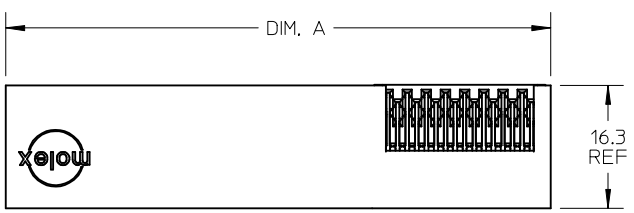
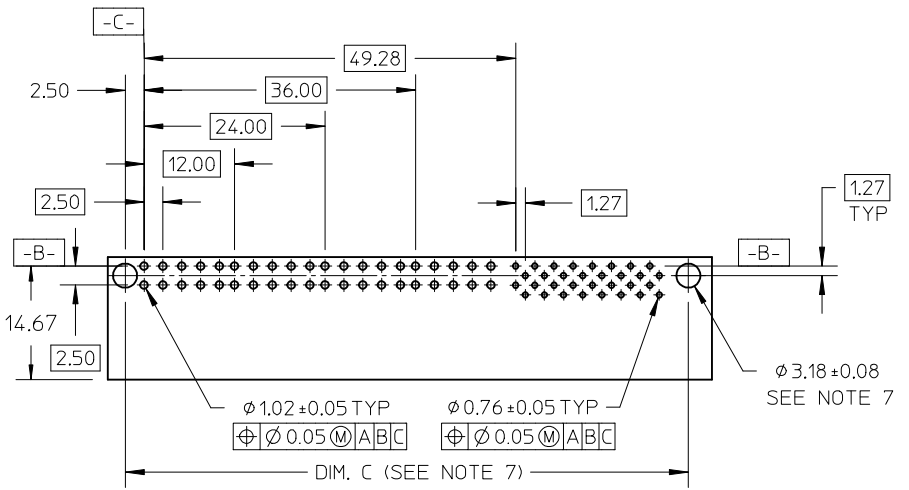
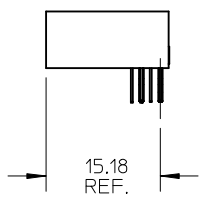
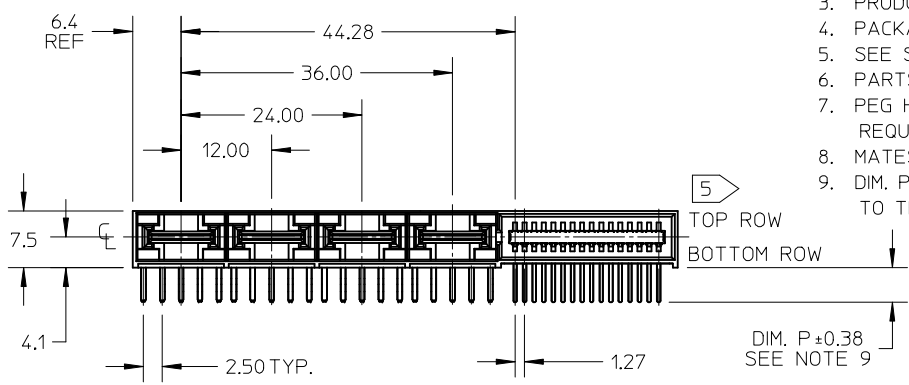


6 5 4 3 2 1

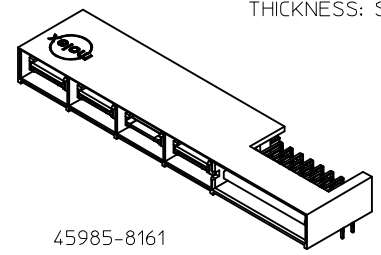


- NOTES:
1. MATERIAL:  
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0,COLOR-BLACK  
POWER CONTACT: COPPER ALLOY  
SIGNAL CONTACT: PHOSPHOR BRONZE
  2. FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM, SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM, BOTH OVER NICKEL 1.27 MICROMETER/50 MICROINCH 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 HOUSING OPTIONS.
  8. MATES WITH RECEPTACLE SERIES 45984-8\*\*\*.
  9. DIM. P TO BE MEASURED FROM HOUSING STAND-OFF TO TERMINAL TIP.

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		
36	45985-8171	75.40	3.90	2.36
40	45985-8181	77.94		
12	45985-8112	60.16		
16	45985-8122	62.70		
20	45985-8132	65.24		
24	45985-8142	67.78		
28	45985-8152	70.32	2.90	1.57
32	45985-8162	72.86		
36	45985-8172	75.40		
40	45985-8182	77.94		
12	45985-8113	60.16		
16	45985-8123	62.70		
20	45985-8133	65.24	2.90	1.57
24	45985-8143	67.78		
28	45985-8153	70.32		
32	45985-8163	72.86		
36	45985-8173	75.40	2.90	1.57
40	45985-8183	77.94		



PCB LAYOUT: COMPONENT SIDE  
THICKNESS: SEE CHART

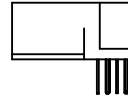
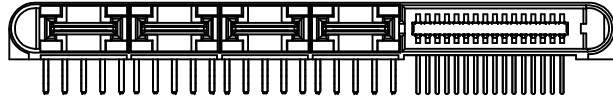
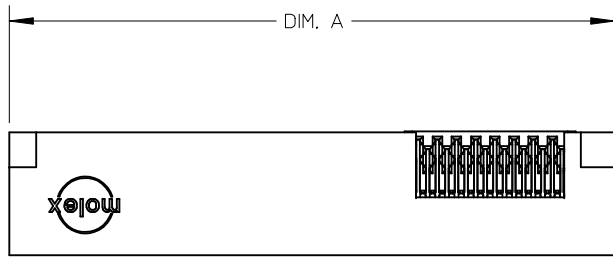


ADD NOTE 9	QUALITY SYMBOLS
EC NO: UCP2016-3486	$\nabla F = 0$
DRWN:MBANDURA 2016/06/13	$\nabla E = 0$
CHKD: CHKD:	$\nabla P = 0$
APPR:BP ISZCZOR 2016/07/26	
DESCRIPTION	
D2	REV

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

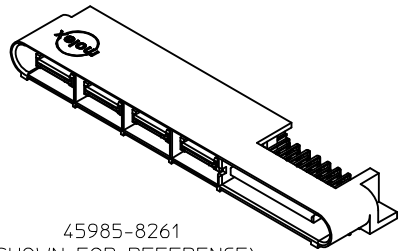
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-45985-800		1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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: UCP2016-3486 DRWN:MBANDURA 2016/06/13 CHKD: APPR:BP1/SZCZOR 2016/07/26 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES	mm	INCH	DRAWN BY SCHAFFER	DATE 2005/05/17	TITLE LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
	▽=0	3 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/17			
	▽=0	2 PLACES	± 0.25	± ---	APPROVED BY MARGULIS	DATE 2005/05/18	MOLEX INCORPORATED		
▽=0	1 PLACE	± ---	± ---	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-45985-800			
D2	REV	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			

6

5

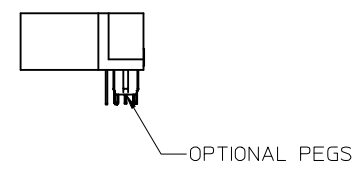
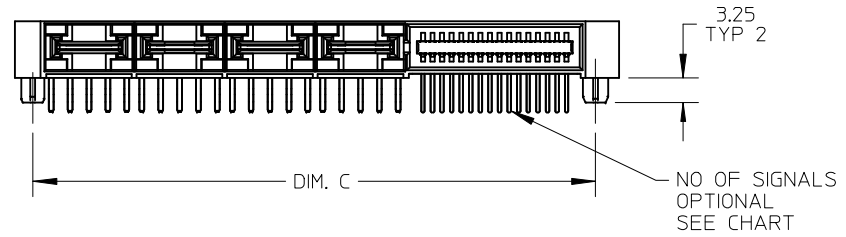
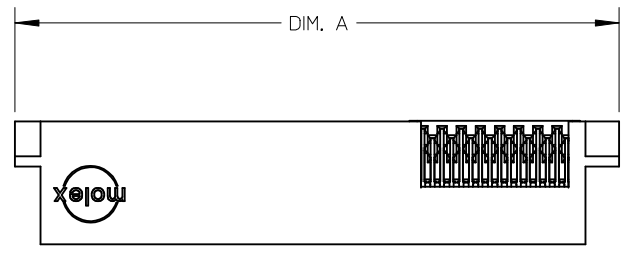
4

3

2

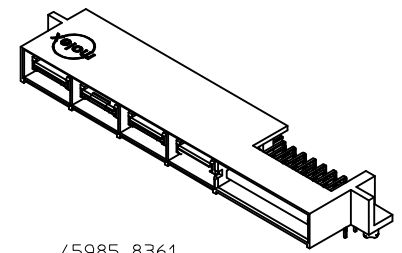
1

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	QUALITY SYMBOLS
EC NO: UCP2016-3486	$\nabla \text{E} = 0$
DRWN: MBANDURA 2016/06/13	$\nabla \text{E} = 0$
CHKD:	$\nabla \text{E} = 0$
APPR: BPISZCZOR 2016/07/26	$\nabla \text{E} = 0$
REV	DESCRIPTION
D2	

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES $\pm$ ---
3 PLACES $\pm$ ---
2 PLACES $\pm 0.25$
1 PLACE $\pm$ ---
ANGULAR $\pm 1/2^\circ$
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		
MATERIAL NO.		
SEE CHART		
DOCUMENT NO.		SHEET NO.
SD-45985-800		3 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
MATERIAL NO.		
SEE CHART		
DOCUMENT NO.		SHEET NO.
SD-45985-800		3 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

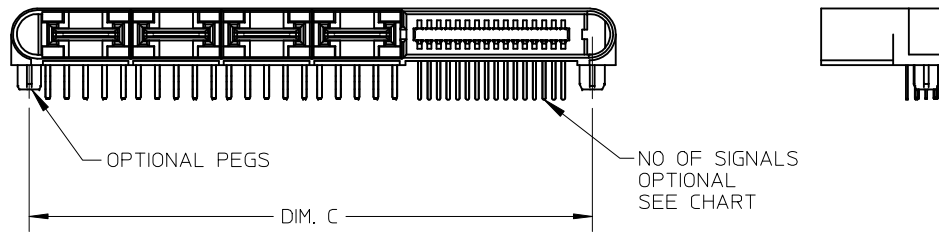
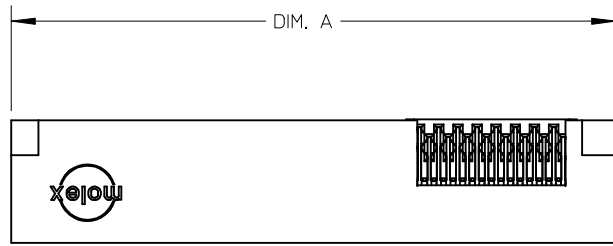
5

4

3

2

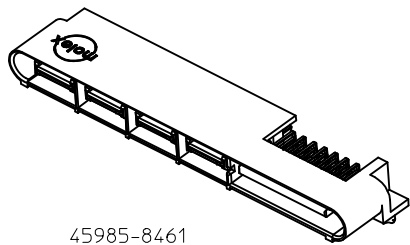
1



**GUIDE & MOUNTING PEG OPTIONS**

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-8411	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		

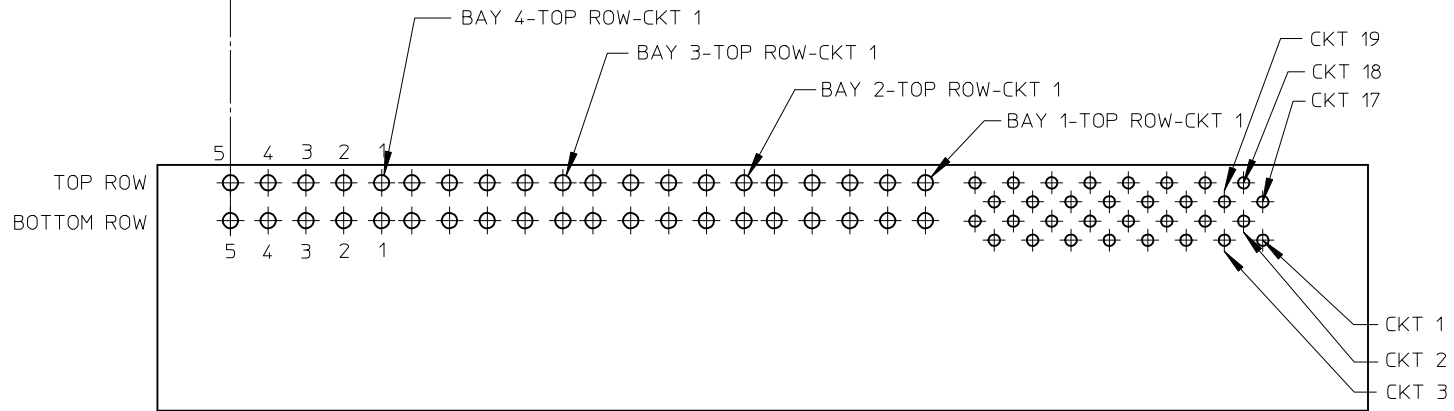
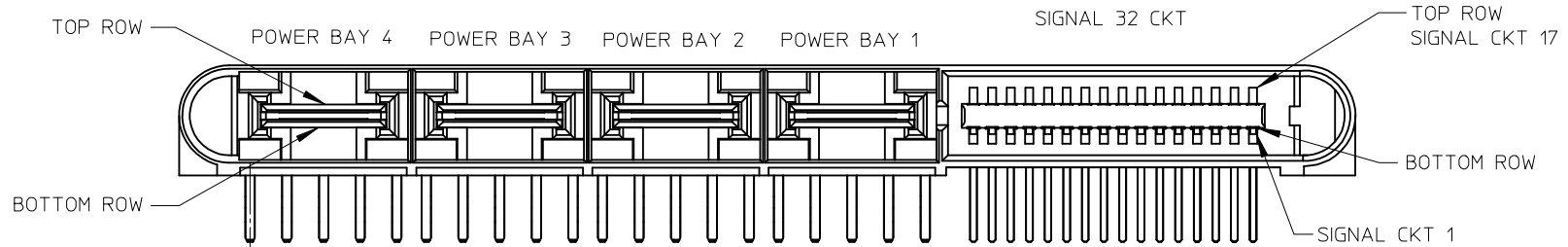
NOTE:  
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-8461  
(SHOWN FOR REFERENCE)  
SEE CHART

SEE SHEET 1 EC NO: UCP2016-3486 DRWN:MBANDURA 2016/06/13 CHKD: APPR:BP1/SZCZOR 2016/07/26	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	DATE	TITLE <b>LPH PLUG ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR</b>			
		4 PLACES	± ---	± ---	SCHAFFER	2005/05/17				
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED			
2 PLACES	± 0.25	± ---	SAMIEC	2005/05/17	DOCUMENT NO. <b>SD-45985-800</b>					
	1 PLACE	± ---	± ---	APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	ANGULAR ±1/2°		MATERIAL NO.	SEE CHART						
D2	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

CIRCUIT IDENTIFICATION



PCB LAYOUT: COMPONENT SIDE

SEE SHEET 1 EC NO: UCP2016-3486 DRWN:MBANDURA 2016/06/13 CHKD: APPR:BPISZCZOR 2016/07/26	DESCRIPTION D2	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																										
		$\nabla_F = 0$ $\nabla_G = 0$ $\nabla_P = 0$	<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> </tr> </thead> <tbody> <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> </tbody> </table>	DRAWN BY	DATE	SCHAFFER	2005/05/17	CHECKED BY	DATE	SAMIEC	2005/05/17	APPROVED BY	DATE	MARGULIS	2005/05/18	TITLE		<b>LPH PLUG ASSEMBLY          RT ANGLE 8 CIRCUIT          POWER CONNECTOR</b>	
			mm	INCH																															
		4 PLACES	± ---	± ---																															
3 PLACES	± ---	± ---																																	
2 PLACES	± 0.25	± ---																																	
1 PLACE	± ---	± ---																																	
DRAWN BY	DATE																																		
SCHAFFER	2005/05/17																																		
CHECKED BY	DATE																																		
SAMIEC	2005/05/17																																		
APPROVED BY	DATE																																		
MARGULIS	2005/05/18																																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. <b>SEE CHARTS</b>		MOLEX INCORPORATED DOCUMENT NO. <b>SD-45985-800</b>		SHEET NO. <b>5 OF 5</b>																												