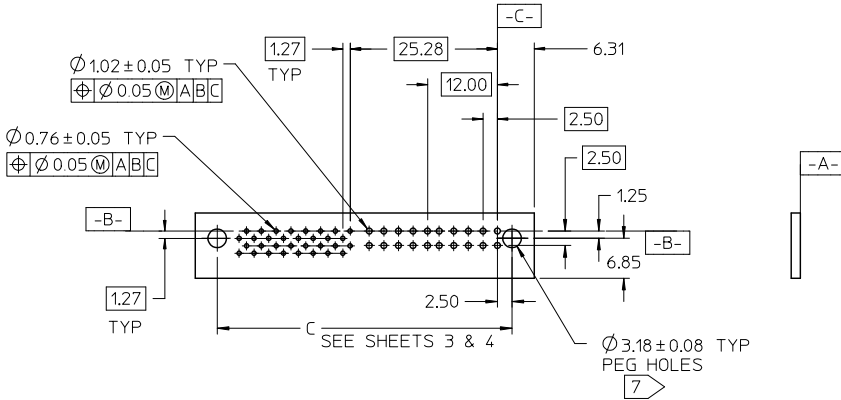
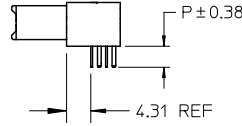
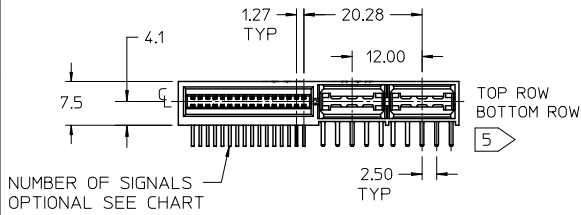
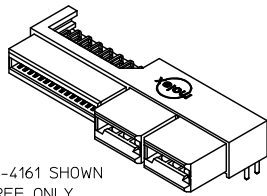


- NOTES:
1. MATERIAL HOUSING: LCP, 94V-0, COLOR-BLACK.
CONTACT: COPPER ALLOY.
 2. FINISH: SELECT GOLD - .76 μ M/30 MI MIN. CONTACT AREA.
SELECT TIN - 3.81 μ M/150 MI MIN. TAIL AREA.
BOTH OVER NICKEL - 1.27 μ M/50 MI MIN.
 3. POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
 3. PRODUCT SPECIFICATION: PS-45984-001.
 4. PACKAGING: TRAY PER PK-45984-001.
 5. SEE SHEET 5 FOR CKT IDENTIFICATION.
 6. PARTS ARE RoHS COMPLIANT.
 7. PEG HOLES ARE OPTIONAL SEE SHEET 3 AND 4.
 8. MATES TO 1.57/.062 CARD EDGE OR MOLEX P/N 45985-4****.



RECOMMENDED PCB LAYOUT: COMPONENT SIDE
PEG HOLES OPTIONAL

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45984-4111	35.5	4.50	3.18
16	45984-4121	38.0		
20	45984-4131	40.6		
24	45984-4141	43.1		
28	45984-4151	45.6		
32	45984-4161	48.2		
36	45984-4171	50.7	3.60	2.36
40	45984-4181	53.3		
12	45984-4112	35.5		
16	45984-4122	38.0		
20	45984-4132	40.6		
24	45984-4142	43.1		
28	45984-4152	45.6	2.90	1.57
32	45984-4162	48.2		
36	45984-4172	50.7		
40	45984-4182	53.3		
12	45984-4113	35.5		
16	45984-4123	38.0		
20	45984-4133	40.6	2.90	1.57
24	45984-4143	43.1		
28	45984-4153	45.6		
32	45984-4163	48.2		
36	45984-4173	50.7	2.90	1.57
40	45984-4183	53.3		



45984-4161 SHOWN
FOR REF ONLY
SEE CHART

REVISED EC NO: UCP2009-0971 DIR:WIMBANDURA CHKD: APPR:APATEL	DESCRIPTION 2008/11/13 2008/11/14 2008/11/17	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 4 CIRCUIT POWER CONNECTOR		
		3 PLACES	± ---	± ---	CHECKED BY	DATE			
		2 PLACES	± 0.25	± ---	SAMIEC	2005/05/13			
1 PLACE	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/05/13					
		ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO. SD-45984-400		SHEET NO. 1 OF 5	
		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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Rev. D 2004/06/28

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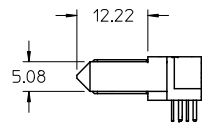
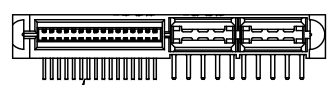
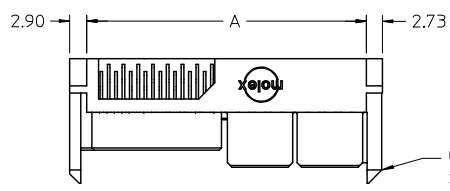
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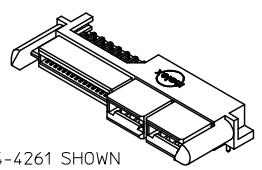
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NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-4211	35.5	4.50	3.18
16	45984-4221	38.0		
20	45984-4231	40.6		
24	45984-4241	43.1		
28	45984-4251	45.6		
32	45984-4261	48.2		
36	45984-4271	50.7	3.60	2.36
40	45984-4281	53.3		
12	45984-4212	35.5		
16	45984-4222	38.0		
20	45984-4232	40.6		
24	45984-4242	43.1		
28	45984-4252	45.6	2.90	1.57
32	45984-4262	48.2		
36	45984-4272	50.7		
40	45984-4282	53.3		
12	45984-4213	35.5		
16	45984-4223	38.0		
20	45984-4233	40.6		
24	45984-4243	43.1		
28	45984-4253	45.6		
32	45984-4263	48.2		
36	45984-4273	50.7		
40	45984-4283	53.3		



NO OF SIGNALS
OPTIONAL
SEE CHART

GUIDE POST OPTIONS



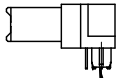
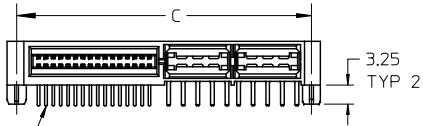
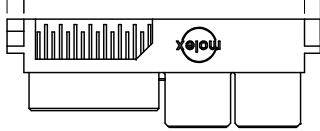
45984-4261 SHOWN
FOR REF ONLY
SEE CHART

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 4 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-45984-400	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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6 5 4 3 2 1

2.90 A 2.73

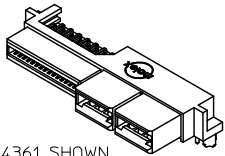


NO OF SIGNALS
OPTIONAL
SEE CHART

OPTIONAL PEGS

MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-4311	35.5	37.90	4.50	3.18
16	45984-4321	38.0	40.44		
20	45984-4331	40.6	42.98		
24	45984-4341	43.1	45.52		
28	45984-4351	45.6	48.06		
32	45984-4361	48.2	50.60		
36	45984-4371	50.7	53.14	3.60	2.36
40	45984-4381	53.3	55.68		
12	45984-4312	35.5	37.90		
16	45984-4322	38.0	40.44		
20	45984-4332	40.6	42.98		
24	45984-4342	43.1	45.52		
28	45984-4352	45.6	48.06		
32	45984-4362	48.2	50.60		
36	45984-4372	50.7	53.14	2.90	1.57
40	45984-4382	53.3	55.68		
12	45984-4313	35.5	37.90		
16	45984-4323	38.0	40.44		
20	45984-4333	40.6	42.98		
24	45984-4343	43.1	45.52		
28	45984-4353	45.6	48.06		
32	45984-4363	48.2	50.60		
36	45984-4373	50.7	53.14		
40	45984-4383	53.3	55.68		



45984-4361 SHOWN
FOR REF ONLY
SEE CHART

REVISED EC NO: UCP2009-0971 DRWN:MBANDURA CHKD: APPR:APATEL 2008/11/13 2008/11/14 2008/11/17	DESCRIPTION REV	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 4 CIRCUIT POWER CONNECTOR			
		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-45984-400	SHEET NO. 3 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		MATERIAL NO.				

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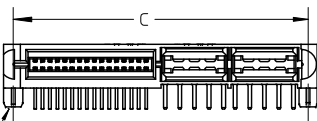
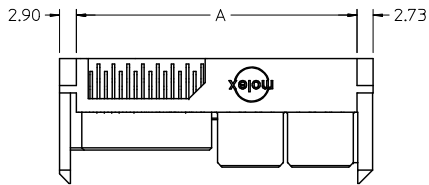
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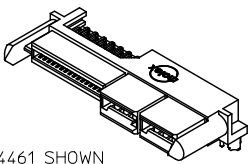
NO OF SIGNALS
OPTIONAL
SEE CHART

OPTIONAL GUIDES

OPTIONAL PEGS

GUIDE POST & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-4411	35.5	37.90	4.50	3.18
16	45984-4421	38.0	40.44		
20	45984-4431	40.6	42.98		
24	45984-4441	43.1	45.52		
28	45984-4451	45.6	48.06		
32	45984-4461	48.2	50.60	3.60	2.36
36	45984-4471	50.7	53.14		
40	45984-4481	53.3	55.68		
12	45984-4412	35.5	37.90		
16	45984-4422	38.0	40.44		
20	45984-4432	40.6	42.98		
24	45984-4442	43.1	45.52		
28	45984-4452	45.6	48.06		
32	45984-4462	48.2	50.60		
36	45984-4472	50.7	53.14		
40	45984-4482	53.3	55.68		
12	45984-4413	35.5	37.90	2.90	1.57
16	45984-4423	38.0	40.44		
20	45984-4433	40.6	42.98		
24	45984-4443	43.1	45.52		
28	45984-4453	45.6	48.06		
32	45984-4463	48.2	50.60		
36	45984-4473	50.7	53.14		
40	45984-4483	53.3	55.68		



45984-4461 SHOWN
FOR REF ONLY
SEE CHART

REVISED	DESCRIPTION
EC NO: UCP2009-0971	
DRWN:MBANDURA	
CHKD:	
APPR:APATEL	
REV	

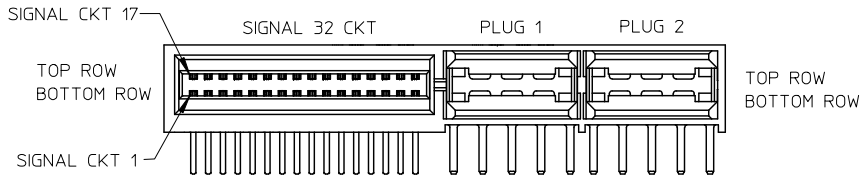
GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.25 ± ---
1 PLACE	± --- ± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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.	

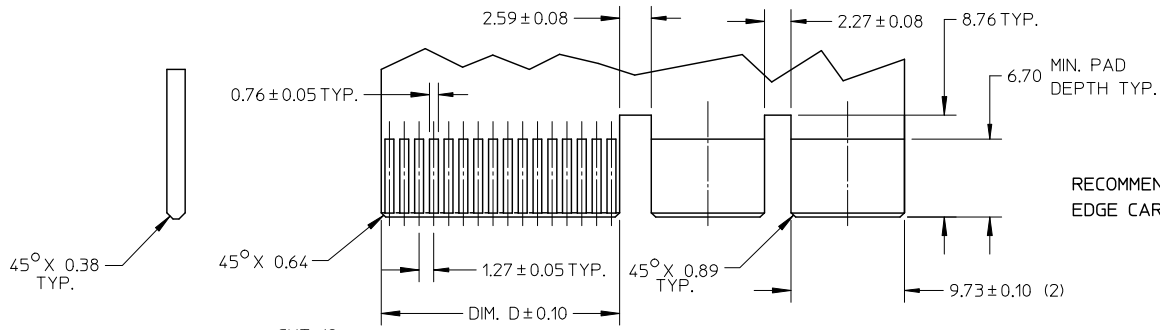
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	⊙
TITLE		
LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45984-400	4 OF 5	
SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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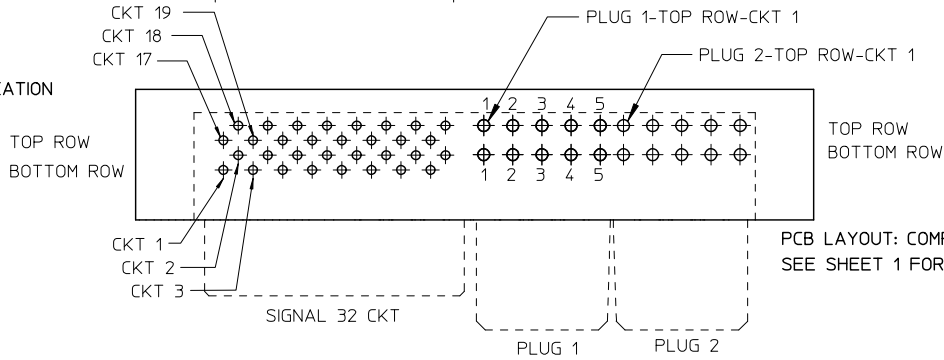


NO. OF SIGNAL	DIM. D
12	8.00
16	10.54
20	13.08
24	15.62
28	18.16
32	20.70
36	23.24
40	25.78



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 1.57/062

CIRCUIT IDENTIFICATION



PCB LAYOUT: COMPONENT SIDE
SEE SHEET 1 FOR DIMENSIONS

REVISED EC NO: UCP2009-0971 DRWN:MBANDURA CHKD: APPR:APATEL 2008/11/13 2008/11/14 2008/11/17 DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	4 PLACES ± --- ± ---		DRAWN BY SAMI EC		DATE 2005/05/13		TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR MOLEX INCORPORATED
	3 PLACES ± --- ± ---		CHECKED BY		DATE		
	2 PLACES ± 0.25 ± ---		SAMI EC		2005/05/13		
	1 PLACE ± --- ± ---		APPROVED BY MARGULIS		DATE 2005/05/13		DOCUMENT NO. SD-45984-400
ANGULAR ± 1/2°		MATERIAL NO.		SHEET NO. 5 OF 5			
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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