



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



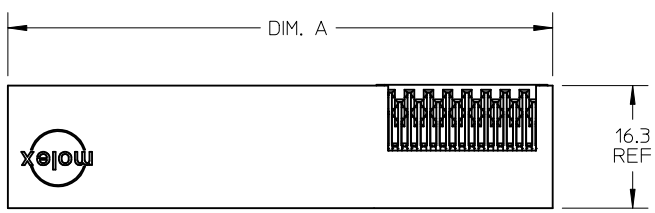
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

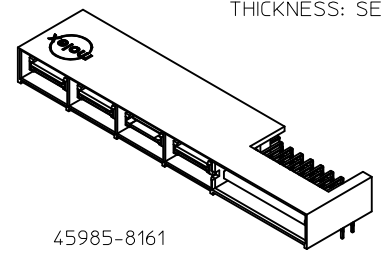
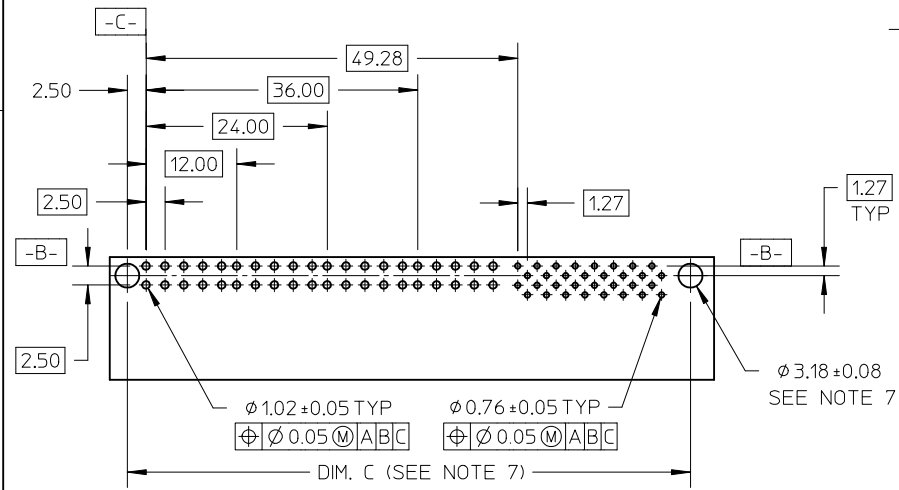
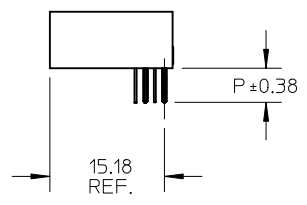
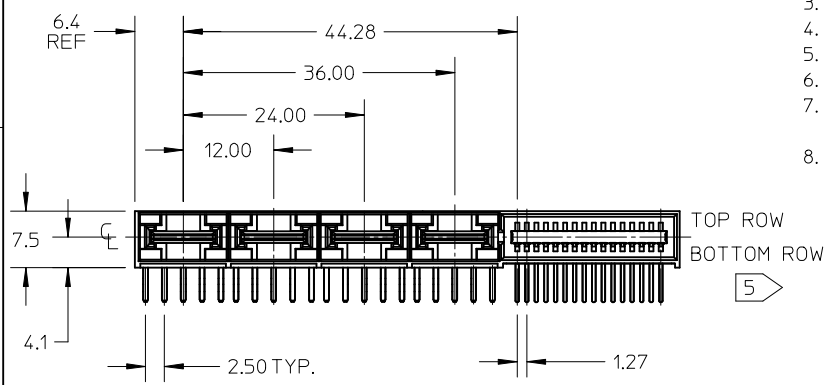
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





- 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 MICROINCH MINIMUM, SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM, BOTH OVER NICKEL 1.27 MICROMETER/50 MICROINCH 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 HOUSING OPTIONS.
  8. 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	2.90	1.57
12	45985-8113	60.16		
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		

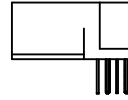
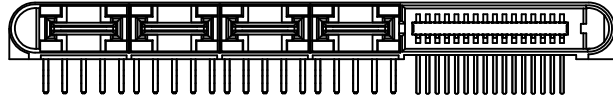
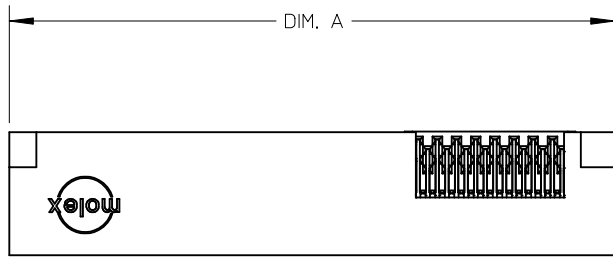


MOD HSG NOTE, MOLEX ID	QUALITY SYMBOLS
EC NO: UCP2012-0902	$\nabla F = 0$
DRWN:DMORGAN 2011/10/11	$\nabla E = 0$
CHKD:MI BARRA 2011/10/11	$\nabla A = 0$
APPR:SMILLER 2011/11/09	
DESCRIPTION	
D	REV

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
SCHAFFER	2005/05/17
CHECKED BY	DATE
SAMIEC	2005/05/17
APPROVED BY	DATE
MARGULIS	2005/05/18
MATERIAL NO.	
SEE CHART	

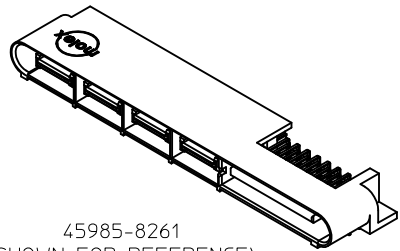
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
molex MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-45985-800		1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN 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: UCP2012-0902 DRWN:DMORGAN 2011/10/11 CHKD:MI BARRA 2011/10/11 APPR:SMILLER 2011/11/09	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 SHEET NO. 2 OF 5		
2 PLACES	± 0.25	± ---	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				
1 PLACE	± ---	± ---	ANGULAR ±1/2°							

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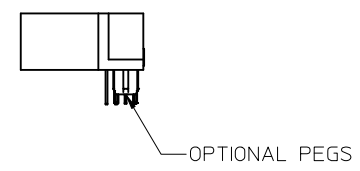
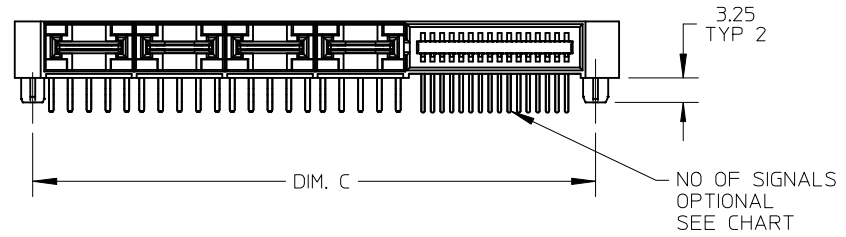
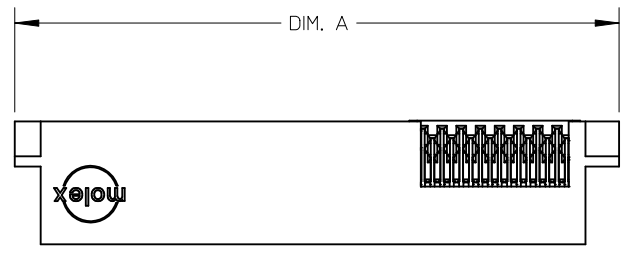
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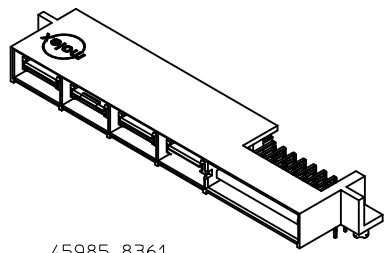
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NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-8311	67.66	61.98	4.50	3.18
16	45985-8321	70.20	64.52		
20	45985-8331	72.74	67.06		
24	45985-8341	75.28	69.60		
28	45985-8351	77.82	72.14		
32	45985-8361	80.36	74.68		
36	45985-8371	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: UCP2012-0902 DRWN:DMORGAN 2011/10/11 CHKD:MIBARRA 2011/10/11 APPR:SMILLER 2011/11/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																										
	$\nabla \text{E} = 0$ $\nabla \text{E} = 0$ $\nabla \text{E} = 0$	<table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td><math>\pm</math> ---</td><td><math>\pm</math> ---</td></tr> <tr><td>3 PLACES</td><td><math>\pm</math> ---</td><td><math>\pm</math> ---</td></tr> <tr><td>2 PLACES</td><td><math>\pm 0.25</math></td><td><math>\pm</math> ---</td></tr> <tr><td>1 PLACE</td><td><math>\pm</math> ---</td><td><math>\pm</math> ---</td></tr> </table>		mm	INCH	4 PLACES	$\pm$ ---	$\pm$ ---	3 PLACES	$\pm$ ---	$\pm$ ---	2 PLACES	$\pm 0.25$	$\pm$ ---	1 PLACE	$\pm$ ---	$\pm$ ---	<table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>SCHAFFER</td><td>2005/05/17</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>SAMIEC</td><td>2005/05/17</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>MARGULIS</td><td>2005/05/18</td></tr> </table>	DRAWN BY	DATE	SCHAFFER	2005/05/17	CHECKED BY	DATE	SAMIEC	2005/05/17	APPROVED BY	DATE	MARGULIS	2005/05/18	TITLE		LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR	
		mm	INCH																															
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CHECKED BY	DATE																																	
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APPROVED BY	DATE																																	
MARGULIS	2005/05/18																																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR $\pm 1/2^\circ$		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-45985-800		SHEET NO. 3 OF 5																											

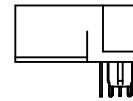
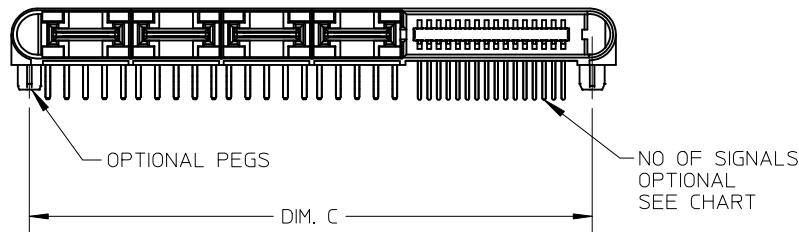
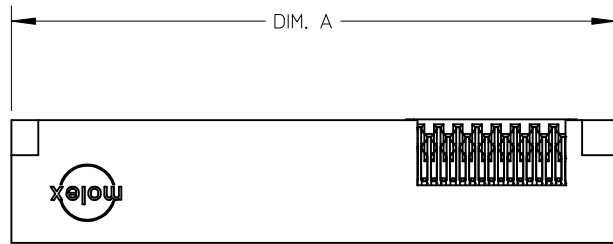
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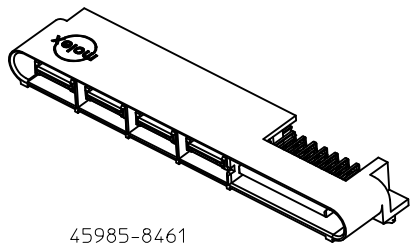
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GUIDE & MOUNTING PEG OPTIONS

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		

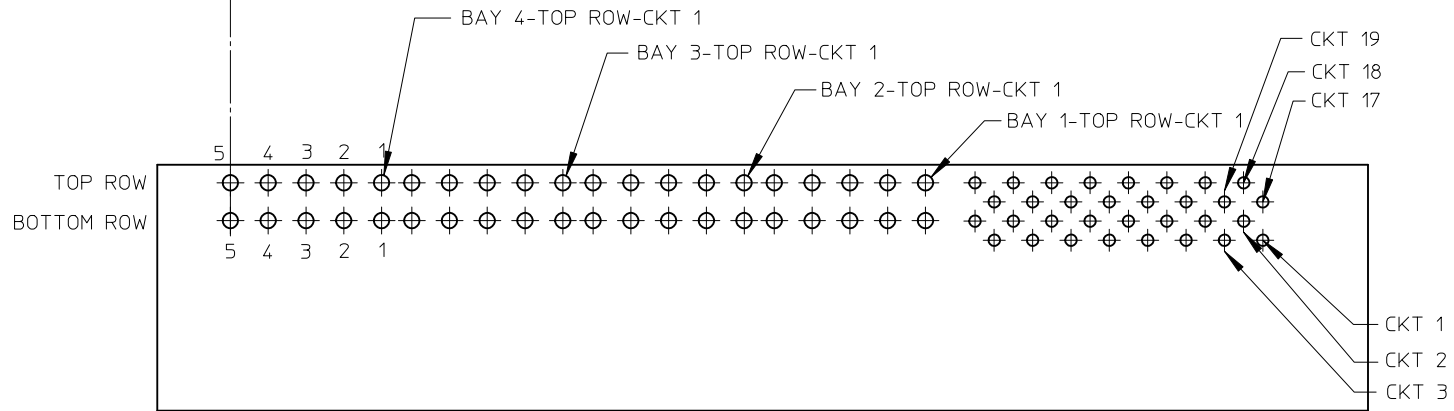
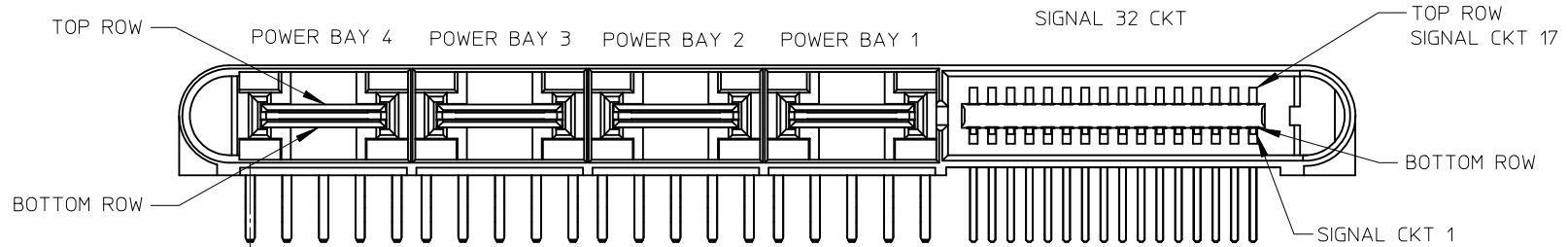
NOTE:  
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-8461  
(SHOWN FOR REFERENCE)  
SEE CHART

SEE SHEET 1 EC NO: UCP2012-0902 DRWN:DMORGAN 2011/10/11 CHKD:MI BARRA 2011/10/11 APPR:SMILLER 2011/11/09	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SCHAFFER	DATE 2005/05/17	TITLE <b>LPH PLUG ASSEMBLY          RT ANGLE 8 CIRCUIT          POWER CONNECTOR</b>			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/17				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS		DATE 2005/05/18	<b>MOLEX INCORPORATED</b>		
2 PLACES	± 0.25	± ---	MATERIAL NO. <b>SEE CHART</b>		DOCUMENT NO. <b>SD-45985-800</b>	SHEET NO. <b>4 OF 5</b>				
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: UCP2012-0902 DRWN:DMORGAN 2011/10/11 CHKD:MIBARRA 2011/10/11 APPR:SMILLER 2011/11/09	QUALITY SYMBOLS = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																									
				MM ONLY	1:1	METRIC																										
				<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± ---	± ---	<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>SCHAFFER</td> <td>2005/05/17</td> <td rowspan="3">LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>SAMIEC</td> <td>2005/05/17</td> </tr> </tbody> </table>	DRAWN BY	DATE	TITLE	SCHAFFER	2005/05/17	LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR	CHECKED BY	DATE	SAMIEC	2005/05/17	MOLEX INCORPORATED	
			mm	INCH																												
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°	APPROVED BY MARGULIS DATE 2005/05/18	MATERIAL NO. SEE CHARTS	DOCUMENT NO. SD-45985-800	SHEET NO. 5 OF 5																										