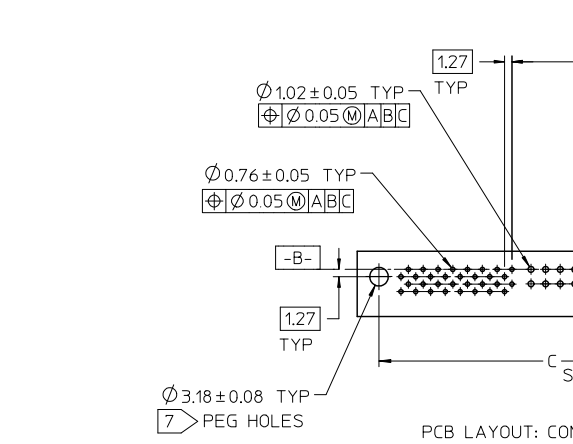
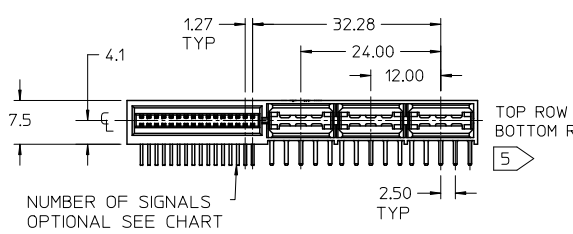
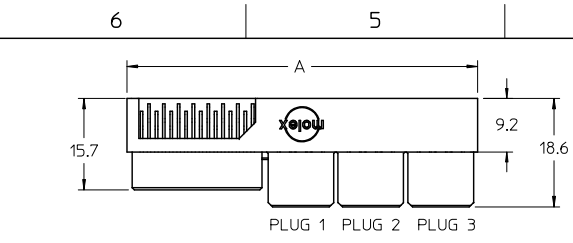


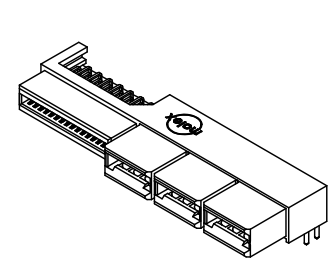
NOTES:

1. MATERIAL HOUSING: LCP, 94V-0, COLOR-BLACK.  
CONTACT: COPPER ALLOY.
2. FINISH: SELECT GOLD - .76µM/30 MI MIN. CONTACT AREA.  
SELECT TIN - 3.81µM/150 MI MIN. TAIL AREA.  
BOTH OVER NICKEL - 1.27µM/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 SHEETS 3 & 4.
9. MATES TO 1577.062 CARD EDGE OR MOLEX P/N 45985-6\*\*\*\*.

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-6111	47.5	4.50	3.18
16	45984-6121	50.0		
20	45984-6131	52.6		
24	45984-6141	55.1		
28	45984-6151	57.6		
32	45984-6161	60.2	3.60	2.36
36	45984-6171	62.7		
40	45984-6181	65.3		
12	45984-6112	47.5		
16	45984-6122	50.0		
20	45984-6132	52.6	2.90	1.57
24	45984-6142	55.1		
28	45984-6152	57.6		
32	45984-6162	60.2		
36	45984-6172	62.7		
40	45984-6182	65.3	2.36	3.18
12	45984-6113	47.5		
16	45984-6123	50.0		
20	45984-6133	52.6		
24	45984-6143	55.1		
28	45984-6153	57.6	3.60	2.36
32	45984-6163	60.2		
36	45984-6173	62.7		
40	45984-6183	65.3		



PCB LAYOUT: COMPONENT SIDE  
PEG HOLES OPTIONAL



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

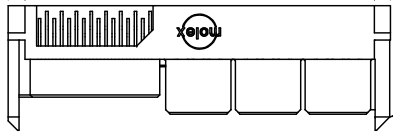
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	
		MM ONLY	
4 PLACES	± ---	DRAWN BY	DATE
3 PLACES	± ---	SAMIEC	2005/05/13
2 PLACES	± 0.25	CHECKED BY	DATE
1 PLACE	± ---	SAMIEC	2005/05/13
ANGULAR ± 1/2°		APPROVED BY	DATE
		MARGULIS	2005/05/13
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	

SCALE	1:1	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION
TITLE	LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR			
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

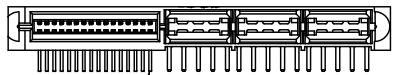
TITLE		LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR	
MOLEX INCORPORATED		DOCUMENT NO.	SHEET NO.
		SD-45984-600	1 OF 5

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Rev. D 2004/06/28

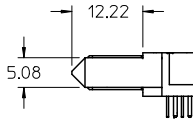
2.90 A 2.73



OPTIONAL GUIDES  
SEE CHART

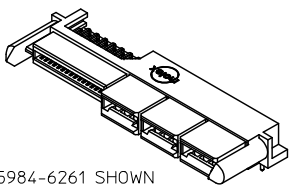


NO OF SIGNALS  
OPTIONAL  
SEE CHART



GUIDE POST OPTIONS

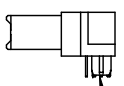
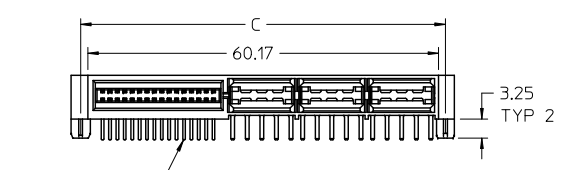
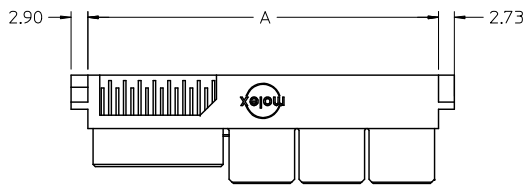
NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-6211	47.5	4.50	3.18
16	45984-6221	50.0		
20	45984-6231	52.6		
24	45984-6241	55.1		
28	45984-6251	57.6		
32	45984-6261	60.2		
36	45984-6271	62.7	3.60	2.36
40	45984-6281	65.3		
12	45984-6212	47.5		
16	45984-6222	50.0		
20	45984-6232	52.6		
24	45984-6242	55.1		
28	45984-6252	57.6	2.90	1.57
32	45984-6262	60.2		
36	45984-6272	62.7		
40	45984-6282	65.3		
12	45984-6213	47.5		
16	45984-6223	50.0		
20	45984-6233	52.6		
24	45984-6243	55.1		
28	45984-6253	57.6		
32	45984-6263	60.2		
36	45984-6273	62.7		
40	45984-6283	65.3		



45984-6261 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 SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR		
REV		3 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13	MOLEX INCORPORATED		
		2 PLACES	± 0.25	± ---	APPROVED BY MARGULIS	DATE 2005/05/13	DOCUMENT NO. SD-45984-600	SHEET NO. 2 OF 5	
		1 PLACE	± ---	± ---	ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A					

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Rev. D 2004/06/28

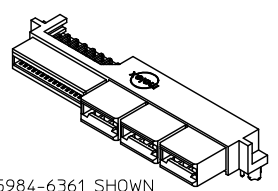


NO OF SIGNALS  
OPTIONAL  
SEE CHART

OPTIONAL PEGS

MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-6311	47.5	49.90	4.50	3.18
16	45984-6321	50.0	52.44		
20	45984-6331	52.6	54.98		
24	45984-6341	55.1	57.52		
28	45984-6351	57.6	60.06		
32	45984-6361	60.2	62.60		
36	45984-6371	62.7	65.14	3.60	2.36
40	45984-6381	65.3	67.68		
12	45984-6312	47.5	49.90		
16	45984-6322	50.0	52.44		
20	45984-6332	52.6	54.98		
24	45984-6342	55.1	57.52		
28	45984-6352	57.6	60.06	2.90	1.57
32	45984-6362	60.2	62.60		
36	45984-6372	62.7	65.14		
40	45984-6382	65.3	67.68		
12	45984-6313	47.5	49.90		
16	45984-6323	50.0	52.44		
20	45984-6333	52.6	54.98	2.90	1.57
24	45984-6343	55.1	57.52		
28	45984-6353	57.6	60.06		
32	45984-6363	60.2	62.60		
36	45984-6373	62.7	65.14	2.90	1.57
40	45984-6383	65.3	67.68		



45984-6361 SHOWN  
FOR REF ONLY  
SEE CHART

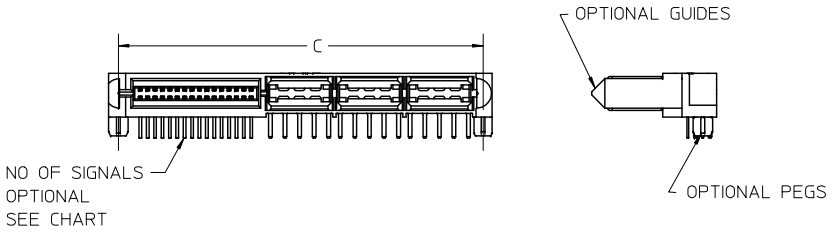
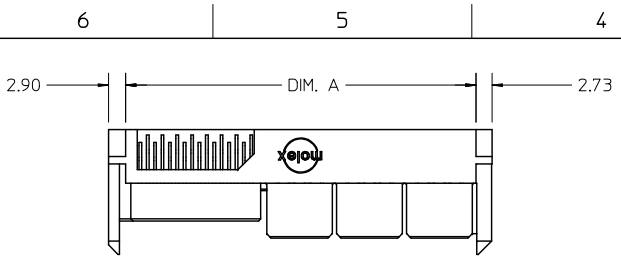
REVISED	DESCRIPTION
EC NO: UCP2009-0971	
DRW:MBANDURA	2008/11/13
CHKD:	2008/11/14
APPR:APATEL	2008/11/17

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.	

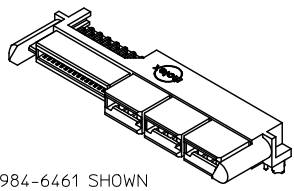
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45984-600	3 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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Rev. D 2004/06/28



GUIDE POST & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-6411	47.5	49.90	4.50	3.18
16	45984-6421	50.0	52.44		
20	45984-6431	52.6	54.98		
24	45984-6441	55.1	57.52		
28	45984-6451	57.6	60.06		
32	45984-6461	60.2	62.60		
36	45984-6471	62.7	65.14	3.60	2.36
40	45984-6481	65.3	67.68		
12	45984-6412	47.5	49.90		
16	45984-6422	50.0	52.44		
20	45984-6432	52.6	54.98		
24	45984-6442	55.1	57.52		
28	45984-6452	57.6	60.06		
32	45984-6462	60.2	62.60		
36	45984-6472	62.7	65.14	2.90	1.57
40	45984-6482	65.3	67.68		
12	45984-6413	47.5	49.90		
16	45984-6423	50.0	52.44		
20	45984-6433	52.6	54.98		
24	45984-6443	55.1	57.52		
28	45984-6453	57.6	60.06		
32	45984-6463	60.2	62.60		
36	45984-6473	62.7	65.14		
40	45984-6483	65.3	67.68		



45984-6461 SHOWN FOR REF ONLY SEE CHART

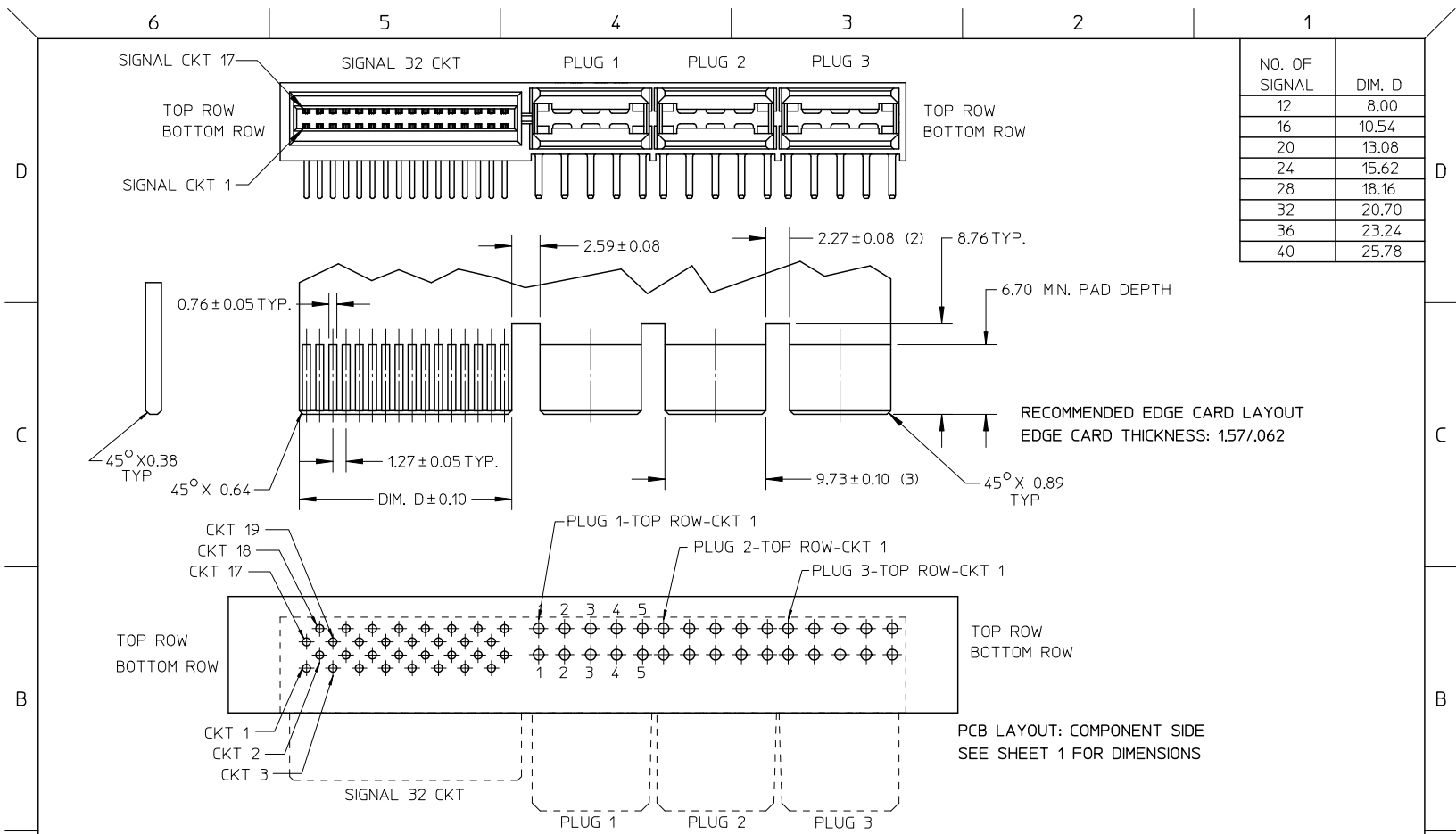
REVISED	DESCRIPTION
EC NO: UCP2009-0971	
DRWN:MBANDURA	2008/11/13
CHKD:	2008/11/14
APPR:APATEL	2008/11/17

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.	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	☉
TITLE		
LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45984-600	4 OF 5	
SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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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

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

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	

DRAWN BY		DATE	
CHECKED BY		DATE	
APPROVED BY		DATE	
MATERIAL NO.			

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	METRIC	
TITLE		
LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45984-600	5 OF 5	

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Rev. D 2004/06/28