DIM. D
12	8.00
16	10.54
20	13.08
24	15.62
28	18.16
32	20.70
36	23.24
40	25.78

SIGNAL 32 CKT

2.59±0.08

2.27±0.08 (3)

R1.00±0.13 TYP (H)

7.75±0.13 TYP

6.70 MIN. PAD DEPTH TYP.

RECOMMENDED EDGE CARD LAYOUT  
EDGE CARD THICKNESS:  
1.57±0.15/0.62±.006

0.76±0.05 TYP.

45°X 0.64

1.27±0.05 TYP.

12.00±0.08 (3)

9.73±0.10 (4)

45°X 0.89 TYP.

45°X 0.38 TYP.

CKT 19  
CKT 18  
CKT 17

PLUG 1-TOP ROW-CKT 1

PLUG 2-TOP ROW-CKT 1

PLUG 3-TOP ROW-CKT 1

PLUG 4-TOP ROW-CKT 1

TOP ROW  
BOTTOM ROW

TOP ROW  
BOTTOM ROW

CKT 1  
CKT 2  
CKT 3

SIGNAL 32 CKT

PLUG 1

PLUG 2

PLUG 3

PLUG 4

PCB LAYOUT: COMPONENT SIDE  
SEE SHEET 1 FOR DIMENSIONS

SEE SHEET 1 EC NO: UCP2015-0571 DRWN:MBANDURA 2015/04/08 CHKD: APPR:APATEL 2015/04/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE			
	▽=0	3 PLACES ± --- ± ---	SAMIEC 2005/05/13	TITLE		
		2 PLACES ±0.25 ± ---	CHECKED BY DATE	LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
		1 PLACE ±0.38 ± ---	SAMIEC 2005/05/13			
		ANGULAR ±1/2°	APPROVED BY DATE	MOLEX MOLEX INCORPORATED		
			MARGULIS 2005/05/13			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			SEE CHARTS	SD-45984-800	5 OF 5	
			SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		