



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!



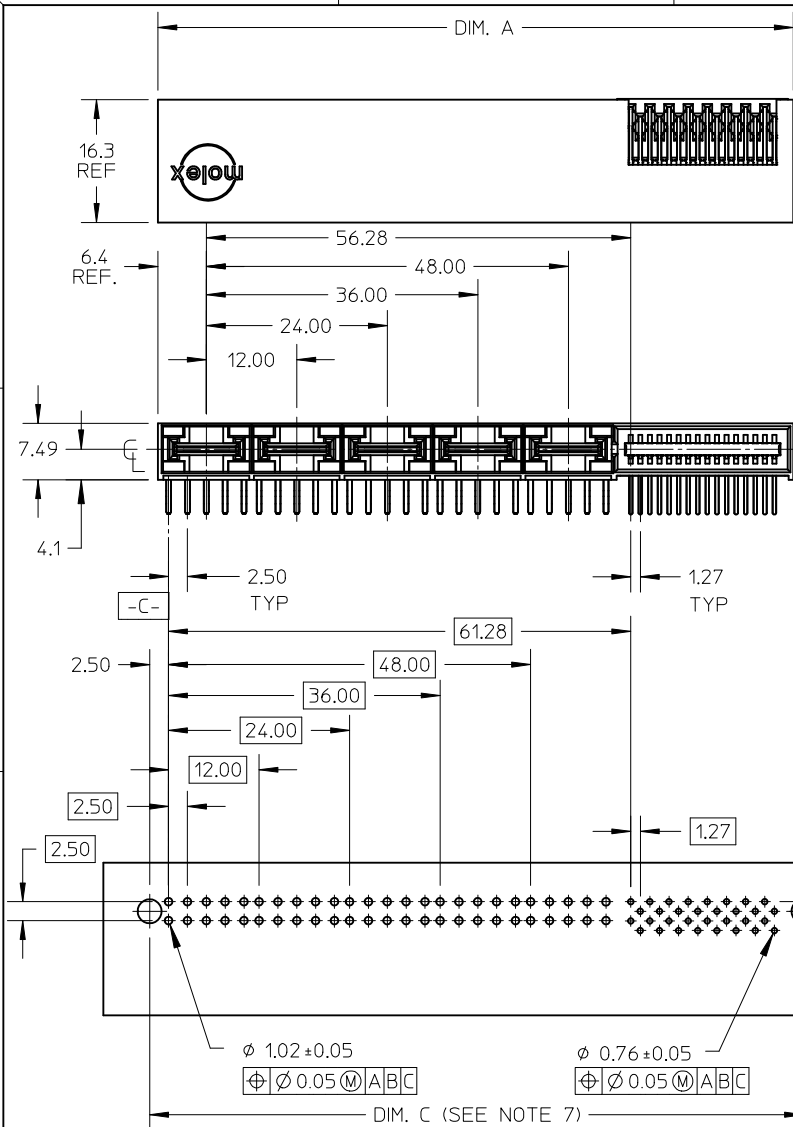
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

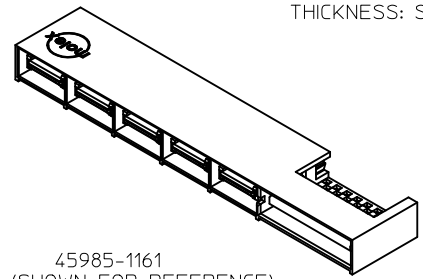




- NOTES:
- MATERIAL:
HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, COLOR: BLACK.
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
 - FINISH: SELECT GOLD 0.76 MICROMETER/30 MICROINCH MINIMUM.
SELECT TIN 3.81 MICROMETER/150 MICROINCH MINIMUM.
BOTH OVER NICKEL 1.27MICROMETER/50 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 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		
36	45985-1171	87.40		
40	45985-1181	89.94		
12	45985-1112	72.16	3.90	2.36
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		
36	45985-1172	87.40		
40	45985-1182	89.94		
12	45985-1113	72.16	2.90	1.57
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



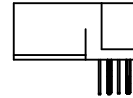
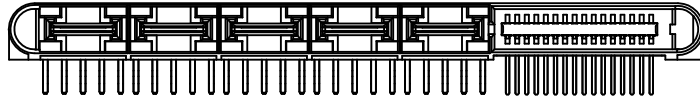
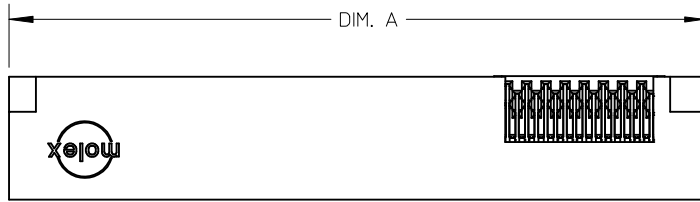
45985-1161
(SHOWN FOR REFERENCE)
SEE CHART

REV	DESCRIPTION
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 CHARTS	

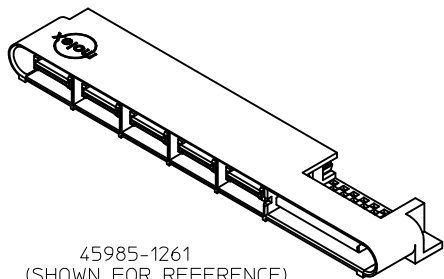
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	
TITLE		
LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR		
molex MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-45985-100	1 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN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



GUIDE OPTIONS

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

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



45985-1261
(SHOWN FOR REFERENCE)
SEE CHART

SEE SHEET 1	DESCRIPTION
EC NO: UCP2012-0902	
DRWN:MBANDURA 2010/07/15	
CHKD:MIBARRA 2011/10/17	
APPR:SMILLER 2011/11/09	
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	2005/06/20
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

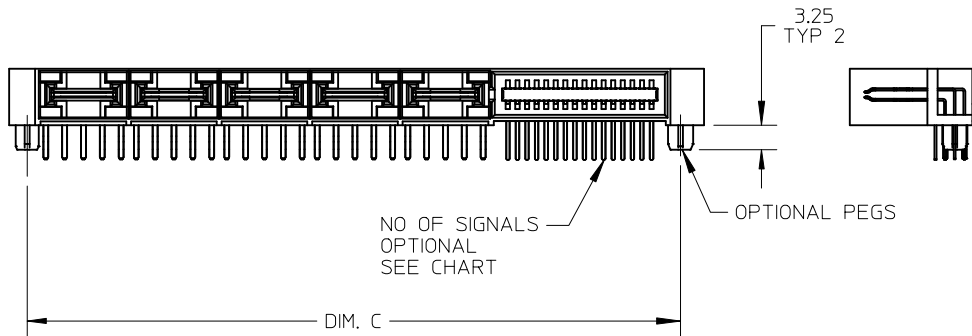
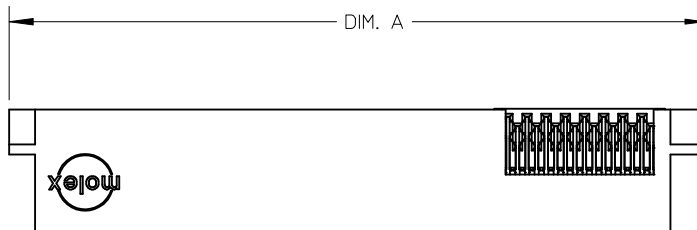
THIRD ANGLE
PROJECTION

TITLE
LPH PLUG ASSEMBLY
RT ANGLE 10 CIRCUIT
POWER CONNECTOR

MOLEX INCORPORATED

DOCUMENT NO. SD-45985-100 SHEET NO. 2 OF 5

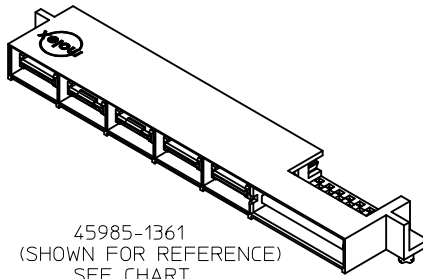
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



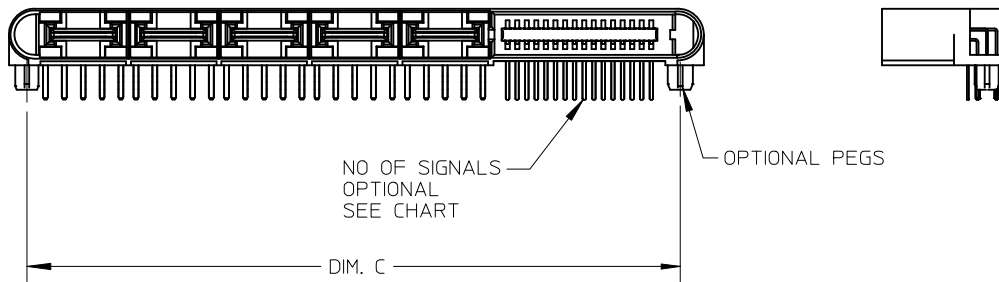
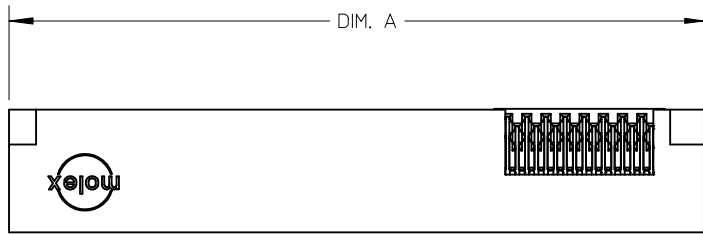
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-1311	79.66	73.98	4.50	3.18
16	45985-1321	82.20	76.52		
20	45985-1331	84.74	79.06		
24	45985-1341	87.28	81.60		
28	45985-1351	89.82	84.14		
32	45985-1361	92.36	86.68		
36	45985-1371	94.90	89.22	3.90	2.36
40	45985-1381	97.44	91.76		
12	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	2.90	1.57
32	45985-1362	92.36	86.68		
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	2.90	1.57
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	2.90	1.57
40	45985-1383	97.44	91.76		

MOUNTING PEG OPTIONS

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



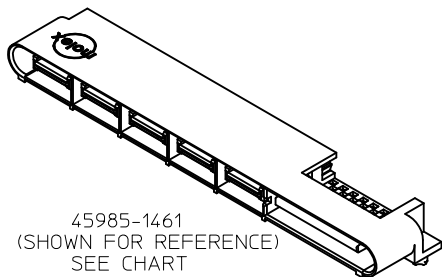
SEE SHEET 1 EC NO: UCP2012-0902 DRWN:MBANDURA 2010/07/15 CHKD:MI BARRA 2011/10/17 APPR:SMILLER 2011/11/09 REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SCHAFER	DATE 2005/06/20	TITLE LPH PLUG ASSEMBLY RT ANGLE 10 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/06/21				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/06/22	MOLEX INCORPORATED			
		2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART					
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				SIZE A						



GUIDE & MOUNTING PEG OPTIONS

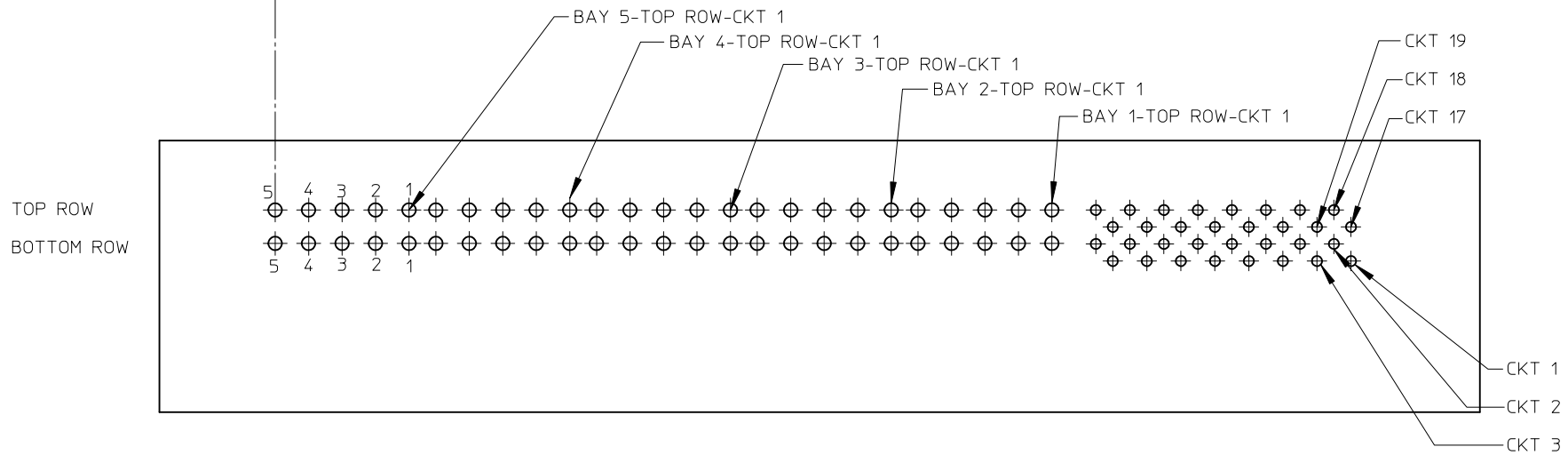
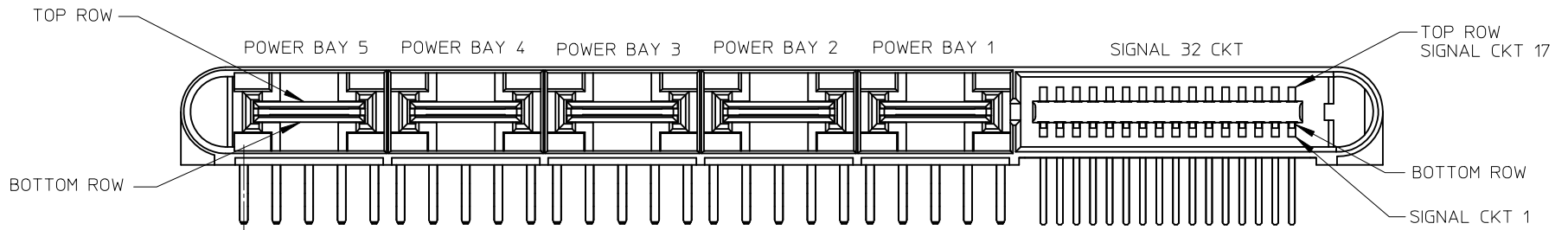
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-1411	79.66	73.98	4.50	3.18
16	45985-1421	82.20	76.52		
20	45985-1431	84.74	79.06		
24	45985-1441	87.28	81.60		
28	45985-1451	89.82	84.14		
32	45985-1461	92.36	86.68		
36	45985-1471	94.90	89.22	3.90	2.36
40	45985-1481	97.44	91.76		
12	45985-1412	79.66	73.98		
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		
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.



45985-1461
(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	MOLEX INCORPORATED			
	3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/06/22				
	2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART		SHEET NO. 4 OF 5			
	1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
		ANGULAR ±1/2°		SIZE A					



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	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	MOLEX INCORPORATED DOCUMENT NO. SD-45985-100 SHEET NO. 5 OF 5			
		2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART					
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