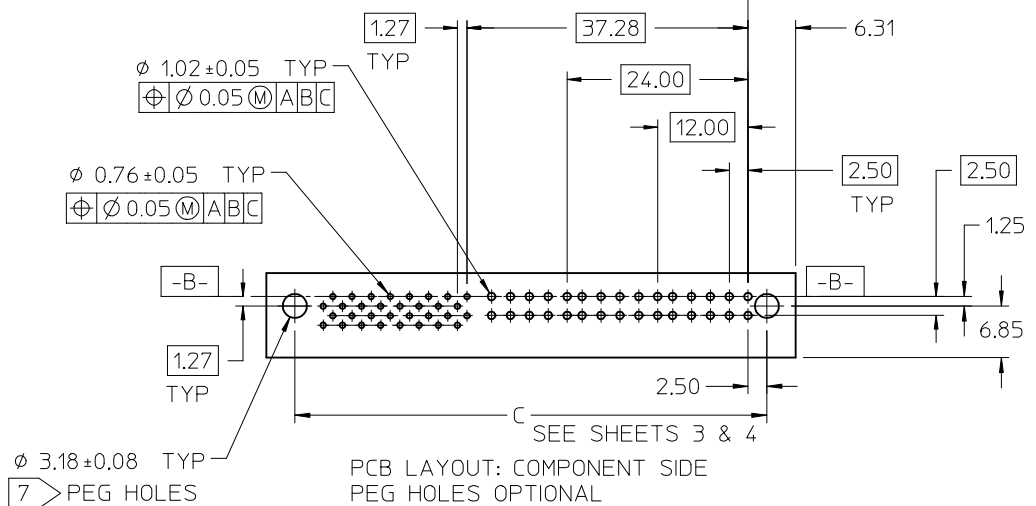
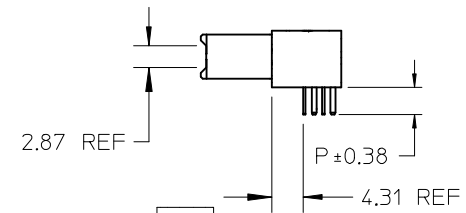
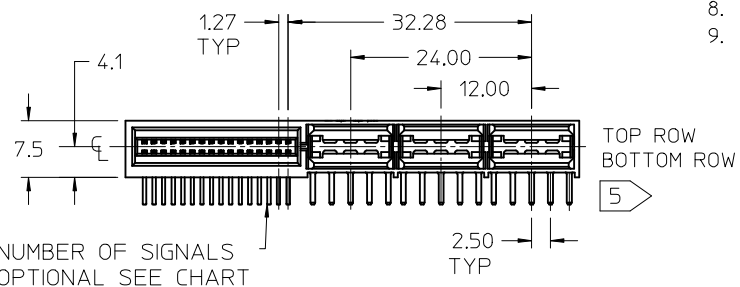


- NOTES:
1. MATERIAL HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, COLOR-BLACK.
CONTACT: COPPER ALLOY.
 2. FINISH: SELECT GOLD - 0.76 MICROMETER/30 MICROINCH MINIMUM;
SELECT TIN - 3.81 MICROMETER/150 MICROINCH MINIMUM;
BOTH OVER NICKEL - 1.27 MICROMETER/50 MICROINCH MINIMUM.
 3. POWER TERMINALS LUBRICATED IN CONTACT AREA.
 4. PRODUCT SPECIFICATION: PS-45984-001.
 5. PACKAGING: TRAY PER PK-45984-001.
 6. SEE SHEET 5 FOR CKT IDENTIFICATION.
 7. PARTS ARE RoHS COMPLIANT.
 8. PEG HOLES ARE OPTIONAL - SEE SHEETS 3 & 4.
 9. MATES TO 1.577.062 CARD EDGE OR MOLEX P/N 45985-6***.

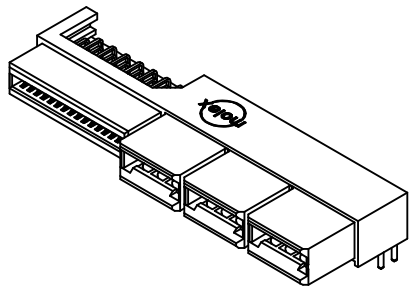
NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-6111	47.5	4.50	3.18
16	45984-6121	50.0		
20	45984-6131	52.6		
24	45984-6141	55.1		
28	45984-6151	57.6		
32	45984-6161	60.2		
36	45984-6171	62.7	3.60	2.36
40	45984-6181	65.3		
12	45984-6112	47.5		
16	45984-6122	50.0		
20	45984-6132	52.6		
24	45984-6142	55.1		
28	45984-6152	57.6	2.90	1.57
32	45984-6162	60.2		
36	45984-6172	62.7		
40	45984-6182	65.3		
12	45984-6113	47.5		
16	45984-6123	50.0		
20	45984-6133	52.6		
24	45984-6143	55.1		
28	45984-6153	57.6		
32	45984-6163	60.2		
36	45984-6173	62.7		
40	45984-6183	65.3		



NUMBER OF SIGNALS
OPTIONAL SEE CHART

PCB LAYOUT: COMPONENT SIDE
PEG HOLES OPTIONAL

7 PEG HOLES

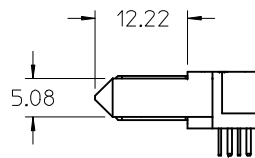
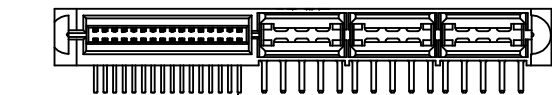
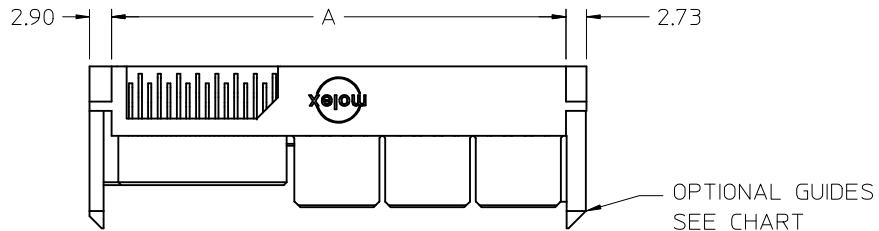


ADD CARD EDGE TOL.	QUALITY SYMBOLS
EC NO: UCP2014-4975	▽E=0
DRWN:MBANDURA 2014/05/28	▽E=0
CHKD: APPR:APATEL	▽E=0
REV	

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	

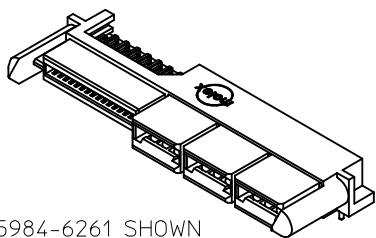
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
SAMIEC	2005/05/13
CHECKED BY	DATE
SAMIEC	2005/05/13
APPROVED BY	DATE
MARGULIS	2005/05/13
MATERIAL NO.	
SEE CHART	
SIZE	
A	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
1:1	METRIC		
TITLE			
LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR			
molex MOLEX INCORPORATED			
DOCUMENT NO.		SHEET NO.	
SD-45984-600		1 OF 5	



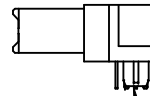
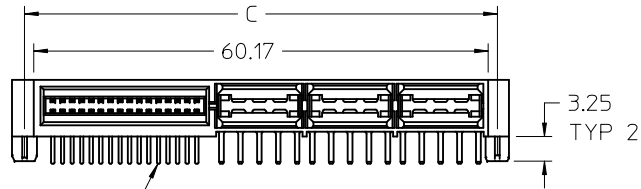
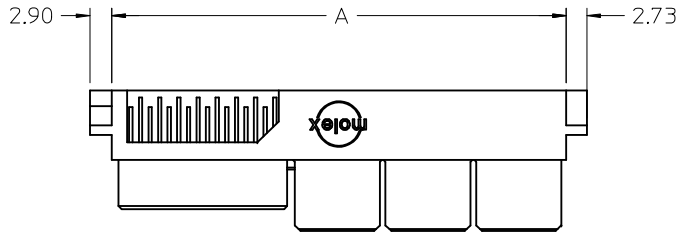
GUIDE POST OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-6211	47.5	4.50	3.18
16	45984-6221	50.0		
20	45984-6231	52.6		
24	45984-6241	55.1		
28	45984-6251	57.6		
32	45984-6261	60.2	3.60	2.36
36	45984-6271	62.7		
40	45984-6281	65.3		
12	45984-6212	47.5		
16	45984-6222	50.0		
20	45984-6232	52.6	2.90	1.57
24	45984-6242	55.1		
28	45984-6252	57.6		
32	45984-6262	60.2		
36	45984-6272	62.7		
40	45984-6282	65.3		
12	45984-6213	47.5	2.90	1.57
16	45984-6223	50.0		
20	45984-6233	52.6		
24	45984-6243	55.1		
28	45984-6253	57.6		
32	45984-6263	60.2	2.90	1.57
36	45984-6273	62.7		
40	45984-6283	65.3		



45984-6261 SHOWN
FOR REF ONLY
SEE CHART

SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS		DATE 2005/05/13	MOLEX INCORPORATED DOCUMENT NO. SD-45984-600 SHEET NO. 2 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										

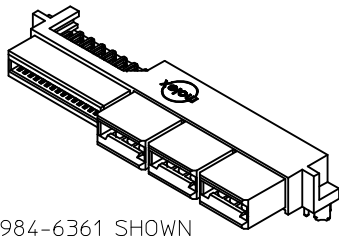


NO OF SIGNALS
OPTIONAL
SEE CHART

OPTIONAL PEGS

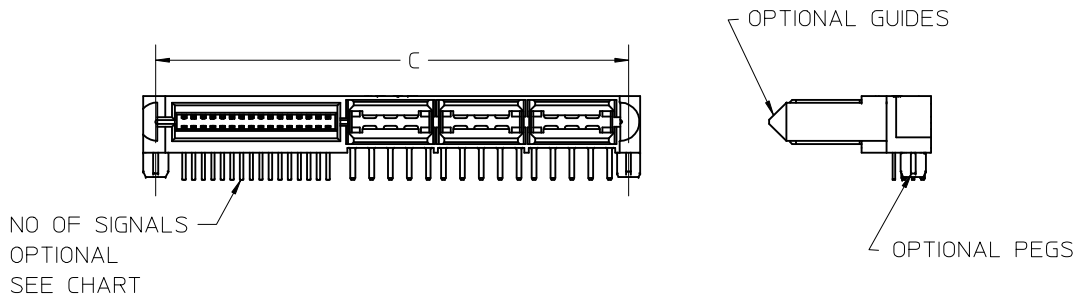
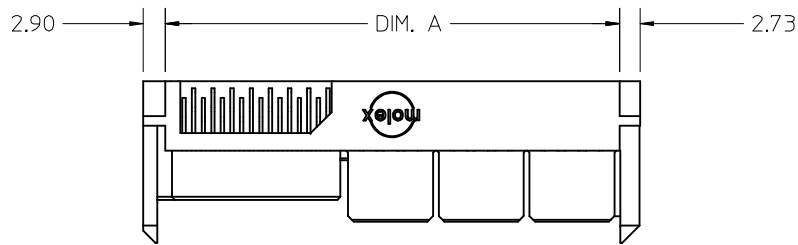
MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-6311	47.5	49.90	4.50	3.18
16	45984-6321	50.0	52.44		
20	45984-6331	52.6	54.98		
24	45984-6341	55.1	57.52		
28	45984-6351	57.6	60.06		
32	45984-6361	60.2	62.60		
36	45984-6371	62.7	65.14	3.60	2.36
40	45984-6381	65.3	67.68		
12	45984-6312	47.5	49.90		
16	45984-6322	50.0	52.44		
20	45984-6332	52.6	54.98		
24	45984-6342	55.1	57.52		
28	45984-6352	57.6	60.06	2.90	1.57
32	45984-6362	60.2	62.60		
36	45984-6372	62.7	65.14		
40	45984-6382	65.3	67.68		
12	45984-6313	47.5	49.90		
16	45984-6323	50.0	52.44		
20	45984-6333	52.6	54.98	2.90	1.57
24	45984-6343	55.1	57.52		
28	45984-6353	57.6	60.06		
32	45984-6363	60.2	62.60		
36	45984-6373	62.7	65.14	2.90	1.57
40	45984-6383	65.3	67.68		



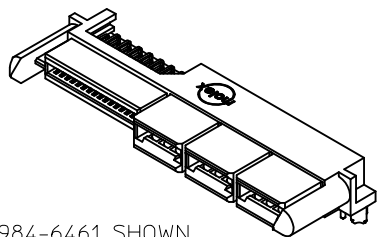
45984-6361 SHOWN
FOR REF ONLY
SEE CHART

SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06	REV DESCRIPTION G QUALITY SYMBOLS $\nabla \text{E} = 0$ $\nabla \text{E} = 0$ $\nabla \text{E} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR			
		4 PLACES	\pm ---	\pm ---	CHECKED BY SAMIEC	DATE 2005/05/13				
		3 PLACES	\pm ---	\pm ---	APPROVED BY MARGULIS		DATE 2005/05/13	MOLEX INCORPORATED DOCUMENT NO. SD-45984-600 SHEET NO. 3 OF 5		
2 PLACES	\pm 0.25	\pm ---	MATERIAL NO.		SEE CHART					
1 PLACE	\pm ---	\pm ---	ANGULAR $\pm 1/2^\circ$		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										



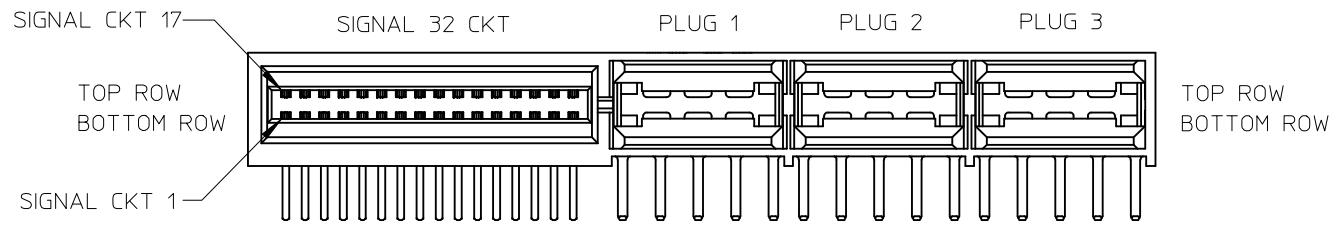
GUIDE POST & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-6411	47.5	49.90	4.50	3.18
16	45984-6421	50.0	52.44		
20	45984-6431	52.6	54.98		
24	45984-6441	55.1	57.52		
28	45984-6451	57.6	60.06		
32	45984-6461	60.2	62.60		
36	45984-6471	62.7	65.14	3.60	2.36
40	45984-6481	65.3	67.68		
12	45984-6412	47.5	49.90		
16	45984-6422	50.0	52.44		
20	45984-6432	52.6	54.98		
24	45984-6442	55.1	57.52		
28	45984-6452	57.6	60.06	2.90	1.57
32	45984-6462	60.2	62.60		
36	45984-6472	62.7	65.14		
40	45984-6482	65.3	67.68		
12	45984-6413	47.5	49.90		
16	45984-6423	50.0	52.44		
20	45984-6433	52.6	54.98		
24	45984-6443	55.1	57.52		
28	45984-6453	57.6	60.06		
32	45984-6463	60.2	62.60		
36	45984-6473	62.7	65.14		
40	45984-6483	65.3	67.68		

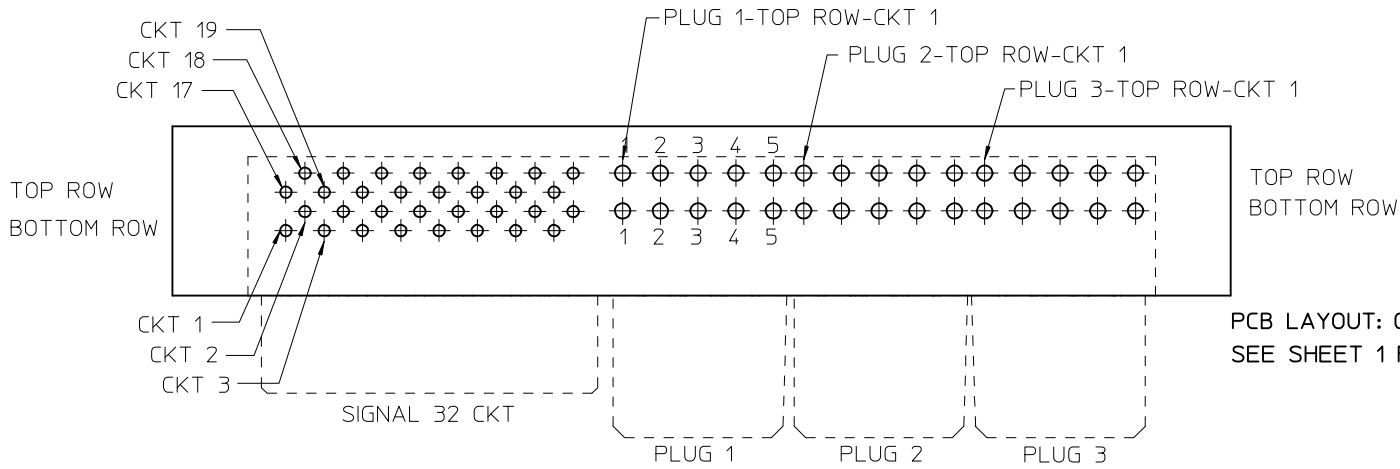
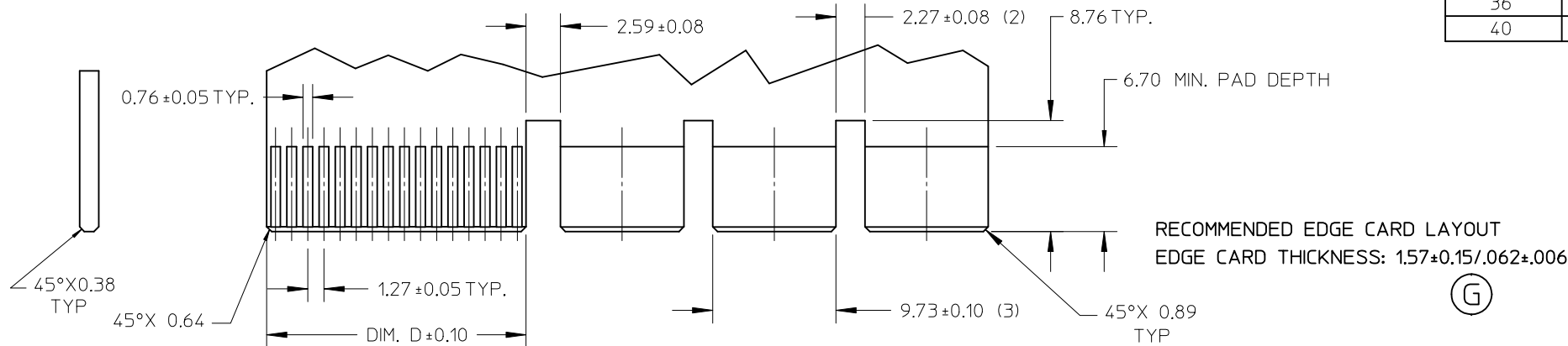


45984-6461 SHOWN FOR REF ONLY SEE CHART

SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽ F = 0	4 PLACES	mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR		
	▽ E = 0	3 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13			
	▽ P = 0	2 PLACES	± 0.25	± ---	APPROVED BY MARGULIS	DATE 2005/05/13	MOLEX INCORPORATED		
	1 PLACE	± ---	± ---	MATERIAL NO.	SEE CHART	DOCUMENT NO. SD-45984-600			
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							



NO. OF SIGNAL	DIM. D
12	8.00
16	10.54
20	13.08
24	15.62
28	18.16
32	20.70
36	23.24
40	25.78



PCB LAYOUT: COMPONENT SIDE
SEE SHEET 1 FOR DIMENSIONS

SEE SHEET 1 EC NO: UCP2014-4975 DRWN: MBANDURA 2014/05/28 CHKD: APPR: APATEL 2014/06/06	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/05/13	MOLEX INCORPORATED DOCUMENT NO. SD-45984-600			
2 PLACES	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		SHEET NO. 5 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					