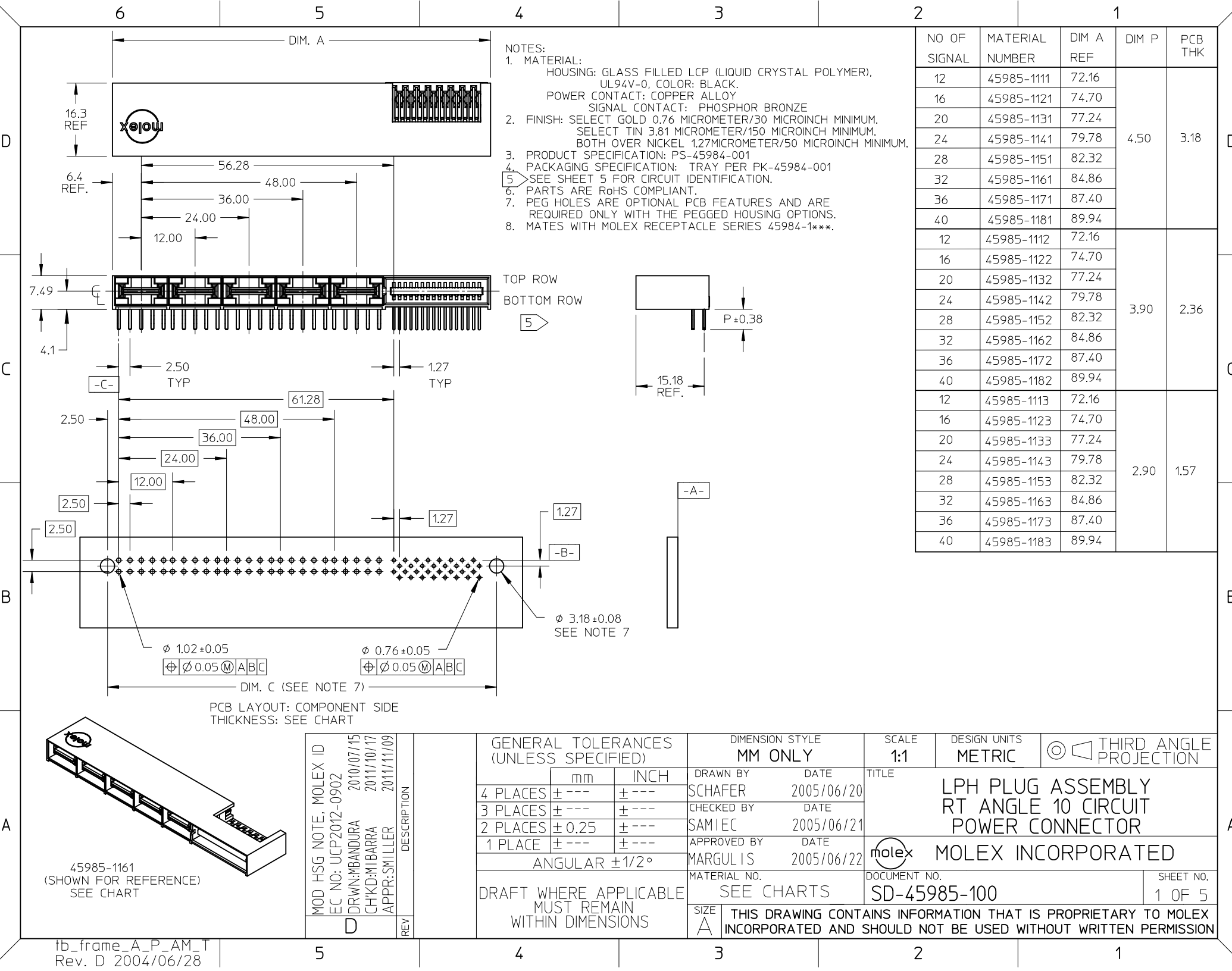


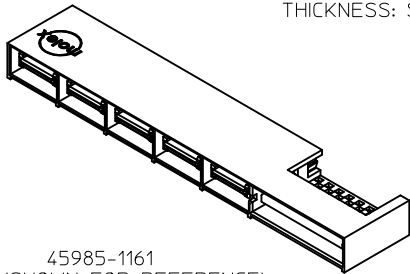


NOTES:

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 1.27MICROMETER/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 MOLEX RECEPTACLE SERIES 45984-1***.

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-1111	72.16	4.50	3.18
16	45985-1121	74.70		
20	45985-1131	77.24		
24	45985-1141	79.78		
28	45985-1151	82.32		
32	45985-1161	84.86	3.90	2.36
36	45985-1171	87.40		
40	45985-1181	89.94		
12	45985-1112	72.16		
16	45985-1122	74.70		
20	45985-1132	77.24		
24	45985-1142	79.78		
28	45985-1152	82.32		
32	45985-1162	84.86	2.90	1.57
36	45985-1172	87.40		
40	45985-1182	89.94		
12	45985-1113	72.16		
16	45985-1123	74.70		
20	45985-1133	77.24		
24	45985-1143	79.78		
28	45985-1153	82.32		
32	45985-1163	84.86		
36	45985-1173	87.40		
40	45985-1183	89.94		

PCB LAYOUT: COMPONENT SIDE
THICKNESS: SEE CHART



45985-1161
(SHOWN FOR REFERENCE)
SEE CHART

MOD HSG NOTE, MOLEX ID	DESCRIPTION
EC NO: UCP2012-0902	
DRW:MBANDURA 2010/07/15	
CHKD:MIBARRA 2011/10/17	
APPR:SMILLER 2011/11/09	
REV	

GENERAL TOLERANCES
(UNLESS SPECIFIED)

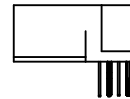
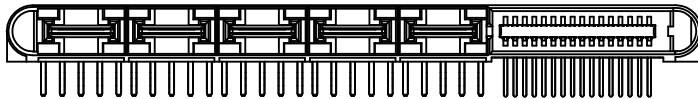
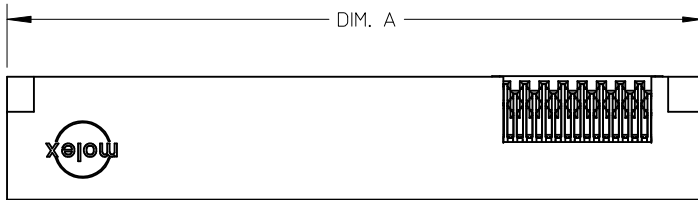
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SCHAFFER	2005/06/20
CHECKED BY	DATE
SAMIEC	2005/06/21
APPROVED BY	DATE
MARGULIS	2005/06/22
MATERIAL NO.	
SEE CHARTS	
SIZE	
A	

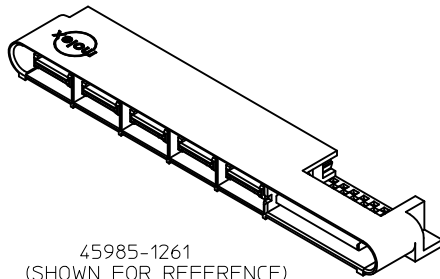
SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO. SD-45985-100	SHEET NO. 1 OF 5	



GUIDE OPTIONS

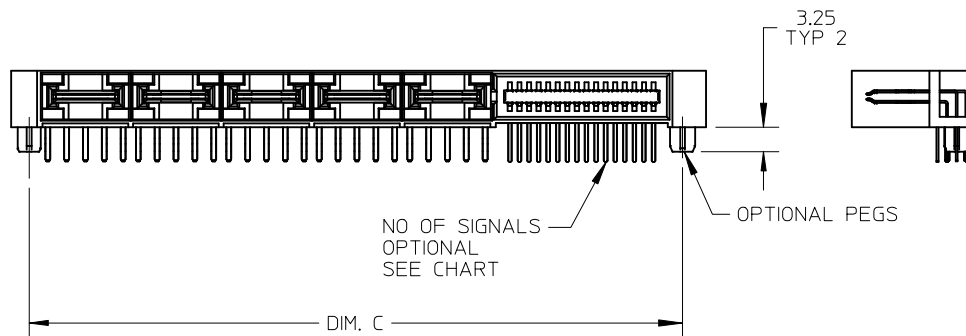
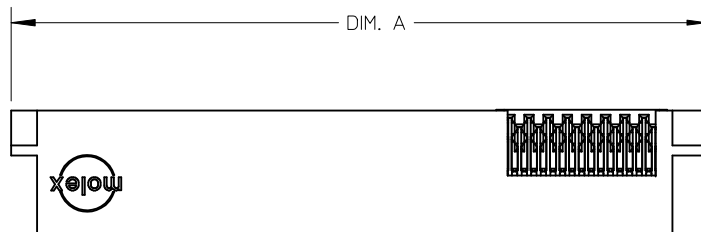
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-1211	79.66	4.50	3.18
16	45985-1221	82.20		
20	45985-1231	84.74		
24	45985-1241	87.28		
28	45985-1251	89.82		
32	45985-1261	92.36		
36	45985-1271	94.90		
40	45985-1281	97.44		
12	45985-1212	79.66	3.90	2.36
16	45985-1222	82.20		
20	45985-1232	84.74		
24	45985-1242	87.28		
28	45985-1252	89.82		
32	45985-1262	92.36		
36	45985-1272	94.90		
40	45985-1282	97.44		
12	45985-1213	79.66	2.90	1.57
16	45985-1223	82.20		
20	45985-1233	84.74		
24	45985-1243	87.28		
28	45985-1253	89.82		
32	45985-1263	92.36		
36	45985-1273	94.90		
40	45985-1283	97.44		

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



45985-1261
(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 SCHAFER	DATE 2005/06/20	TITLE LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR					
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/06/21						
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/06/22						
		2 PLACES	± 0.25	± ---			MOLEX INCORPORATED					
		1 PLACE	± ---	± ---								
		ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-45985-100				2 OF 5	
					SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	REV											

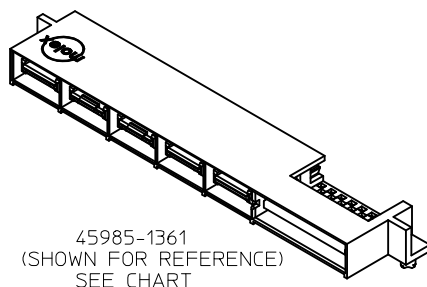


MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-1311	79.66	73.98	4.50	3.18
16	45985-1321	82.20	76.52		
20	45985-1331	84.74	79.06		
24	45985-1341	87.28	81.60		
28	45985-1351	89.82	84.14		
32	45985-1361	92.36	86.68		
36	45985-1371	94.90	89.22	3.90	2.36
40	45985-1381	97.44	91.76		
12	45985-1312	79.66	73.98		
16	45985-1322	82.20	76.52		
20	45985-1332	84.74	79.06		
24	45985-1342	87.28	81.60		
28	45985-1352	89.82	84.14		
32	45985-1362	92.36	86.68	2.90	1.57
36	45985-1372	94.90	89.22		
40	45985-1382	97.44	91.76		
12	45985-1313	79.66	73.98		
16	45985-1323	82.20	76.52		
20	45985-1333	84.74	79.06		
24	45985-1343	87.28	81.60		
28	45985-1353	89.82	84.14		
32	45985-1363	92.36	86.68		
36	45985-1373	94.90	89.22		
40	45985-1383	97.44	91.76		

NOTE:

1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.

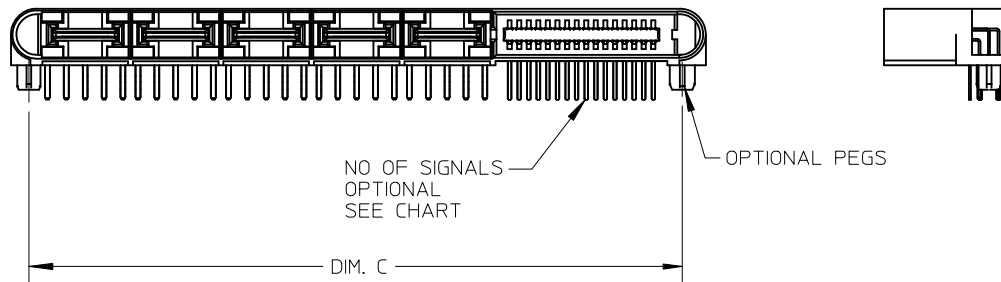
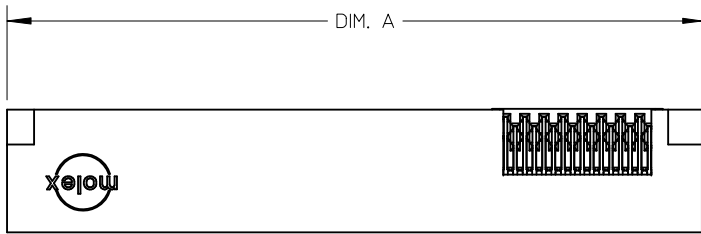


SEE SHEET 1	DESCRIPTION
EC NO: UCP2012-0902	2010/07/15
DRWN:MBANDURA	2011/10/17
CHKD:MIBARRA	2011/11/09
APPR:SMILLER	
REV	

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	2005/06/20
CHECKED BY	DATE
SAMIEC	2005/06/21
APPROVED BY	DATE
MARGULIS	2005/06/22
MATERIAL NO.	SEE CHART
SIZE	A

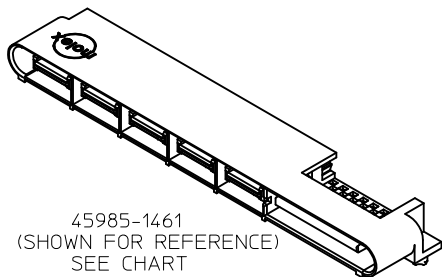
SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
TITLE LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR			
molex MOLEX INCORPORATED			
DOCUMENT NO. SD-45985-100			SHEET NO. 3 OF 5
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



GUIDE & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-1411	79.66	73.98	4.50	3.18
16	45985-1421	82.20	76.52		
20	45985-1431	84.74	79.06		
24	45985-1441	87.28	81.60		
28	45985-1451	89.82	84.14		
32	45985-1461	92.36	86.68		
36	45985-1471	94.90	89.22		
40	45985-1481	97.44	91.76		
12	45985-1412	79.66	73.98	3.90	2.36
16	45985-1422	82.20	76.52		
20	45985-1432	84.74	79.06		
24	45985-1442	87.28	81.60		
28	45985-1452	89.82	84.14		
32	45985-1462	92.36	86.68		
36	45985-1472	94.90	89.22		
40	45985-1482	97.44	91.76		
12	45985-1413	79.66	73.98	2.90	1.57
16	45985-1423	82.20	76.52		
20	45985-1433	84.74	79.06		
24	45985-1443	87.28	81.60		
28	45985-1453	89.82	84.14		
32	45985-1463	92.36	86.68		
36	45985-1473	94.90	89.22		
40	45985-1483	97.44	91.76		

NOTE:
1. SEE SHEET 1 FOR ALL OTHER DIMENSIONS.



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 SCHAFER	DATE 2005/06/20	TITLE LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR					
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/06/21						
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/06/22						
		2 PLACES	± 0.25	± ---	molex MOLEX INCORPORATED							
		1 PLACE	± ---	± ---								
		ANGULAR ±1/2°			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-45985-100			SHEET NO. 4 OF 5		
		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

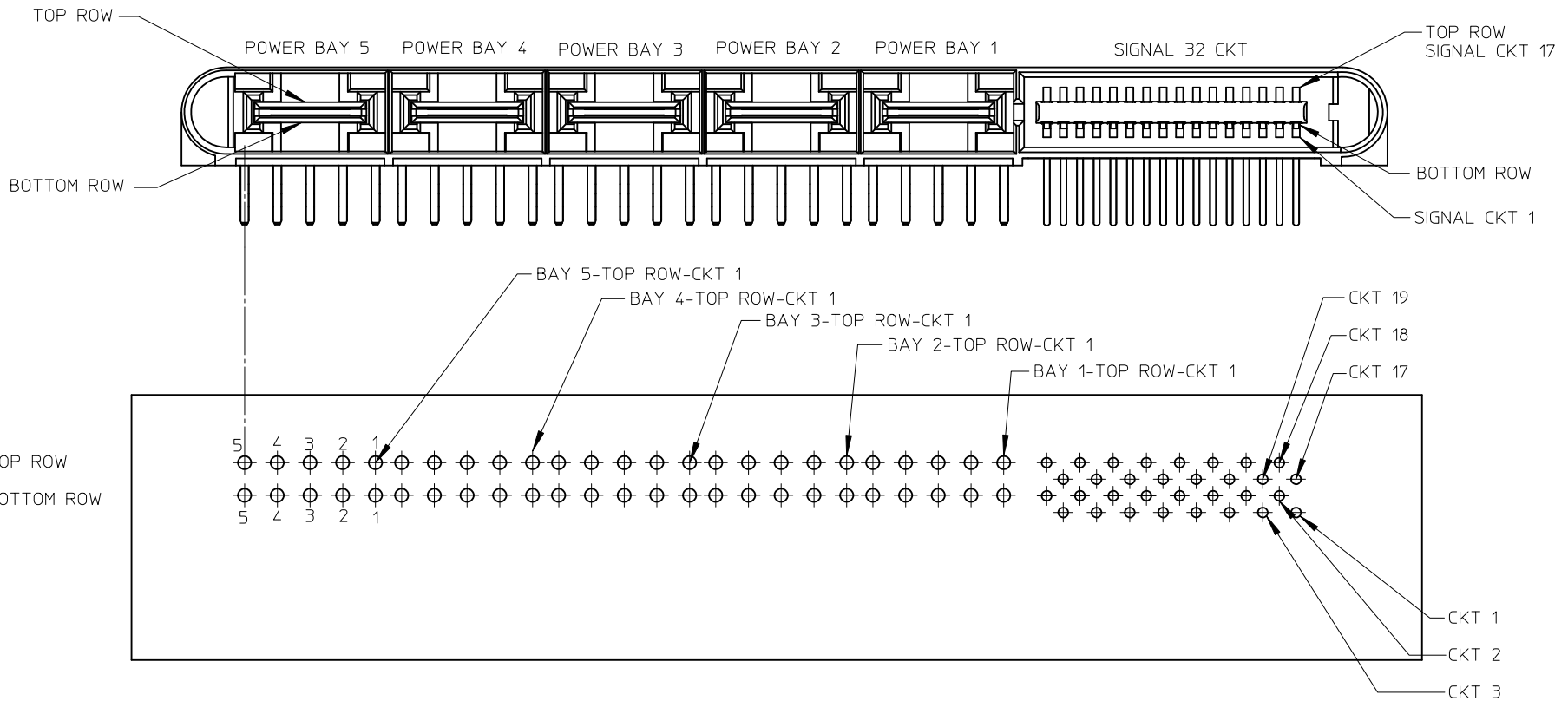
5

4

3

2

1



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	REV
D		

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	2005/06/20
CHECKED BY	DATE
SAMIEC	2005/06/21
APPROVED BY	DATE
MARGULIS	2005/06/22
MATERIAL NO.	
SEE CHART	
SIZE	
A	

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
TITLE LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-45985-100			SHEET NO. 5 OF 5
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			