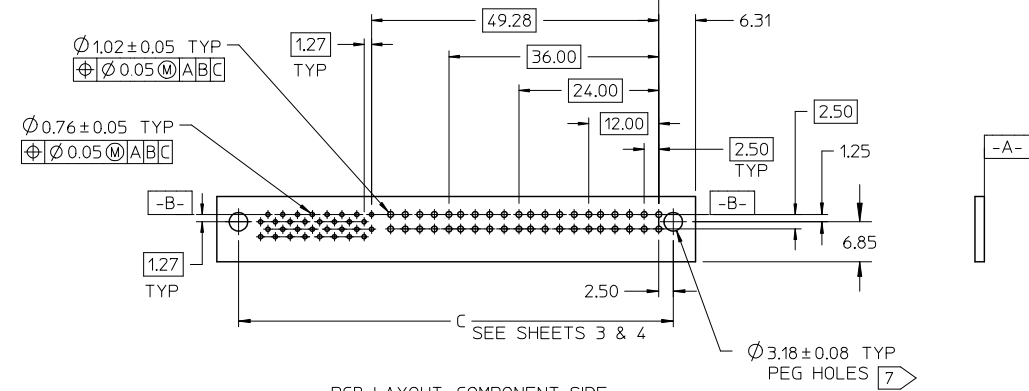
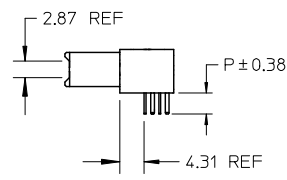
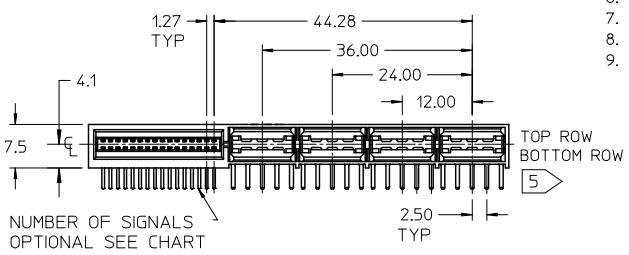
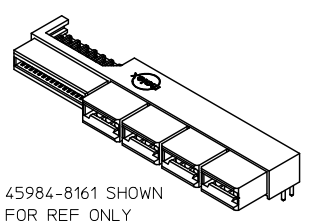


- NOTES:
1. MATERIAL HOUSING: LCP, 94V-0, COLOR-BLACK. CONTACT: COPPER ALLOY.
 2. FINISH: SELECT GOLD - .762 μ M/30 MI MIN. CONTACT AREA. SELECT TIN - 3.81 μ M/150 MI MIN. TAIL AREA. BOTH OVER NICKEL - 1.27 μ M/50 MI MIN.
 3. POWER TERMINALS LUBRICATED IN CONTACT AREA.
 4. PRODUCT SPECIFICATION: PS-45984-001.
 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 1571.062 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	3.60	2.36
36	45984-8171	74.7		
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		
40	45984-8182	77.3		
12	45984-8113	59.5	2.90	1.57
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		
40	45984-8183	77.3		



PCB LAYOUT: COMPONENT SIDE
PEG HOLES OPTIONAL



45984-8161 SHOWN
FOR REF ONLY
SEE CHART

REV	DESCRIPTION
1	REVISED
2	EC NO: UCP2009-0971
3	DRW:MBANDURA
4	CHKD: 2008/11/14
5	APPR:APATEL 2008/11/17

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± .005 ± .0004
3 PLACES	± .005 ± .0004
2 PLACES	± .005 ± .0004
1 PLACE	± .005 ± .0004
ANGULAR ± 1/2°	

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

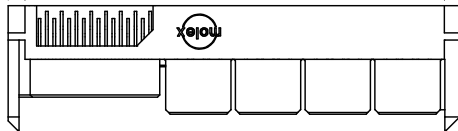
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
SAMIEC	2005/05/13
CHECKED BY	DATE
SAMIEC	2005/05/13
APPROVED BY	DATE
MARGULIS	2005/05/13
MATERIAL NO.	SEE CHART

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
MOLEX MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45984-800	1 OF 5	

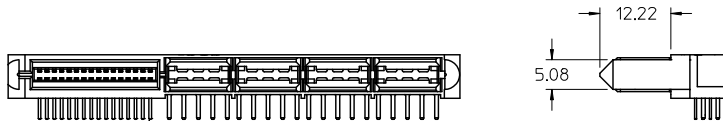
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Rev. D 2004/06/28

5 4 3 2 1

2.90 A 2.73



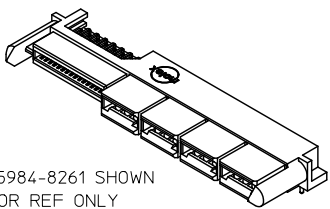
OPTIONAL GUIDES
SEE CHART



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		
36	45984-8271	74.7	3.60	2.36
40	45984-8281	77.3		
12	45984-8212	59.5		
16	45984-8222	62.0		
20	45984-8232	64.6		
24	45984-8242	67.1		
28	45984-8252	69.6	2.90	1.57
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	2.90	1.57
24	45984-8243	67.1		
28	45984-8253	69.6		
32	45984-8263	72.2		
36	45984-8273	74.7	2.90	1.57
40	45984-8283	77.3		



45984-8261 SHOWN
FOR REF ONLY
SEE CHART

REVISED EC NO: UCP2009-0971 DRM/NBANDURA 2008/11/13 CHKD: 2008/11/14 APPR: APATEL 2008/11/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES	± ---	± ---	DRAWN BY SAMI EC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR	
3 PLACES	± ---	± ---	CHECKED BY	DATE				
2 PLACES	± 0.25	± ---	SAMI EC	2005/05/13	MOLEX INCORPORATED			
1 PLACE	± ---	± ---	APPROVED BY	DATE				
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DATE 2005/05/13	MARGULIS	DOCUMENT NO. SD-45984-800	SHEET NO. 2 OF 5
REV		SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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Rev. D 2004/06/28

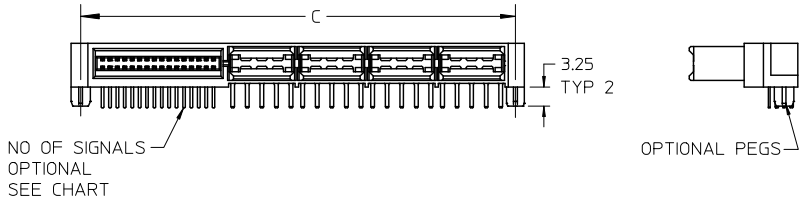
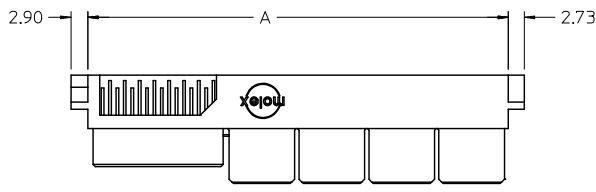
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3

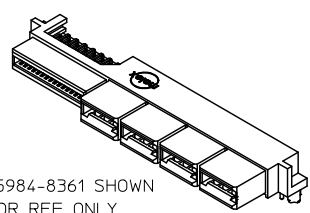
2

1



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		
32	45984-8362	72.2	74.60		
36	45984-8372	74.7	77.14	2.90	1.57
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		
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

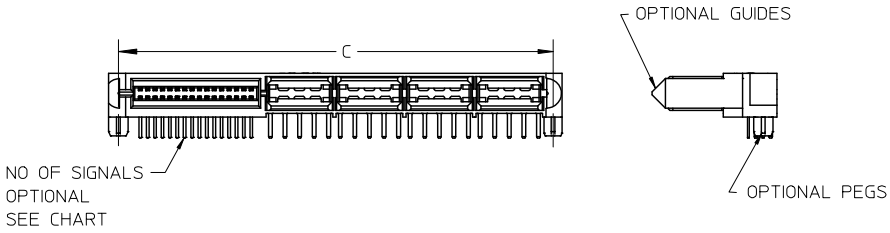
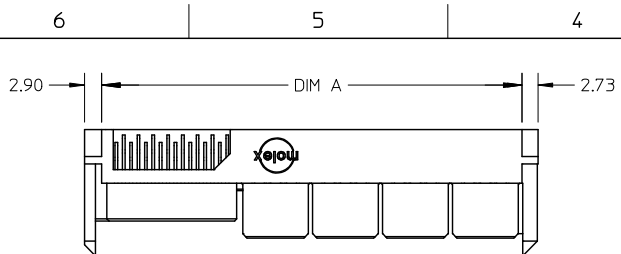
REVISED	DESCRIPTION
EC NO: UCP2009-0971	
DRW:MBANDURA	2008/11/13
CHKD:	2008/11/14
APPR:APATEL	2008/11/17

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.25 ± ---
1 PLACE	± --- ± ---
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

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45984-800	3 OF 5	

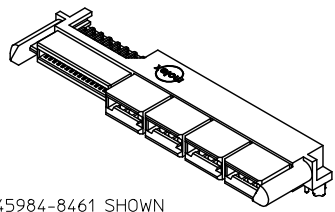
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NO OF SIGNALS
OPTIONAL
SEE CHART

GUIDE POST & MOUNTING PEG OPTIONS

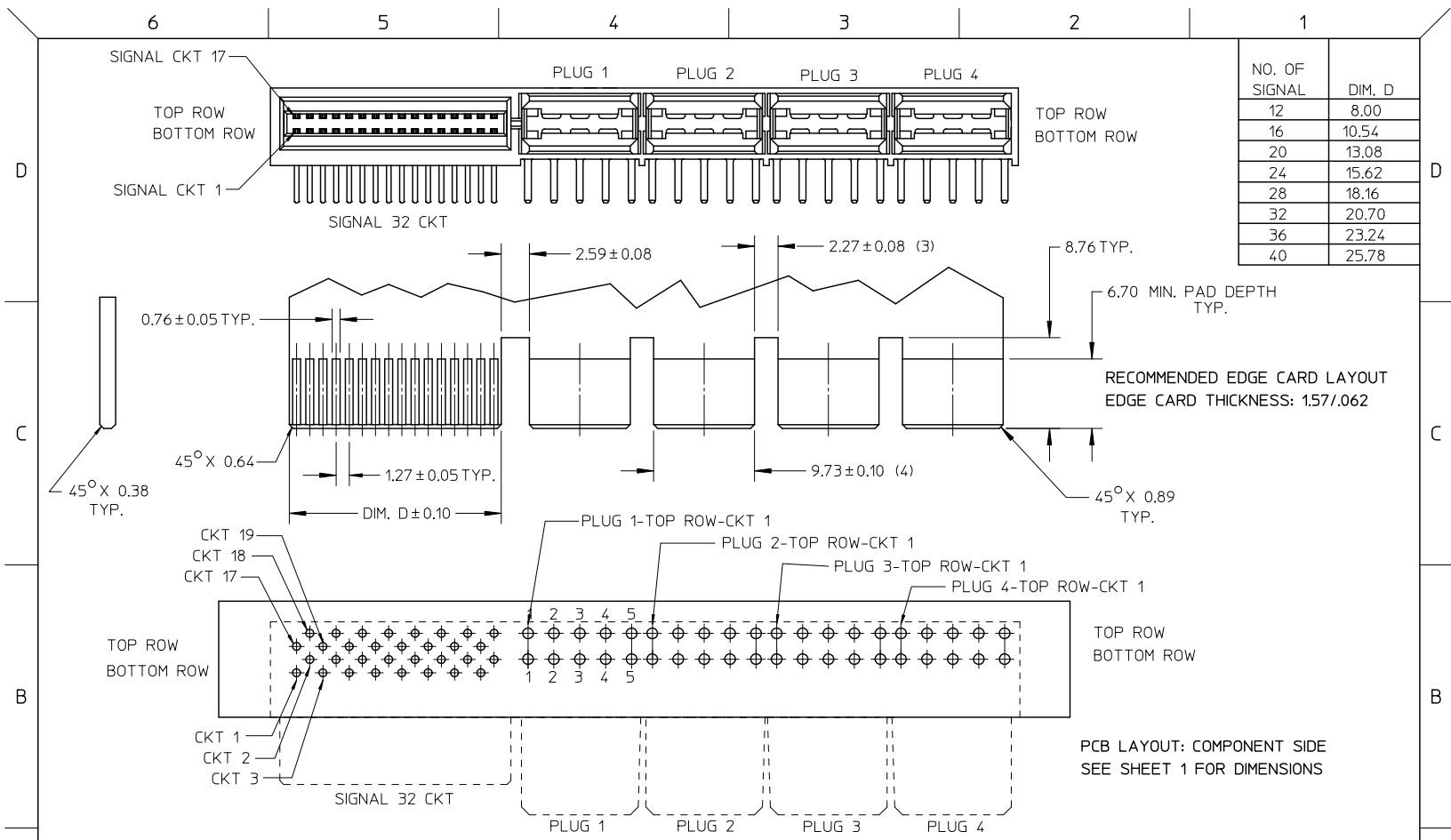
NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-8411	59.5	61.90	4.50	3.18
16	45984-8421	62.0	64.44		
20	45984-8431	64.6	66.98		
24	45984-8441	67.1	69.52		
28	45984-8451	69.6	72.06		
32	45984-8461	72.2	74.60		
36	45984-8471	74.7	77.14	3.60	2.36
40	45984-8481	77.3	79.68		
12	45984-8412	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

REVISED EC NO: UCP2009-0971 DRWN: BANDURA 2008/11/13 CHKD: 2008/11/14 APPR: APATEL 2008/11/17 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY SAMI EC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR	
	4 PLACES	± ---	± ---	CHECKED BY	DATE		
	3 PLACES	± ---	± ---	SAMI EC	2005/05/13	MOLEX INCORPORATED	
2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
1 PLACE	± ---	± ---	MARGULIS	2005/05/13	DOCUMENT NO. SD-45984-800		SHEET NO. 4 OF 5
ANGULAR ± 1/2°		MATERIAL NO. SEE CHART					
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			

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RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 1.57/0.62

PCB LAYOUT: COMPONENT SIDE
SEE SHEET 1 FOR DIMENSIONS

REVISED EC NO: UCP2009-0971 DRWN: BANDURA CHKD: 2008/11/13 APPR: APATEL 2008/11/14 2008/11/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY SAMIEC	DATE 2005/05/13	MOLEX INCORPORATED		
				MATERIAL NO.	APPROVED BY MARGULIS		DATE 2005/05/13	DOCUMENT NO. SD-45984-800	SHEET NO. 5 OF 5	

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