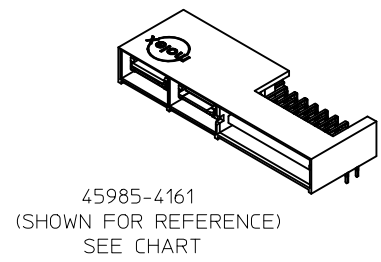
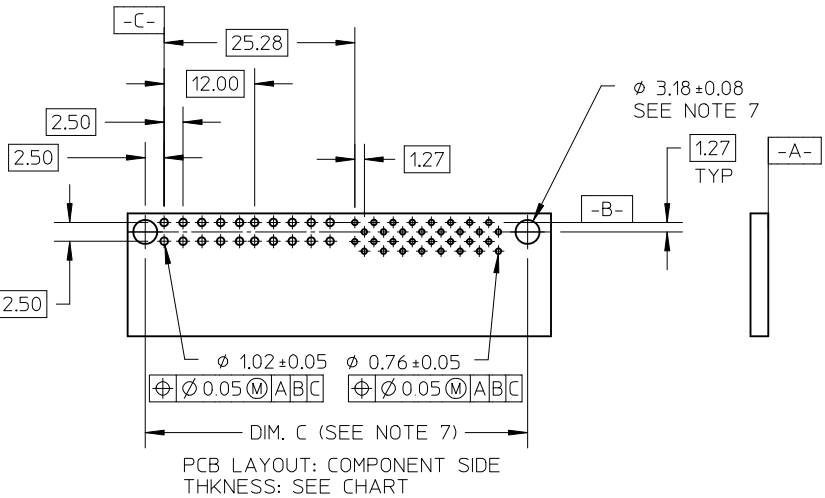
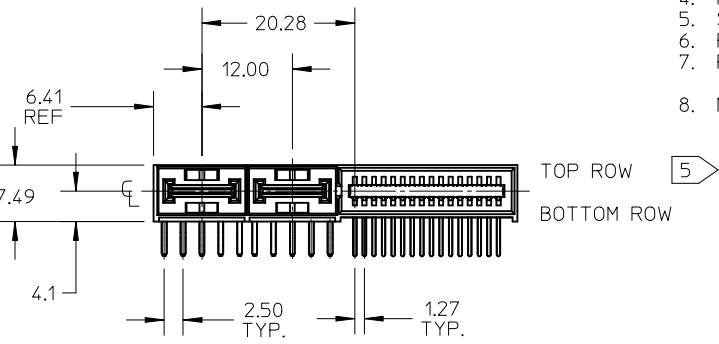
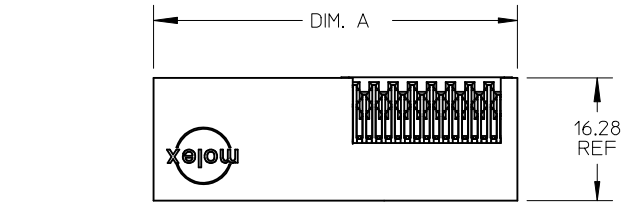


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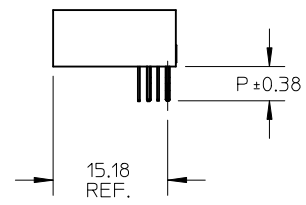
B

A



45985-4161
(SHOWN FOR REFERENCE)
SEE CHART

- NOTES:
1. MATERIAL:
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER),
UL94V-0; COLOR: BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 2. FINISH: SELECT GOLD 0.76 MICROMETER/30 MICORINCH MINIMUM;
SELECT TIN 3.81 MICROMETER/150 MICORINCH MINIMUM;
BOTH OVER NICKEL 1.27 MICROMETER/50 MICORINCH MINIMUM.
 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		
36	45985-4171	51.40		
40	45985-4181	53.94		
12	45985-4112	36.16	3.90	2.36
16	45985-4122	38.70		
20	45985-4132	41.24		
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	2.90	1.57
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		

D

C

B

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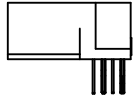
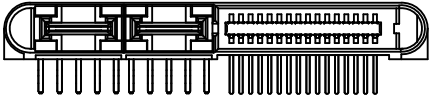
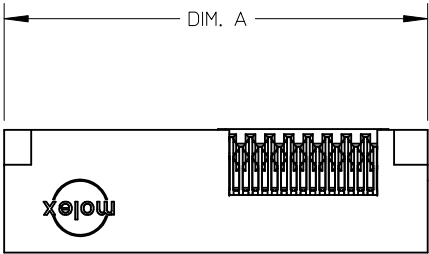
MOD HSG NOTE, MOLEX ID EC NO: UCP2012-0902				DRWN:MBANDURA 2010/07/15 CHKD:MIBARRA 2011/10/17 APPR:SMILLER 2011/11/09				DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION			
												DRAWN BY JSCHAFFER		DATE 6-10-05		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	
								2 PLACES		± 0.25		± ---									
								1 PLACE		± ---		± ---						 MOLEX INCORPORATED			
										ANGULAR ±1/2°				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-45985-400		1 OF 5			
														SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

D

C

B

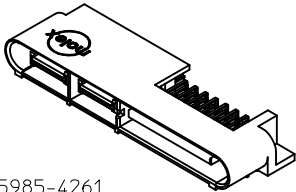
A



GUIDE OPTIONS

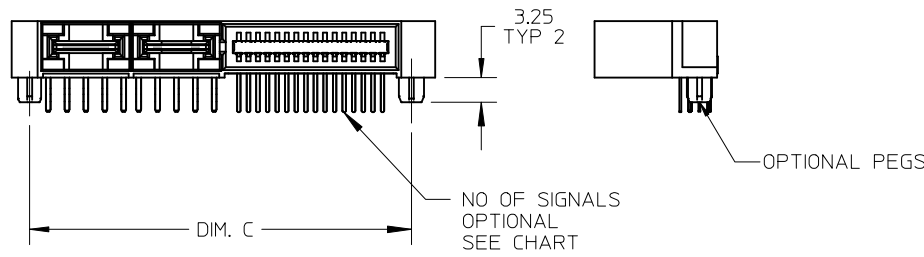
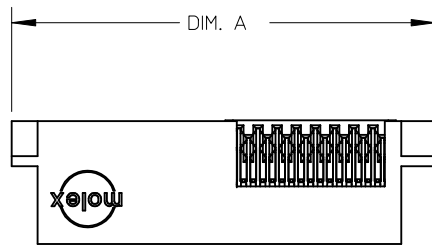
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-4211	43.66	4.50	3.18
16	45985-4221	46.20		
20	45985-4231	48.74		
24	45985-4241	51.28		
28	45985-4251	53.82		
32	45985-4261	56.36		
36	45985-4271	58.90	3.90	2.36
40	45985-4281	61.44		
12	45985-4212	43.66		
16	45985-4222	46.20		
20	45985-4232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

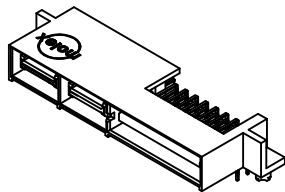
SEE SHEET 1 EC NO: UCP2012-0902 DRWN:MBANDURA 2010/07/15 CHKD:MIBARRA 2011/10/17 APPR:SMILLER 2011/11/09	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JSCHAFFER	DATE 6-10-05	TITLE LPH PLUG ASSEMBLY 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	± ---							
		1 PLACE	± ---	± ---							
		ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-45985-400		2 OF 5		
		REV				SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



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	2.90	1.57
36	45985-4372	58.90	53.22		
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		
40	45985-4383	61.44	55.76		

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



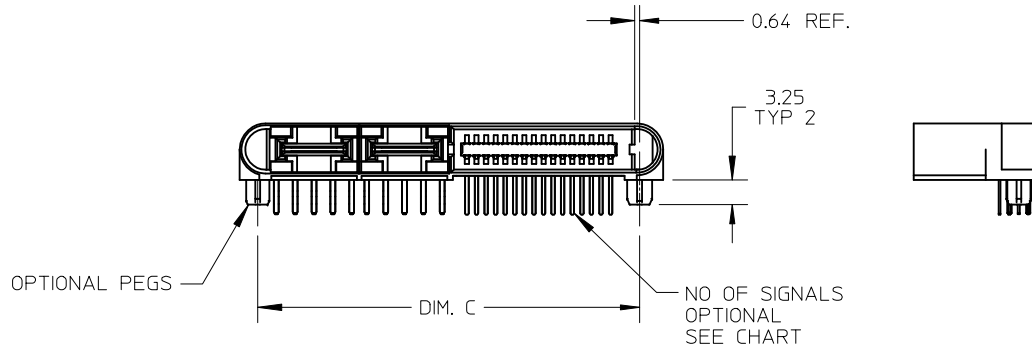
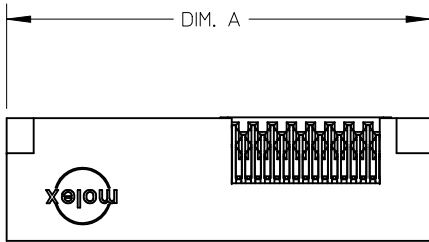
45985-4361
(SHOWN FOR REFERENCE)
SEE CHART

SEE SHEET 1	DESCRIPTION
EC NO: UCP2012-0902	REV
DRWN:MBANDURA 2010/07/15	
CHKD:MIBARRA 2011/10/17	
APPR:SMILLER 2011/11/09	

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
JSCHAFFER	6-10-05
CHECKED BY	DATE
YMARGULIS	6-14-05
APPROVED BY	DATE
YMARGULIS	6-15-05
MATERIAL NO.	SEE CHART
SIZE	A

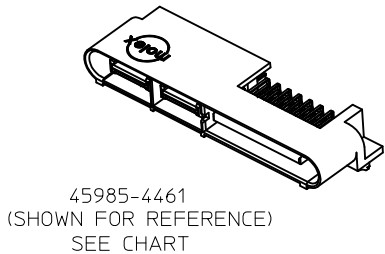
SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE LPH PLUG ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-45985-400			SHEET NO. 3 OF 5
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



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		
36	45985-4471	58.90	53.22		
40	45985-4481	61.44	55.76		
12	45985-4412	43.66	37.98	3.90	2.36
16	45985-4422	46.20	40.52		
20	45985-4432	48.74	43.06		
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		
12	45985-4413	43.66	37.98	2.90	1.57
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.



SEE SHEET 1 EC NO: UCP2012-0902 DRWN:MBANDURA 2010/07/15 CHKD:MIBARRA 2011/10/17 APPR:SMILLER 2011/11/09 D	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	DATE						
		3 PLACES	± ---	± ---	YMARGULIS	6-14-05						
		2 PLACES	± 0.25	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED					
		1 PLACE	± ---	± ---	YMARGULIS	6-15-05						
		ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-45985-400		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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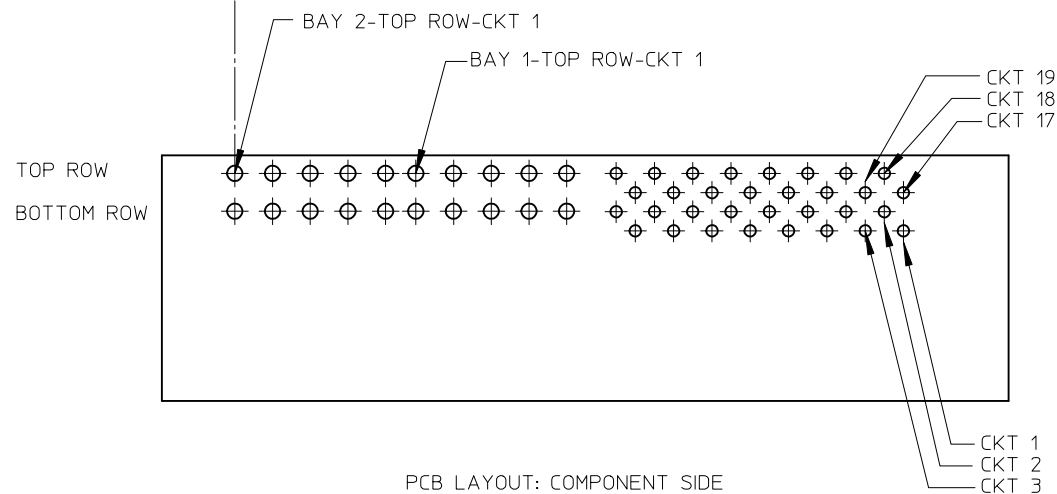
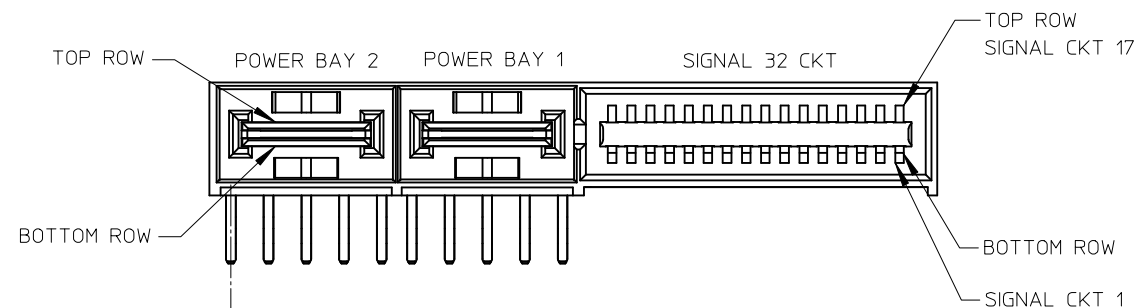
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1

CIRCUIT NUMBERING SYSTEM



PCB LAYOUT: COMPONENT SIDE

SEE SHEET 1 EC NO: UCP2012-0902 DRWN:MBANDURA 2010/07/15 CHKD:MIBARRA 2011/10/17 APPR:SMILLER 2011/11/09	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		
		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°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
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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