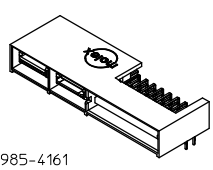
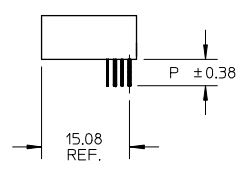


- NOTES:
1. MATERIAL: LCP: 94V-0, BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 2. FINISH: SELECT GOLD 0.76 μ M/30 MI MIN. IN CONTACT AREA
SELECT TIN 3.81 μ M/150 MI MIN. IN PC TAIL AREA
BOTH OVER NICKEL 1.27 μ M/50 MI MIN
 3. PRODUCT SPECIFICATION: PS-45984-001
 4. PACKAGING SPECIFICATION: TRAY PER PK-45984-001.
 5. SEE SHEET 5 FOR CIRCUIT IDENTIFICATION.
 6. PARTS ARE RoHS COMPLIANT.
 7. PEG HOLES ARE OPTIONAL PCB FEATURES AND ARE REQUIRED ONLY WITH THE PEGGED OPTIONS.
 8. MATES WITH MOLEX RECEPTACLE SERIES 45984-4***.

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-4111	36.16	4.50	3.18
16	45985-4121	38.70		
20	45985-4131	41.24		
24	45985-4141	43.78		
28	45985-4151	46.32		
32	45985-4161	48.86	3.90	2.36
36	45985-4171	51.40		
40	45985-4181	53.94		
12	45985-4112	36.16		
16	45985-4122	38.70		
20	45985-4132	41.24	2.90	1.57
24	45985-4142	43.78		
28	45985-4152	46.32		
32	45985-4162	48.86		
36	45985-4172	51.40		
40	45985-4182	53.94		
12	45985-4113	36.16		
16	45985-4123	38.70		
20	45985-4133	41.24		
24	45985-4143	43.78		
28	45985-4153	46.32		
32	45985-4163	48.86		
36	45985-4173	51.40		
40	45985-4183	53.94		



45985-4161
(SHOWN FOR REFERENCE)
SEE CHART

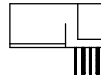
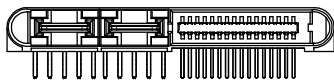
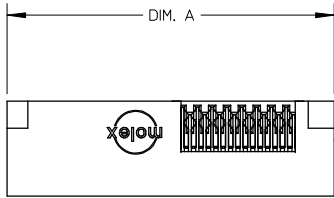
REVISED	DESCRIPTION
EC NO: UCP2007-3140	
DRWN: BANDURA	2008/03/04
CHKD:	2008/03/04
APPR: APATEL	2008/03/06

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		MM ONLY		1:1	METRIC	
4 PLACES	± ---	mm	INCH	DRAWN BY	DATE	LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR
3 PLACES	± ---			JSCHAFFER	6-10-05	
2 PLACES	± 0.25			CHECKED BY	DATE	
1 PLACE	± ---			YMARGULIS	6-14-05	
ANGULAR ±1/2°				APPROVED BY	DATE	MOLEX INCORPORATED
				YMARGULIS	6-15-05	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.	DOCUMENT NO.	SHEET NO.
				SIZE	SD-45985-400	1 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

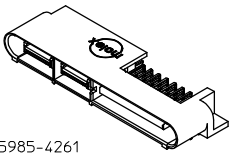
6 5 4 3 2 1



GUIDE OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-4211	43.66	4.50	3.18
16	45985-4221	46.20		
20	45985-4231	48.74		
24	45985-4241	51.28		
28	45985-4251	53.82		
32	45985-4261	56.36		
36	45985-4271	58.90	3.90	2.36
40	45985-4281	61.44		
12	45985-4212	43.66		
16	45985-4222	46.20		
20	45985-4232	48.74		
24	45985-4242	51.28		
28	45985-4252	53.82		
32	45985-4262	56.36		
36	45985-4272	58.90	2.90	1.57
40	45985-4282	61.44		
12	45985-4213	43.66		
16	45985-4223	46.20		
20	45985-4233	48.74		
24	45985-4243	51.28		
28	45985-4253	53.82		
32	45985-4263	56.36		
36	45985-4273	58.90		
40	45985-4283	61.44		

NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.

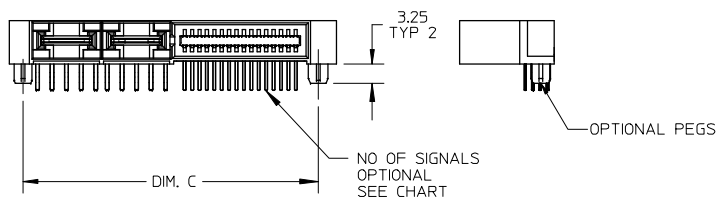
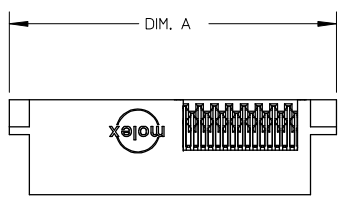


45985-4261
(SHOWN FOR REFERENCE)
SEE CHART

REVISED EC NO: UCP2007-3140 DRWN: BANDURA 2008/03/03 CHKD: 2008/03/04 APPR: APATEL 2008/03/06 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY JSCHAFFER	DATE 6-10-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR MOLEX INCORPORATED	
	4 PLACES	± ---	± ---	CHECKED BY	DATE		
	3 PLACES	± ---	± ---	YMARGULIS	6-14-05		
2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
	1 PLACE	± ---	± ---	YMARGULIS	6-15-05	MATERIAL NO. SEE CHART DOCUMENT NO. SD-45985-400 SHEET NO. 2 OF 5	
	ANGULAR ± 1/2°		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		

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Rev. D 2004/06/28

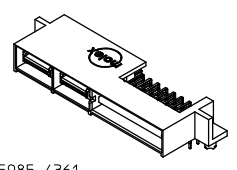
5 4 3 2 1



MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-4311	43.66	37.98	4.50	3.18
16	45985-4321	46.20	40.52		
20	45985-4331	48.74	43.06		
24	45985-4341	51.28	45.60		
28	45985-4351	53.82	48.14		
32	45985-4361	56.36	50.68		
36	45985-4371	58.90	53.22	3.90	2.36
40	45985-4381	61.44	55.76		
12	45985-4312	43.66	37.98		
16	45985-4322	46.20	40.52		
20	45985-4332	48.74	43.06		
24	45985-4342	51.28	45.60		
28	45985-4352	53.82	48.14		
32	45985-4362	56.36	50.68		
36	45985-4372	58.90	53.22	2.90	1.57
40	45985-4382	61.44	55.76		
12	45985-4313	43.66	37.98		
16	45985-4323	46.20	40.52		
20	45985-4333	48.74	43.06		
24	45985-4343	51.28	45.60		
28	45985-4353	53.82	48.14		
32	45985-4363	56.36	50.68		
36	45985-4373	58.90	53.22	2.90	1.57
40	45985-4383	61.44	55.76		

NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-4361
(SHOWN FOR REFERENCE)
SEE CHART

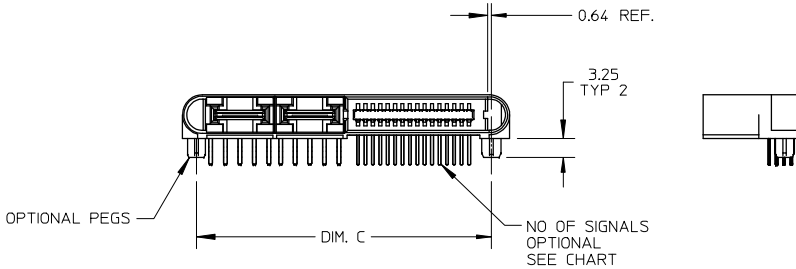
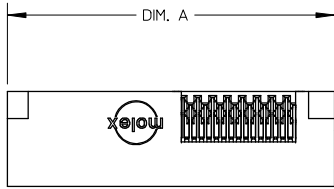
REVISED	DESCRIPTION
EC NO: UCP2007-3140	
DRWN:MBANDURA	
CHKD:	
APPR:APATEL	
REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
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
JSCHAFFER	6-10-05
CHECKED BY	DATE
YMARGULIS	6-14-05
APPROVED BY	DATE
YMARGULIS	6-15-05
MATERIAL NO.	SEE CHART
SIZE	A

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR		
Molex MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45985-400	3 OF 5	

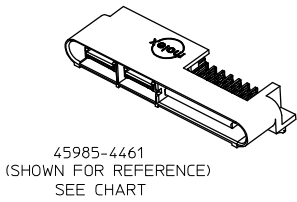
6 5 4 3 2 1



GUIDE & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-4411	43.66	37.98	4.50	3.18
16	45985-4421	46.20	40.52		
20	45985-4431	48.74	43.06		
24	45985-4441	51.28	45.60		
28	45985-4451	53.82	48.14		
32	45985-4461	56.36	50.68	3.90	2.36
36	45985-4471	58.90	53.22		
40	45985-4481	61.44	55.76		
12	45985-4412	43.66	37.98		
16	45985-4422	46.20	40.52		
20	45985-4432	48.74	43.06	2.90	1.57
24	45985-4442	51.28	45.60		
28	45985-4452	53.82	48.14		
32	45985-4462	56.36	50.68		
36	45985-4472	58.90	53.22		
40	45985-4482	61.44	55.76	2.90	1.57
12	45985-4413	43.66	37.98		
16	45985-4423	46.20	40.52		
20	45985-4433	48.74	43.06		
24	45985-4443	51.28	45.60		
28	45985-4453	53.82	48.14		
32	45985-4463	56.36	50.68		
36	45985-4473	58.90	53.22		
40	45985-4483	61.44	55.76		

NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



REVISED EC NO: UCP2007-3140 DRWN: BANDURA 2008/03/03 CHKD: 2008/03/04 APPR: APATEL 2008/03/06 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY JSCHAFFER	DATE 6-10-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR		
	4 PLACES	± ---	± ---	CHECKED BY YMARGULIS	DATE 6-14-05			
	3 PLACES	± ---	± ---	APPROVED BY YMARGULIS	DATE 6-15-05	MOLEX INCORPORATED		
	2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART				
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

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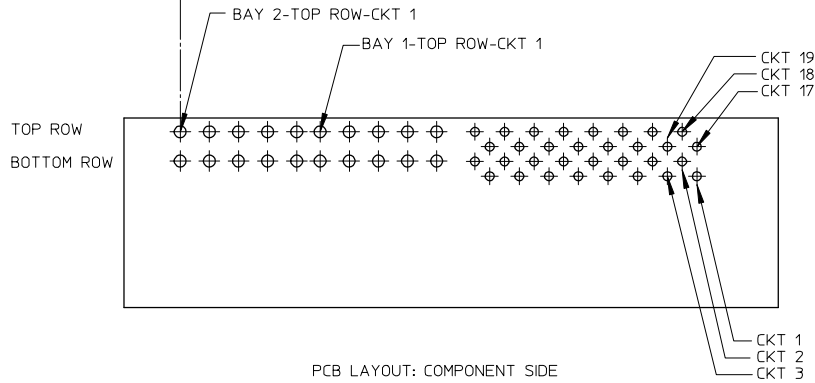
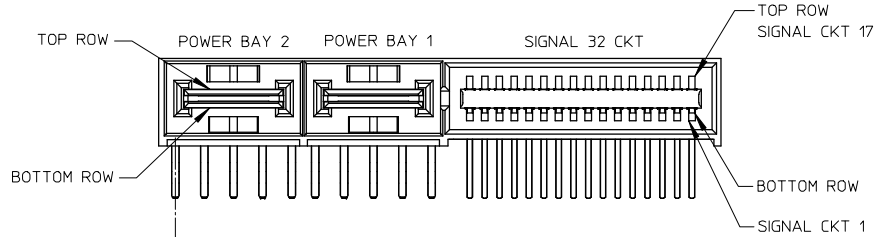
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1

CIRCUIT NUMBERING SYSTEM



PCB LAYOUT: COMPONENT SIDE

REVISED EC NO: UCP2007-3140 DRWN:MBANDURA 2008/03/03 CHKD: 2008/03/04 APPR:APATEL 2008/03/06 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY JSCHAFFER	DATE 6-10-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR MOLEX INCORPORATED	
	4 PLACES	±---	±---	CHECKED BY YMARGULIS	DATE 6-14-05		
	3 PLACES	±---	±---	APPROVED BY YMARGULIS	DATE 6-15-05		
	2 PLACES	±0.25	±---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-45985-400	SHEET NO. 5 OF 5
1 PLACE	±---	±---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

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Rev. D 2004/06/28

5

4

3

2

1