



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

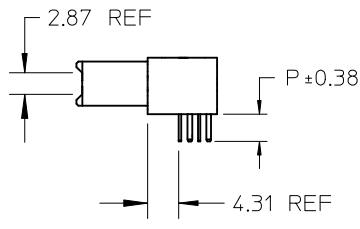
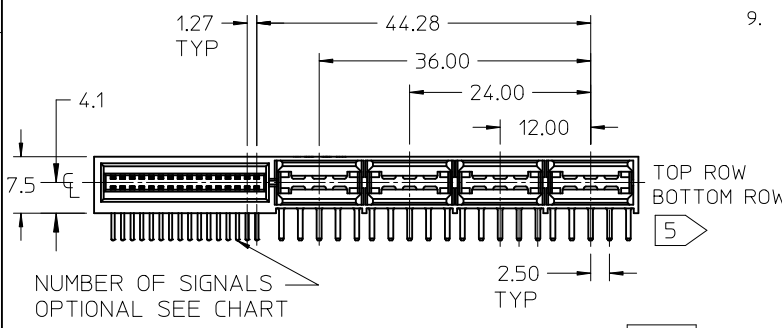
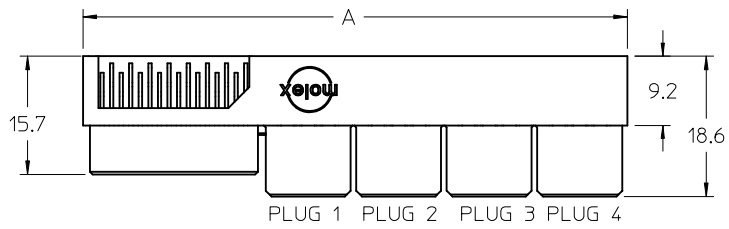
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



NOTES:

1. MATERIAL HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, COLOR-BLACK, 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 SHEET 3 AND 4.
9. MATES TO 1577.062 CARD EDGE OR MOLEX P/N 45985-8\*\*\*.

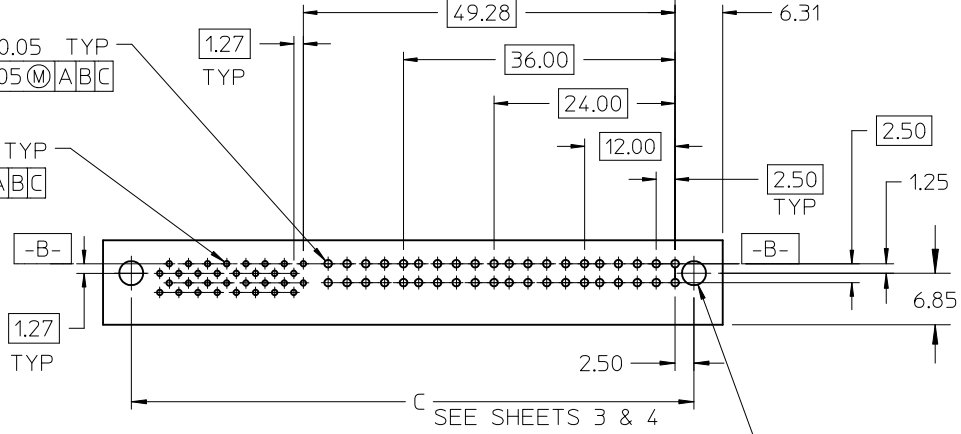
NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-8111	59.5	4.50	3.18
16	45984-8121	62.0		
20	45984-8131	64.6		
24	45984-8141	67.1		
28	45984-8151	69.6		
32	45984-8161	72.2		
36	45984-8171	74.7	3.60	2.36
40	45984-8181	77.3		
12	45984-8112	59.5		
16	45984-8122	62.0		
20	45984-8132	64.6		
24	45984-8142	67.1		
28	45984-8152	69.6		
32	45984-8162	72.2		
36	45984-8172	74.7	2.90	1.57
40	45984-8182	77.3		
12	45984-8113	59.5		
16	45984-8123	62.0		
20	45984-8133	64.6		
24	45984-8143	67.1		
28	45984-8153	69.6		
32	45984-8163	72.2		
36	45984-8173	74.7	1.57	1.57
40	45984-8183	77.3		



NUMBER OF SIGNALS  
OPTIONAL SEE CHART

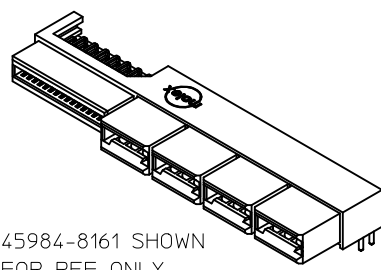
Ø 1.02±0.05 TYP  
⊕ Ø 0.05 (M) A|B|C

Ø 0.76±0.05 TYP  
⊕ Ø 0.05 (M) A|B|C



PCB LAYOUT: COMPONENT SIDE  
PEG HOLES OPTIONAL

Ø 3.18±0.08 TYP  
PEG HOLES 7



45984-8161 SHOWN  
FOR REF ONLY  
SEE CHART

REV	DESCRIPTION
5	MODIFY HSG NOTE EC NO: UCP2012-0902 DRWN:DMORGAN 2011/09/28 CHKD:MBARRA 2011/09/28 APPR:SMILLER 2011/11/09

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	
▽ = 0	▽ = 0	mm	INCH
▽ = 0	▽ = 0	4 PLACES ± ---	± ---
▽ = 0	▽ = 0	3 PLACES ± ---	± ---
▽ = 0	▽ = 0	2 PLACES ± 0.25	± ---
▽ = 0	▽ = 0	1 PLACE ± ---	± ---
		ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		1:1	METRIC	⊕
DRAWN BY	DATE	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR		
SAMIEC	2005/05/13			
CHECKED BY	DATE			
SAMIEC	2005/05/13	MOLEX INCORPORATED		
APPROVED BY	DATE			
MARGULIS	2005/05/13	DOCUMENT NO.	SHEET NO.	
MATERIAL NO.		SD-45984-800	1 OF 5	
SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

6

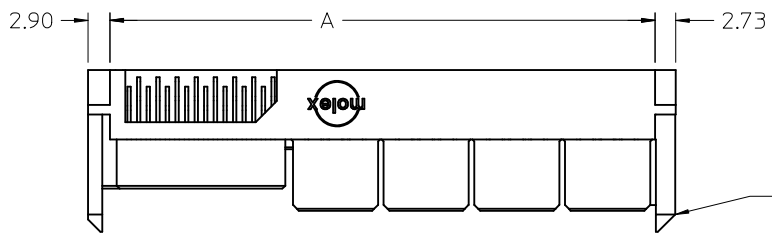
5

4

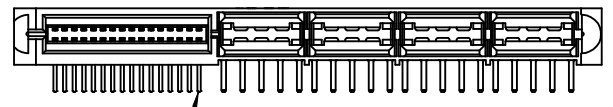
3

2

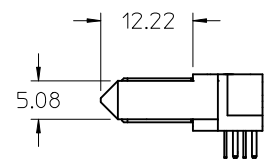
1



OPTIONAL GUIDES  
SEE CHART

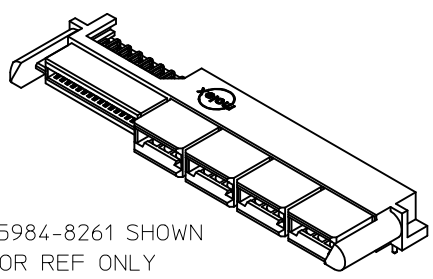


NO OF SIGNALS  
OPTIONAL  
SEE CHART



GUIDE POST OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-8211	59.5	4.50	3.18
16	45984-8221	62.0		
20	45984-8231	64.6		
24	45984-8241	67.1		
28	45984-8251	69.6		
32	45984-8261	72.2	3.60	2.36
36	45984-8271	74.7		
40	45984-8281	77.3		
12	45984-8212	59.5		
16	45984-8222	62.0		
20	45984-8232	64.6	2.90	1.57
24	45984-8242	67.1		
28	45984-8252	69.6		
32	45984-8262	72.2		
36	45984-8272	74.7		
40	45984-8282	77.3	2.90	1.57
12	45984-8213	59.5		
16	45984-8223	62.0		
20	45984-8233	64.6		
24	45984-8243	67.1	2.90	1.57
28	45984-8253	69.6		
32	45984-8263	72.2		
36	45984-8273	74.7		
40	45984-8283	77.3		



45984-8261 SHOWN  
FOR REF ONLY  
SEE CHART

SEE SHEET 1 EC NO: UCP2012-0902 DRWN:DMORGAN 2011/09/28 CH'KD:MIBARRA 2011/09/28 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		
					DRAWN BY SAMIEC	DATE 2005/05/13	TITLE <b>LPH RECEPTACLE ASSEMBLY          RT ANGLE 8 CIRCUIT          POWER CONNECTOR</b>			
					CHECKED BY SAMIEC	DATE 2005/05/13				
					APPROVED BY MARGULIS	DATE 2005/05/13	<b>MOLEX INCORPORATED</b>			
				MATERIAL NO. <b>SEE CHART</b>		DOCUMENT NO. <b>SD-45984-800</b>				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE <b>A</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

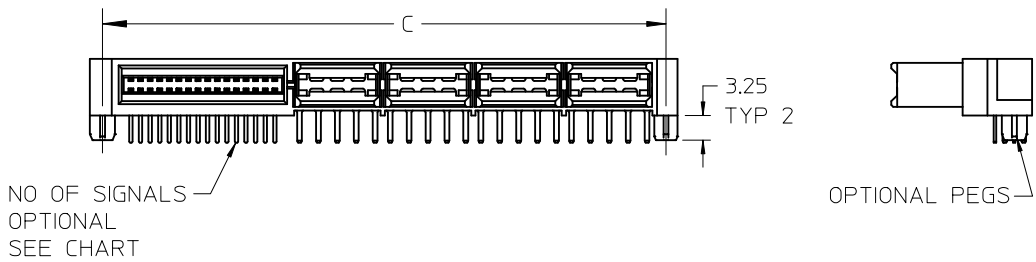
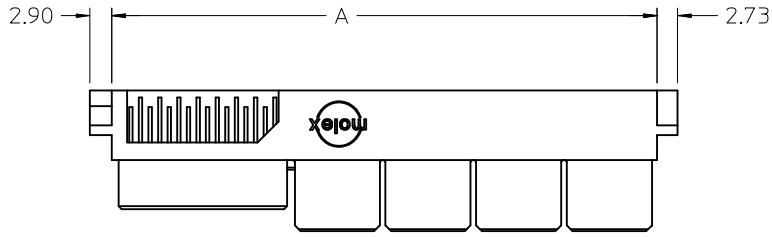
5

4

3

2

1

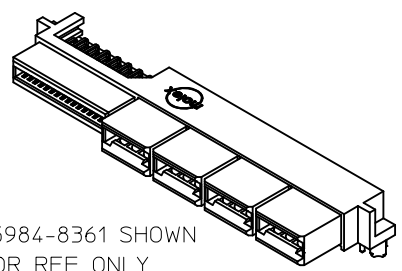


NO OF SIGNALS  
OPTIONAL  
SEE CHART

OPTIONAL PEGS

MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-8311	59.5	61.90	4.50	3.18
16	45984-8321	62.0	64.44		
20	45984-8331	64.6	66.98		
24	45984-8341	67.1	69.52		
28	45984-8351	69.6	72.06		
32	45984-8361	72.2	74.60		
36	45984-8371	74.7	77.14	3.60	2.36
40	45984-8381	77.3	79.68		
12	45984-8312	59.5	61.90		
16	45984-8322	62.0	64.44		
20	45984-8332	64.6	66.98		
24	45984-8342	67.1	69.52		
28	45984-8352	69.6	72.06	2.90	1.57
32	45984-8362	72.2	74.60		
36	45984-8372	74.7	77.14		
40	45984-8382	77.3	79.68		
12	45984-8313	59.5	61.90		
16	45984-8323	62.0	64.44		
20	45984-8333	64.6	66.98	2.90	1.57
24	45984-8343	67.1	69.52		
28	45984-8353	69.6	72.06		
32	45984-8363	72.2	74.60		
36	45984-8373	74.7	77.14		
40	45984-8383	77.3	79.68		

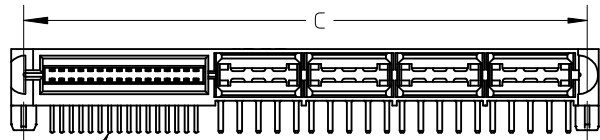
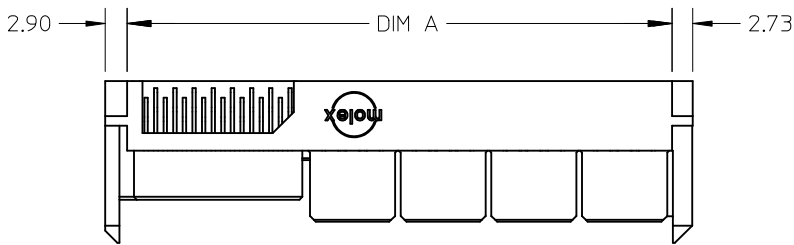


45984-8361 SHOWN  
FOR REF ONLY  
SEE CHART

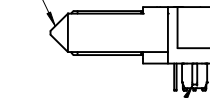
SEE SHEET 1 EC NO: UCP2012-0902 DRWN:DMORGAN 2011/09/28 CH'KD:MIBARRA 2011/09/28 APPR:SMILLER 2011/11/09	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
				DRAWN BY SAMIEC	DATE 2005/05/13	TITLE <b>LPH RECEPTACLE ASSEMBLY          RT ANGLE 8 CIRCUIT          POWER CONNECTOR</b>			
				CHECKED BY SAMIEC	DATE 2005/05/13				
				APPROVED BY MARGULIS	DATE 2005/05/13	<b>MOLEX INCORPORATED</b>			
			MATERIAL NO. <b>SEE CHART</b>		DOCUMENT NO. <b>SD-45984-800</b>				

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



OPTIONAL GUIDES

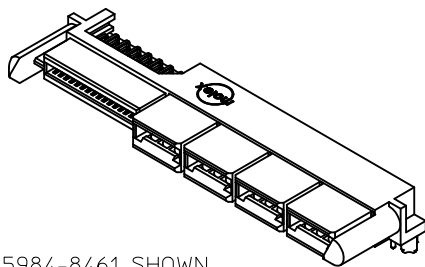


OPTIONAL PEGS

NO OF SIGNALS  
OPTIONAL  
SEE CHART

GUIDE POST & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-8411	59.5	61.90	4.50	3.18
16	45984-8421	62.0	64.44		
20	45984-8431	64.6	66.98		
24	45984-8441	67.1	69.52		
28	45984-8451	69.6	72.06		
32	45984-8461	72.2	74.60		
36	45984-8471	74.7	77.14	3.60	2.36
40	45984-8481	77.3	79.68		
12	45984-8412	59.5	61.90		
16	45984-8422	62.0	64.44		
20	45984-8432	64.6	66.98		
24	45984-8442	67.1	69.52		
28	45984-8452	69.6	72.06		
32	45984-8462	72.2	74.60		
36	45984-8472	74.7	77.14	2.90	1.57
40	45984-8482	77.3	79.68		
12	45984-8413	59.5	61.90		
16	45984-8423	62.0	64.44		
20	45984-8433	64.6	66.98		
24	45984-8443	67.1	69.52		
28	45984-8453	69.6	72.06		
32	45984-8463	72.2	74.60		
36	45984-8473	74.7	77.14		
40	45984-8483	77.3	79.68		



45984-8461 SHOWN  
FOR REF ONLY  
SEE CHART

SEE SHEET 1 EC NO: UCP2012-0902 DRWN:DMORGAN 2011/09/28 CHKD:MI BARRA 2011/09/28 APPR:SMILLER 2011/11/09	QUALITY SYMBOLS $\nabla \text{F} = 0$ $\nabla \text{E} = 0$ $\nabla \text{P} = 0$	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 RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR</b>			
	4 PLACES	$\pm$ ---	$\pm$ ---	SAMIEC	2005/05/13				
	3 PLACES	$\pm$ ---	$\pm$ ---	CHECKED BY	DATE	<b>MOLEX INCORPORATED</b>			
2 PLACES	$\pm 0.25$	$\pm$ ---	SAMIEC	2005/05/13					
1 PLACE	$\pm$ ---	$\pm$ ---	APPROVED BY	DATE	MATERIAL NO. <b>SEE CHART</b>		DOCUMENT NO. <b>SD-45984-800</b>		SHEET NO. <b>4 OF 5</b>
	ANGULAR $\pm 1/2^\circ$		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				

6

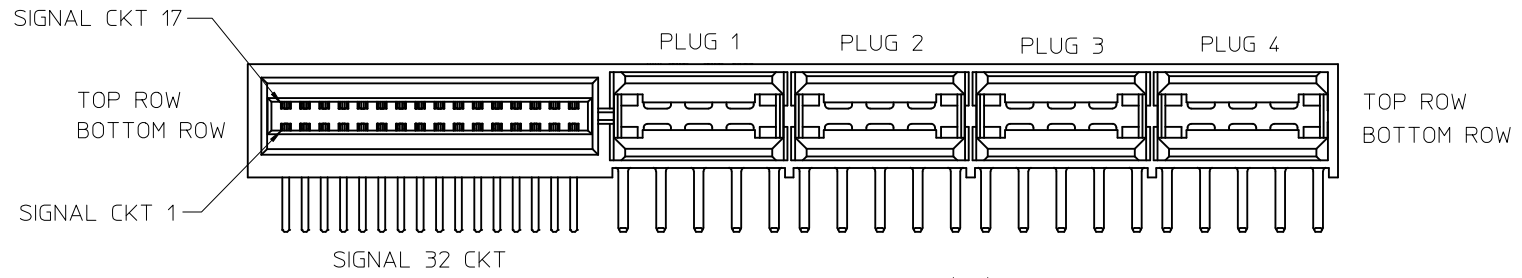
5

4

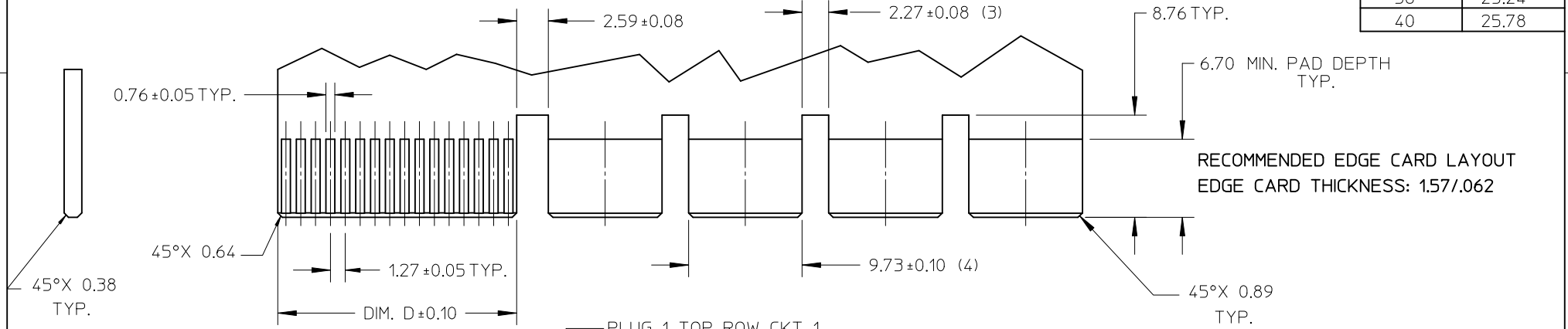
3

2

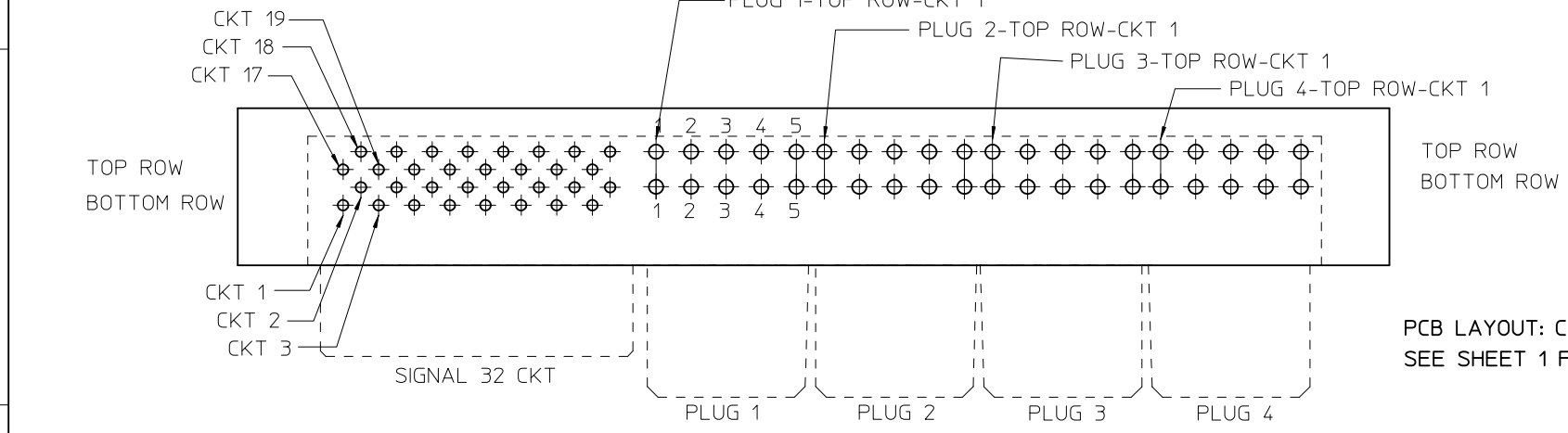
1



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



RECOMMENDED EDGE CARD LAYOUT  
EDGE CARD THICKNESS: 1.57/0.62



PCB LAYOUT: COMPONENT SIDE  
SEE SHEET 1 FOR DIMENSIONS

SEE SHEET 1	EC NO: UCP2012-0902	2011/09/28
	DRWN:DMORGAN	2011/09/28
	CHKD:MIBARRA	2011/09/28
	APPR:SMILLER	2011/11/09
REV	DESCRIPTION	

QUALITY SYMBOLS	▽=0
	▽=0
	▽=0

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 CHARTS	
SIZE	
A	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
2:1	METRIC		
TITLE			
LPH RECEPTACLE ASSEMBLY RT ANGLE 8 CIRCUIT POWER CONNECTOR			
MOLEX		MOLEX INCORPORATED	
DOCUMENT NO.			SHEET NO.
SD-45984-800			5 OF 5

5

4

3

2

1