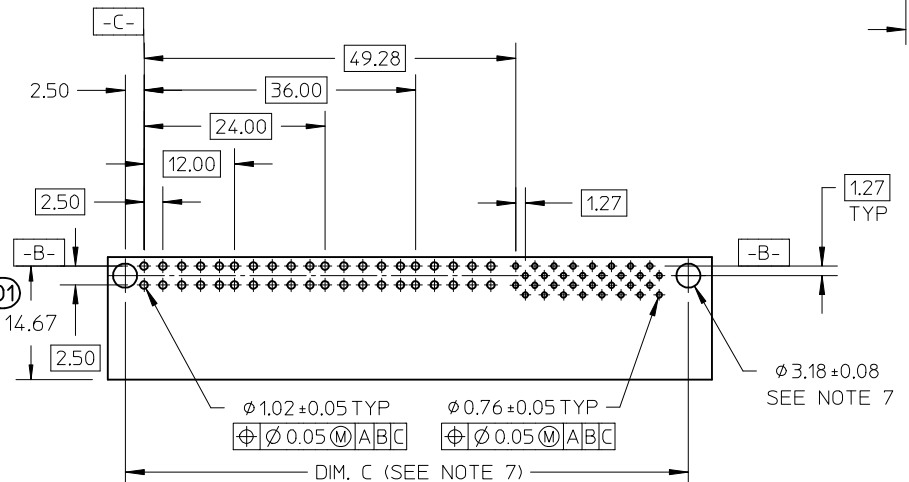
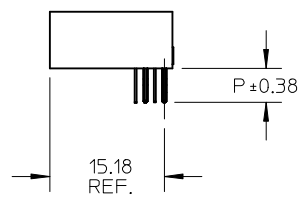
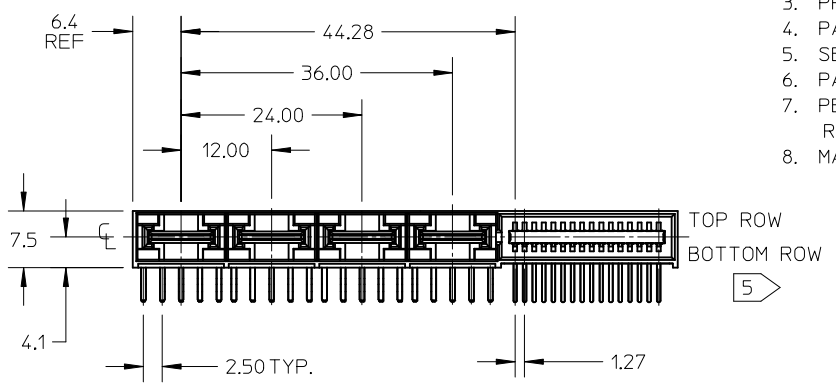
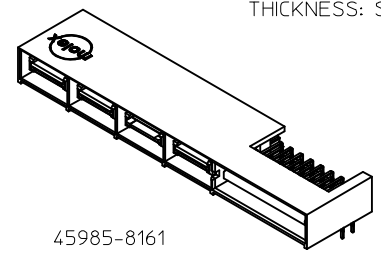


- NOTES:
- MATERIAL:
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0,COLOR-BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 - FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM;
SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM;
BOTH OVER NICKEL 1.27 MICROMETER/50 MICROINCH MINIMUM.
 - PRODUCT SPECIFICATION: PS-45984-001
 - PACKAGING SPECIFICATION: TRAY PER PK-45984-001
 - SEE SHEET 5 FOR CIRCUIT IDENTIFICATION
 - PARTS ARE RoHS COMPLIANT.
 - PEG HOLES ARE OPTIONAL PCB FEATURES AND ARE REQUIRED ONLY WITH THE PEGGED HOUSING OPTIONS.
 - MATES WITH RECEPTACLE SERIES 45984-8***.

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-8111	60.16	4.50	3.18
16	45985-8121	62.70		
20	45985-8131	65.24		
24	45985-8141	67.78		
28	45985-8151	70.32		
32	45985-8161	72.86	3.90	2.36
36	45985-8171	75.40		
40	45985-8181	77.94		
12	45985-8112	60.16		
16	45985-8122	62.70		
20	45985-8132	65.24	2.90	1.57
24	45985-8142	67.78		
28	45985-8152	70.32		
32	45985-8162	72.86		
36	45985-8172	75.40		
40	45985-8182	77.94		
12	45985-8113	60.16	2.90	1.57
16	45985-8123	62.70		
20	45985-8133	65.24		
24	45985-8143	67.78		
28	45985-8153	70.32		
32	45985-8163	72.86		
36	45985-8173	75.40		
40	45985-8183	77.94		



PCB LAYOUT: COMPONENT SIDE
THICKNESS: SEE CHART



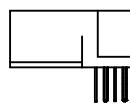
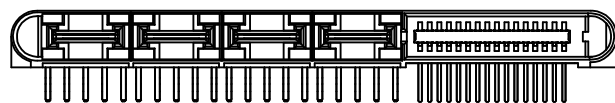
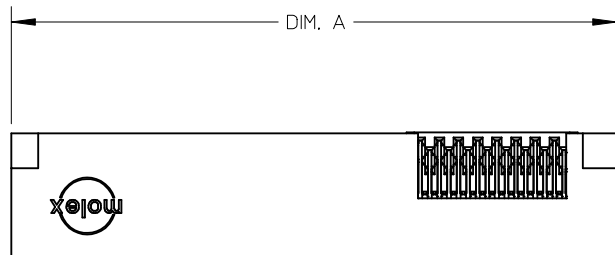
ADD DIMENSION	DESCRIPTION	QUALITY SYMBOLS
EC NO: UCP2015-3913	2015/03/24	$\nabla F = 0$
DRWN: JQUILES	2015/03/24	$\nabla E = 0$
CHKD: MBANDURA	2015/04/09	$\nabla A = 0$
APPR: APATEL		
D1	REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR $\pm 1/2^\circ$
4 PLACES	$\pm \text{---}$
3 PLACES	$\pm \text{---}$
2 PLACES	± 0.25
1 PLACE	$\pm \text{---}$

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
SCHAFFER	2005/05/17
CHECKED BY	DATE
SAMIEC	2005/05/17
APPROVED BY	DATE
MARGULIS	2005/05/18
MATERIAL NO.	
SEE CHART	

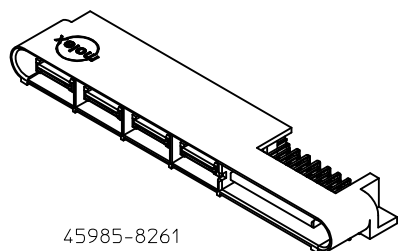
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-45985-800		1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



GUIDE OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-8211	67.66	4.50	3.18
16	45985-8221	70.20		
20	45985-8231	72.74		
24	45985-8241	75.28		
28	45985-8251	77.82		
32	45985-8261	80.36		
36	45985-8271	82.90	3.90	2.36
40	45985-8281	85.44		
12	45985-8212	67.26		
16	45985-8222	70.20		
20	45985-8232	72.74		
24	45985-8242	75.28		
28	45985-8252	77.82	2.90	1.57
32	45985-8262	80.36		
36	45985-8272	82.90		
40	45985-8282	85.44		
12	45985-8213	67.66		
16	45985-8223	70.20		
20	45985-8233	72.74	2.90	1.57
24	45985-8243	75.28		
28	45985-8253	77.82		
32	45985-8263	80.36		
36	45985-8273	82.90	2.90	1.57
40	45985-8283	85.44		

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



45985-8261
(SHOWN FOR REFERENCE)
SEE CHART

SEE SHEET 1 EC NO: UCP2015-3913 DRWN: JUILLES 2015/03/24 CHKD: MBANDURA 2015/03/24 APPR: APATEL 2015/04/09	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SCHAFFER	DATE 2005/05/17	TITLE LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/17				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS		DATE 2005/05/18	MOLEX INCORPORATED DOCUMENT NO. SD-45985-800		
2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART		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										

6

5

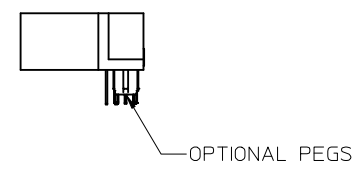
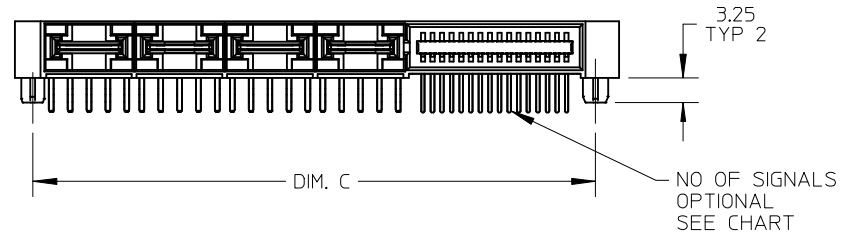
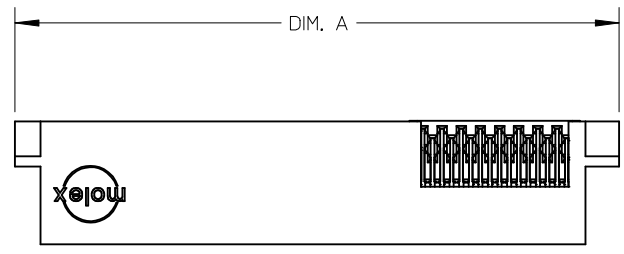
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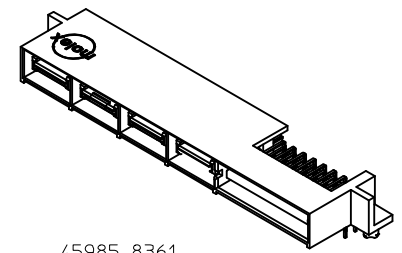
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NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-8311	67.66	61.98	4.50	3.18
16	45985-8321	70.20	64.52		
20	45985-8331	72.74	67.06		
24	45985-8341	75.28	69.60		
28	45985-8351	77.82	72.14		
32	45985-8361	80.36	74.68		
36	45985-8371	82.90	77.22	3.90	2.36
40	45985-8381	85.44	79.76		
12	45985-8312	67.66	61.98		
16	45985-8322	70.20	64.52		
20	45985-8332	72.74	67.06		
24	45985-8342	75.28	69.60		
28	45985-8352	77.82	72.14		
32	45985-8362	80.36	74.68		
36	45985-8372	82.90	77.22	2.90	1.57
40	45985-8382	85.44	79.76		
12	45985-8313	67.66	61.98		
16	45985-8323	70.20	64.52		
20	45985-8333	72.74	67.06		
24	45985-8343	75.28	69.60		
28	45985-8353	77.82	72.14		
32	45985-8363	80.36	74.68		
36	45985-8373	82.90	77.22		
40	45985-8383	85.44	79.76		



MOUNTING PEG OPTIONS

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



45985-8361
(SHOWN FOR REFERENCE)
SEE CHART

SEE SHEET 1 EC NO: UCP2015-3913 DRWN: JUILLES 2015/03/24 CHKD: MBANDURA 2015/03/24 APPR: APATEL 2015/04/09	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SCHAFFER	DATE 2005/05/17	TITLE LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/17				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS		DATE 2005/05/18	MOLEX INCORPORATED DOCUMENT NO. SD-45985-800		
2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART			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										

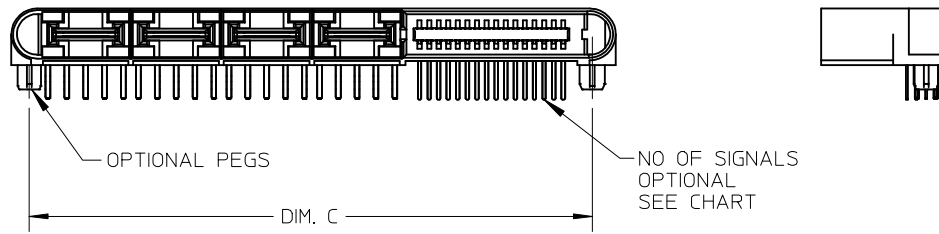
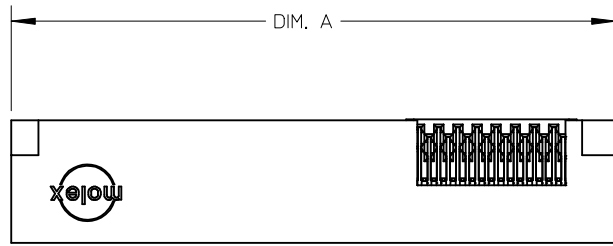
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2

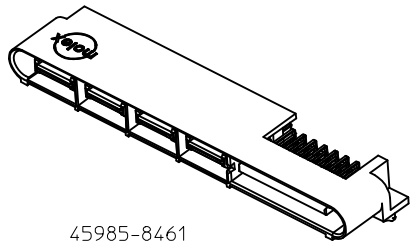
1



GUIDE & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-8411	67.66	61.98	4.50	3.18
16	45985-8421	70.20	64.52		
20	45985-8431	72.74	67.06		
24	45985-8441	75.28	69.60		
28	45985-8451	77.82	72.14		
32	45985-8461	80.36	74.68		
36	45985-8471	82.90	77.22	3.90	2.36
40	45985-8481	85.44	79.76		
12	45985-8412	67.66	61.98		
16	45985-8422	70.20	64.52		
20	45985-8432	72.74	67.06		
24	45985-8442	75.28	69.60		
28	45985-8452	77.82	72.14		
32	45985-8462	80.36	74.68		
36	45985-8472	82.90	77.22		
40	45985-8482	85.44	79.76	2.90	1.57
12	45985-8413	67.66	61.98		
16	45985-8423	70.20	64.52		
20	45985-8433	72.74	67.06		
24	45985-8443	75.28	69.60		
28	45985-8453	77.82	72.14		
32	45985-8463	80.36	74.68		
36	45985-8473	82.90	77.22		
40	45985-8483	85.44	79.76		

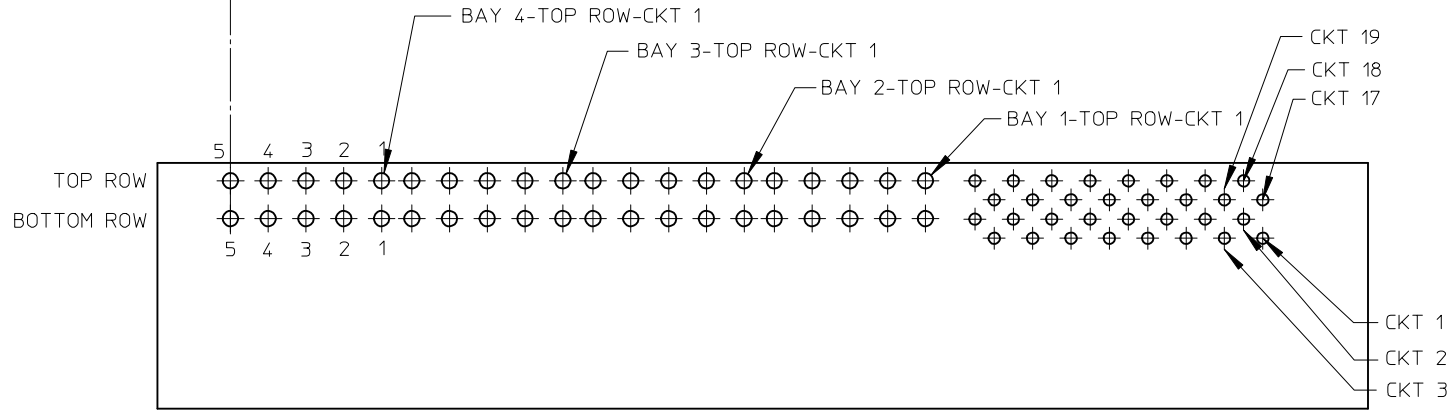
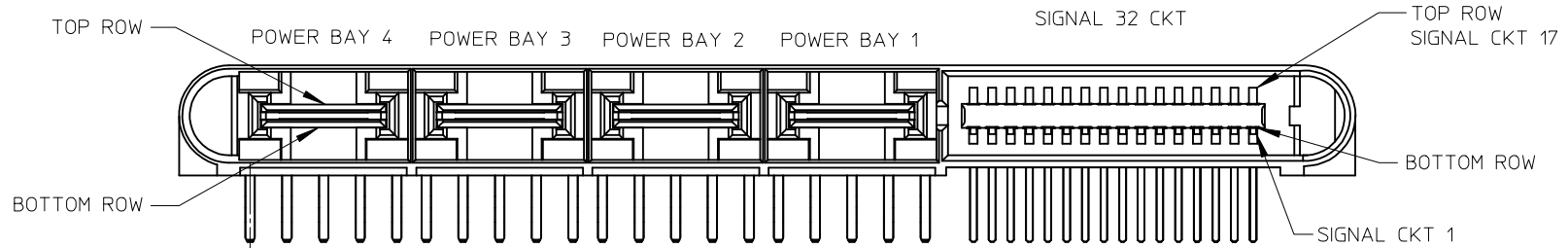
NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-8461
(SHOWN FOR REFERENCE)
SEE CHART

SEE SHEET 1 EC NO: UCP2015-3913 DRWN: JUILLES 2015/03/24 CHKD: MBANDURA 2015/03/24 APPR: APATEL 2015/04/09	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SCHAFFER	DATE 2005/05/17	TITLE LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/17				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/05/18	MOLEX INCORPORATED			
2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-45985-800	SHEET NO. 4 OF 5				
1 PLACE	± ---	± ---	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					
ANGULAR ±1/2°										

CIRCUIT IDENTIFICATION



PCB LAYOUT: COMPONENT SIDE

SEE SHEET 1 EC NO: UCP2015-3913 DRWN: JUILLES 2015/03/24 CHKD: MBANDURA 2015/03/24 APPR: APATEL 2015/04/09	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				DRAWN BY SCHAFFER	DATE 2005/05/17	TITLE LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC			
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/05/18	MOLEX INCORPORATED	
2 PLACES	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO. SD-45985-800	SHEET NO. 5 OF 5		
1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
ANGULAR ±1/2°								