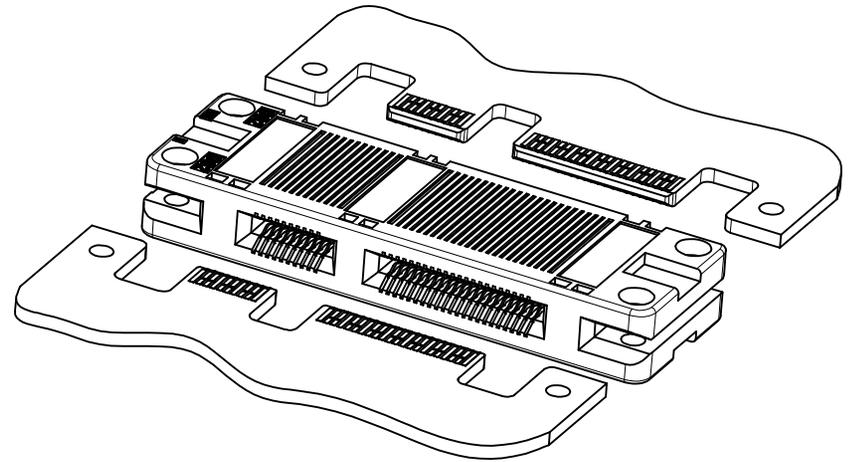
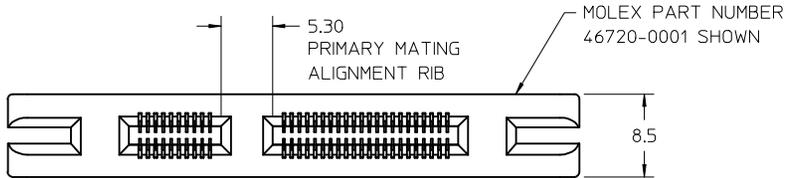
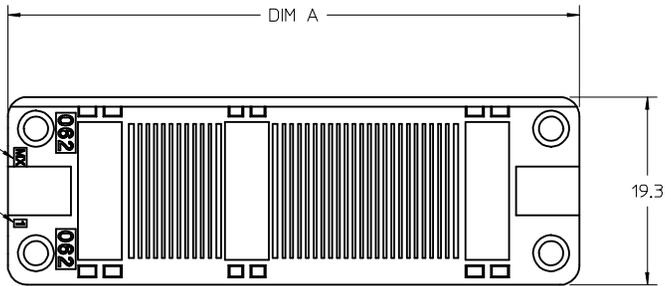
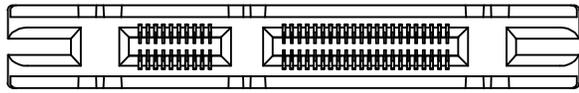
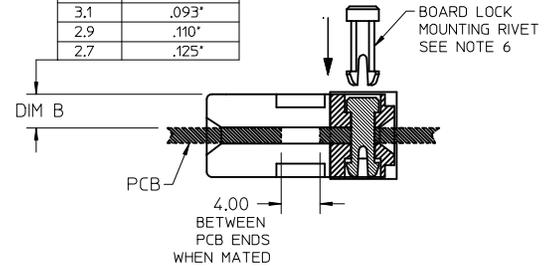


10 9 8 7 6 5 4 3 2 1



DIM B	PCB THK (in)
3.5	.062"
3.1	.093"
2.9	.110"
2.7	.125"



NOTES:

- MATERIAL:  
HOUSING: LCP, UL94V-0, BLACK  
TERMINAL: BRASS
- FINISH: SELECT GOLD: 0.76µm MIN, OVERALL NICKEL: 3.80 µm MIN
- ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED.
- PRODUCT SPECIFICATION: PS-46720-001
- PACKAGING SPECIFICATION: PK-46720-001
- SPLIT PAD LAYOUT SHOWN FOR REFERENCE ONLY. CUSTOMER CAN DESIGNATE GROUND AND SIGNAL PAD LAYOUT BASED ON INTERNAL REQUIREMENTS. CUSTOMER SHOULD SEE MOLEX DOCUMENT # AS-46720-002 FOR RECOMMENDATIONS.
- OPTIONAL BOARD LOCK MOUNTING RIVET AVAILABLE. MOLEX PART NUMBER 46720-7710. MOLEX RIVET REMOVAL TOOL NUMBER 638123502. SEE SD-46720-7710 FOR RIVET SALES DRAWING.

REPLACED SD-46720-001  
 EIC NO: UCP2013-1394  
 DRAWN: T GREGORI 2012/10/24  
 CHKD: JCOMERCI  
 APPR: JCOMERCI 2012/10/30  
 REV DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0
▽=0
▽=1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .005	± .0004
3 PLACES ± .003	± .0002
2 PLACES ± .002	± .0001
1 PLACE ± .001	± .00005
ANGULAR ± 1/2°	

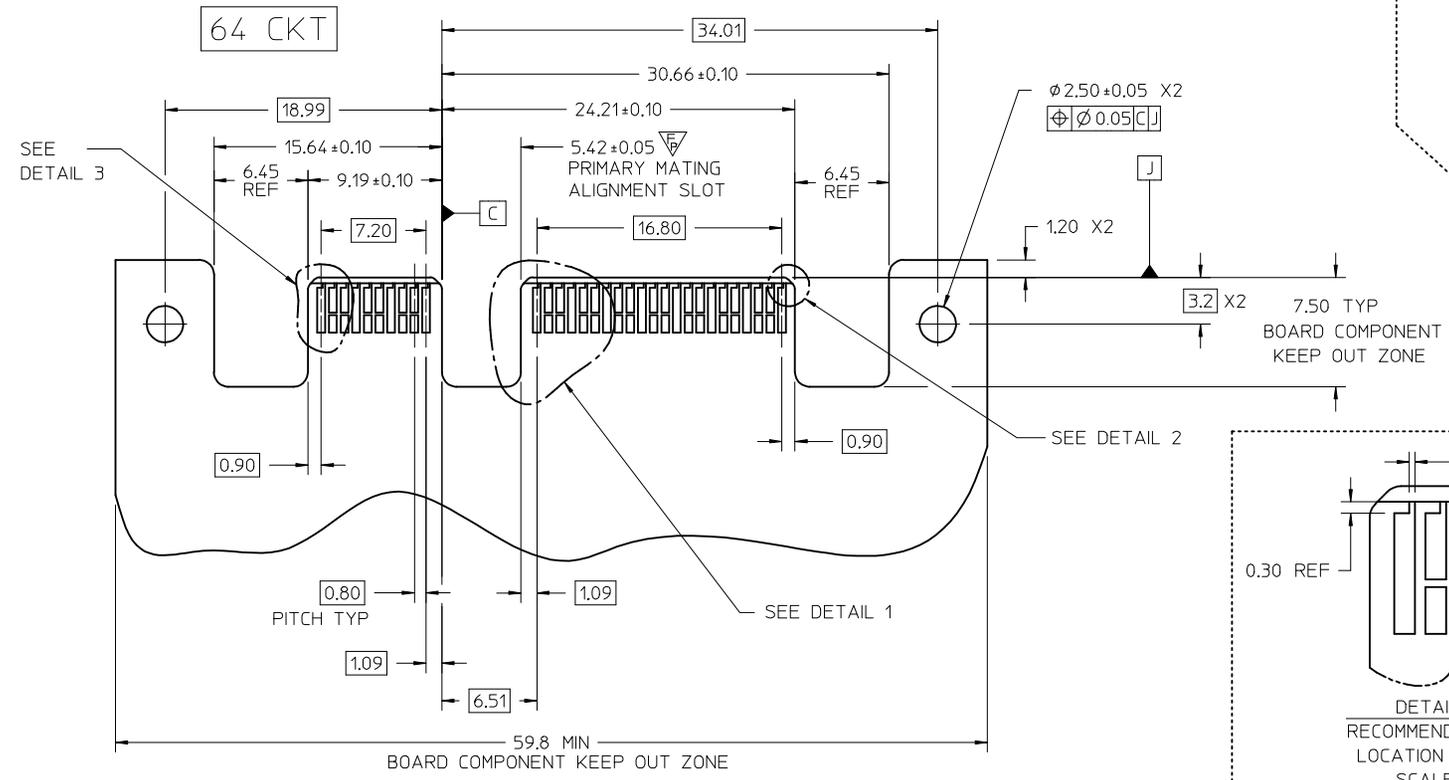
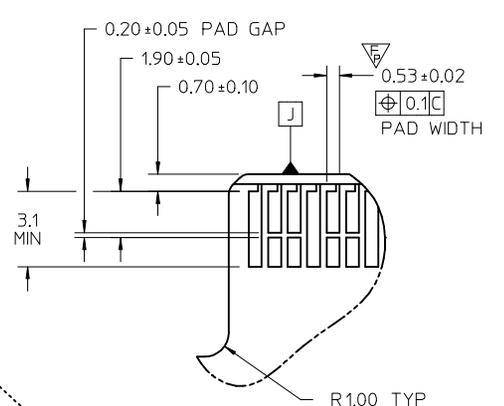
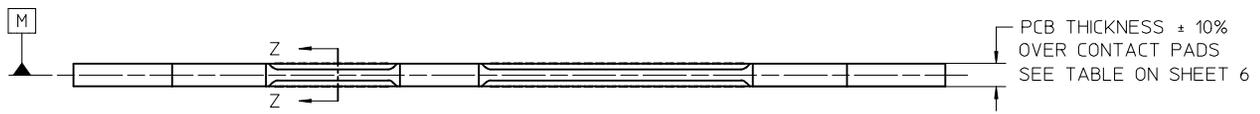
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
T GREGORI	2010/03/24
CHECKED BY	DATE
JCOMERCI	2010/04/12
APPROVED BY	DATE
JCOMERCI	2010/04/12
MATERIAL NO.	SEE SHEET 7
SIZE	B

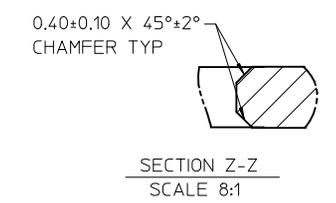
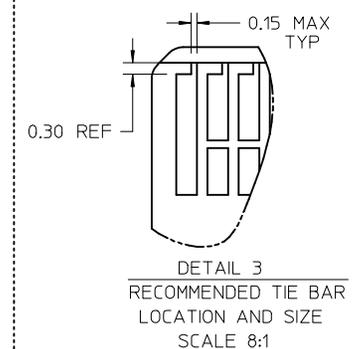
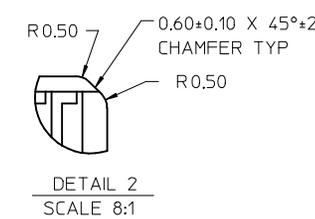
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	METRIC	THIRD ANGLE PROJECTION
<b>ASSEMBLY            EDGELINE COEDGE            CONNECTOR, 100 OHM</b>		
<b>MOLEX INCORPORATED</b>		SHEET NO. 1 OF 7
DOCUMENT NO. SD-46720-0000		

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1



DETAIL 1  
SEE NOTE 6  
SCALE 5:1



NOTE:  
CONTACT MOLEX FOR CUSTOMER APPLICATIONS WITH MULTIPLE CONNECTORS PER BOARD

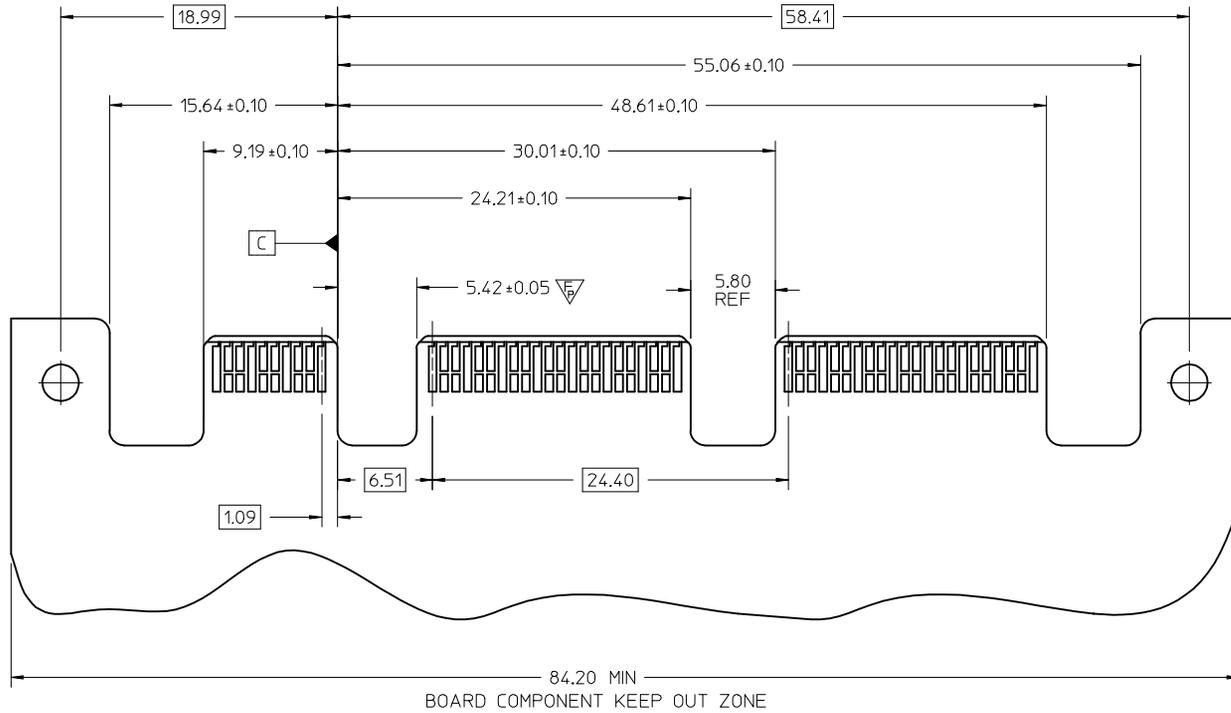
<b>SEE SHEET 1</b> EC NO: UCP2013-1394 DRAWN: JGREGORI 2012/10/24 CHKD: JGREGORI APPR: JCOMERCI 2012/10/30	QUALITY SYMBOLS ▽=0 ▽=0 ▽=2 ▽=2	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY DATE JGREGORI 2010/03/24 CHECKED BY DATE JCOMERCI 2010/04/12 APPROVED BY DATE JCOMERCI 2010/04/12	SCALE <b>3:1</b> TITLE ASSEMBLY EDGELINE COEDGE CONNECTOR, 100 OHM	DESIGN UNITS <b>METRIC</b> THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE SHEET 7</b>	DOCUMENT NO. <b>SD-46720-0000</b>	SHEET NO. 2 OF 7	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	MOLEX INCORPORATED				

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

108 CKT

ALL DIMENSIONS ARE THE SAME AS 64 CKT (SHEET 2) UNLESS OTHERWISE SPECIFIED



NOTE:  
CONTACT MOLEX FOR CUSTOMER APPLICATIONS  
WITH MULTIPLE CONNECTORS PER BOARD

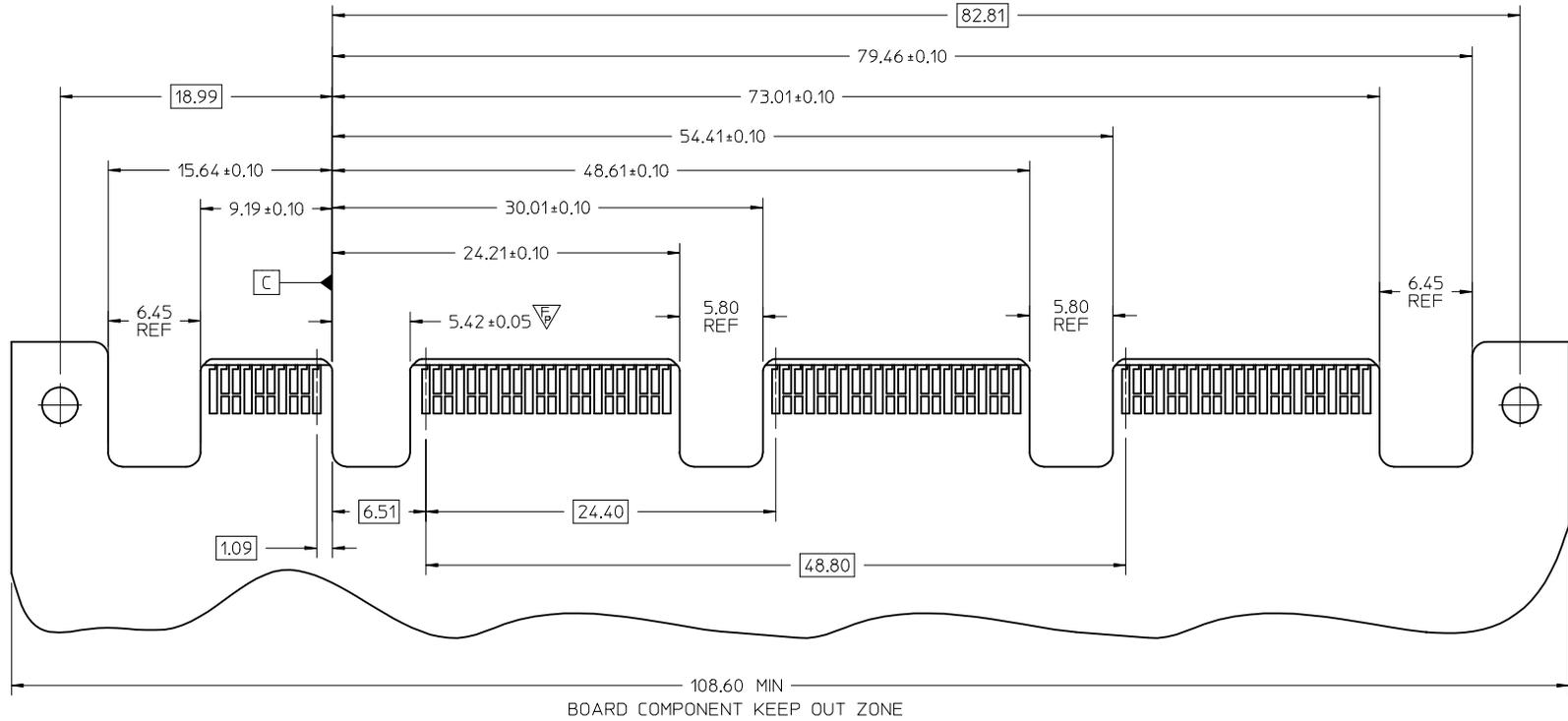
SEE SHEET 1 EC NO: UCP2013-1394 DRAWN: JGREGORI 2012/10/24 CHKD: JGREGORI APPR: JCOMERCI 2012/10/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	MM ONLY		3:1	METRIC	◎ ▢	
	▽=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE			
	▽=1	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	TGREGORI	2010/03/24	ASSEMBLY EDGE LINE COEDGE CONNECTOR, 100 OHM			
▽=1	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	MOLEX		MOLEX INCORPORATED	
				JCOMERCI	2010/04/12	DOCUMENT NO.		SD-46720-0000	
				SEE SHEET 7				SHEET NO. 3 OF 7	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

152 CKT

ALL DIMENSIONS ARE THE SAME AS 64 CKT (SHEET 2) UNLESS OTHERWISE SPECIFIED



NOTE:  
CONTACT MOLEX FOR CUSTOMER APPLICATIONS  
WITH MULTIPLE CONNECTORS PER BOARD

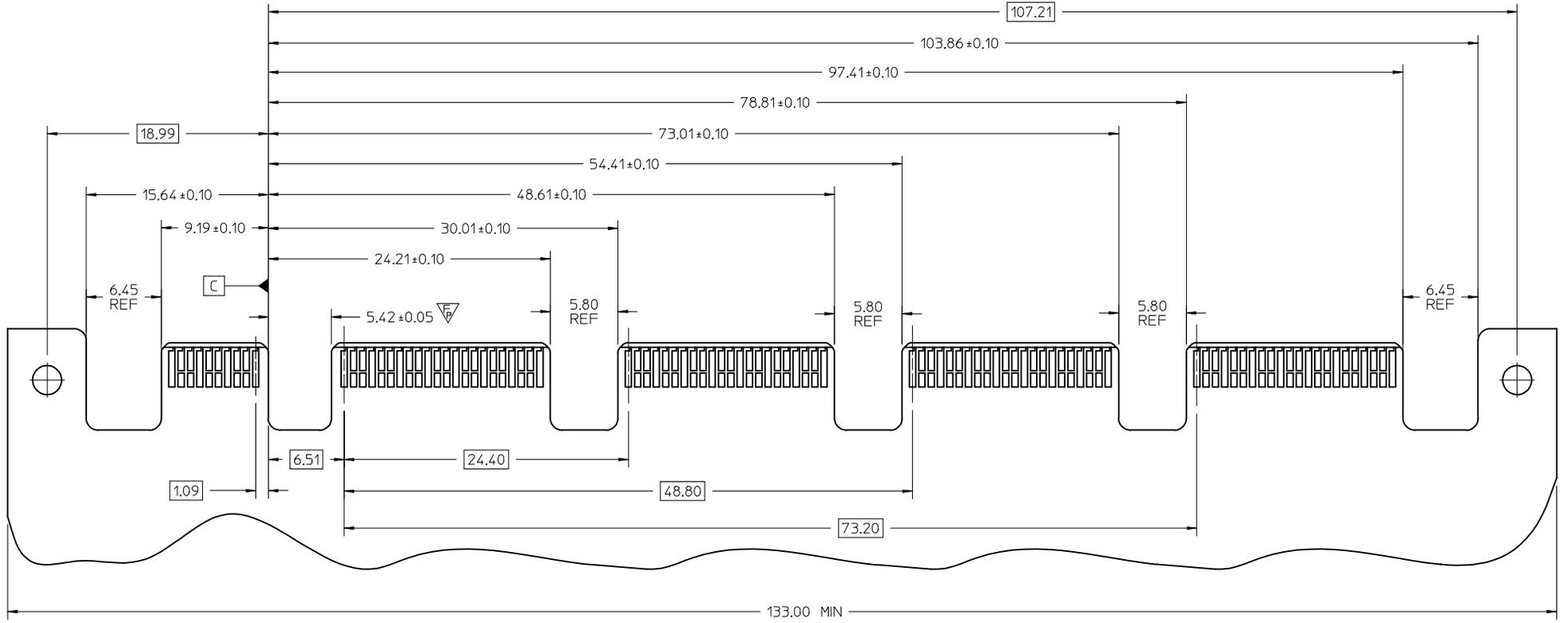
SEE SHEET 1 EC NO: UCP2013-1394 DRAWN: JGREGORI 2012/10/24 CHKD: JGREGORI APPR: JCOMERCI 2012/10/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	⊙
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=1	3 PLACES ± --- ± ---	TGREGORI 2010/03/24	ASSEMBLY EDGE LINE COEDGE CONNECTOR, 100 OHM		
▽=1	2 PLACES ± --- ± ---	CHECKED BY DATE	MOLEX INCORPORATED			
▽=1	1 PLACE ± --- ± ---	APPROVED BY DATE	DOCUMENT NO.			
▽=1	ANGULAR ±1/2°	JCOMERCI 2010/04/12	SD-46720-0000			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SHEET NO.			
		SEE SHEET 7	4 OF 7			
		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

196 CKT

ALL DIMENSIONS ARE THE SAME AS 64 CKT (SHEET 2) UNLESS OTHERWISE SPECIFIED



BOARD COMPONENT KEEP OUT ZONE



NOTE:  
CONTACT MOLEX FOR CUSTOMER APPLICATIONS  
WITH MULTIPLE CONNECTORS PER BOARD

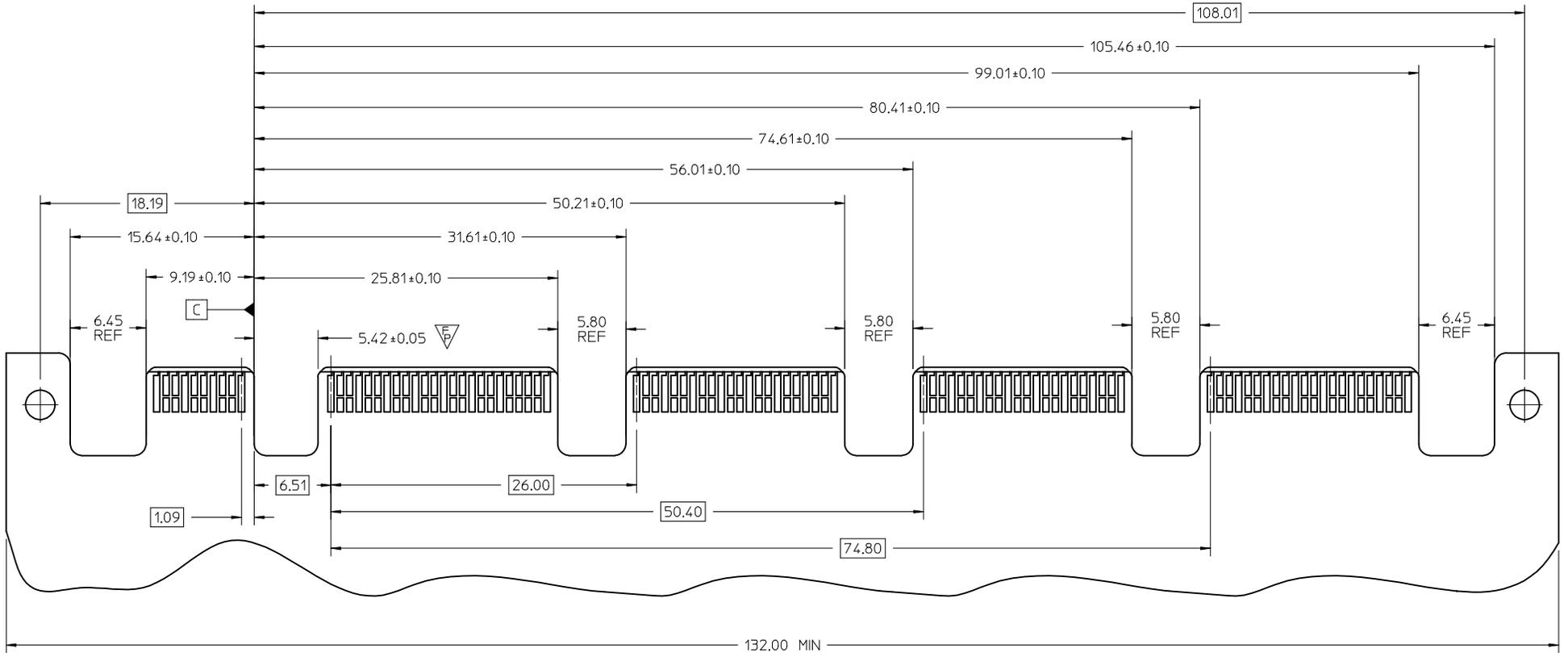
SEE SHEET 1 EC NO: UCP2013-1394 DRAWN: JGREGORI 2012/10/24 CHKD: JCOMERCI APPR: JCOMERCI 2012/10/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$	mm INCH	MM ONLY	3:1	METRIC	
	$\nabla=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	ASSEMBLY EDGE LINE COEDGE CONNECTOR, 100 OHM	
	$\nabla=1$	3 PLACES ± --- ± ---	JGREGORI 2010/03/24		MOLEX INCORPORATED	
	$\nabla=1$	2 PLACES ± --- ± ---	CHECKED BY DATE		MATERIAL NO. DOCUMENT NO.	
	$\nabla=1$	1 PLACE ± --- ± ---	JCOMERCI 2010/04/12		SD-46720-0000	
	$\nabla=1$	ANGULAR ±1/2°	APPROVED BY DATE		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	JCOMERCI 2010/04/12		5 OF 7	
			MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			SEE SHEET 7			
			SIZE B			

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

200 CKT

ALL DIMENSIONS ARE THE SAME AS 64 CKT (SHEET 2) UNLESS OTHERWISE SPECIFIED



132.00 MIN  
BOARD COMPONENT KEEP OUT ZONE

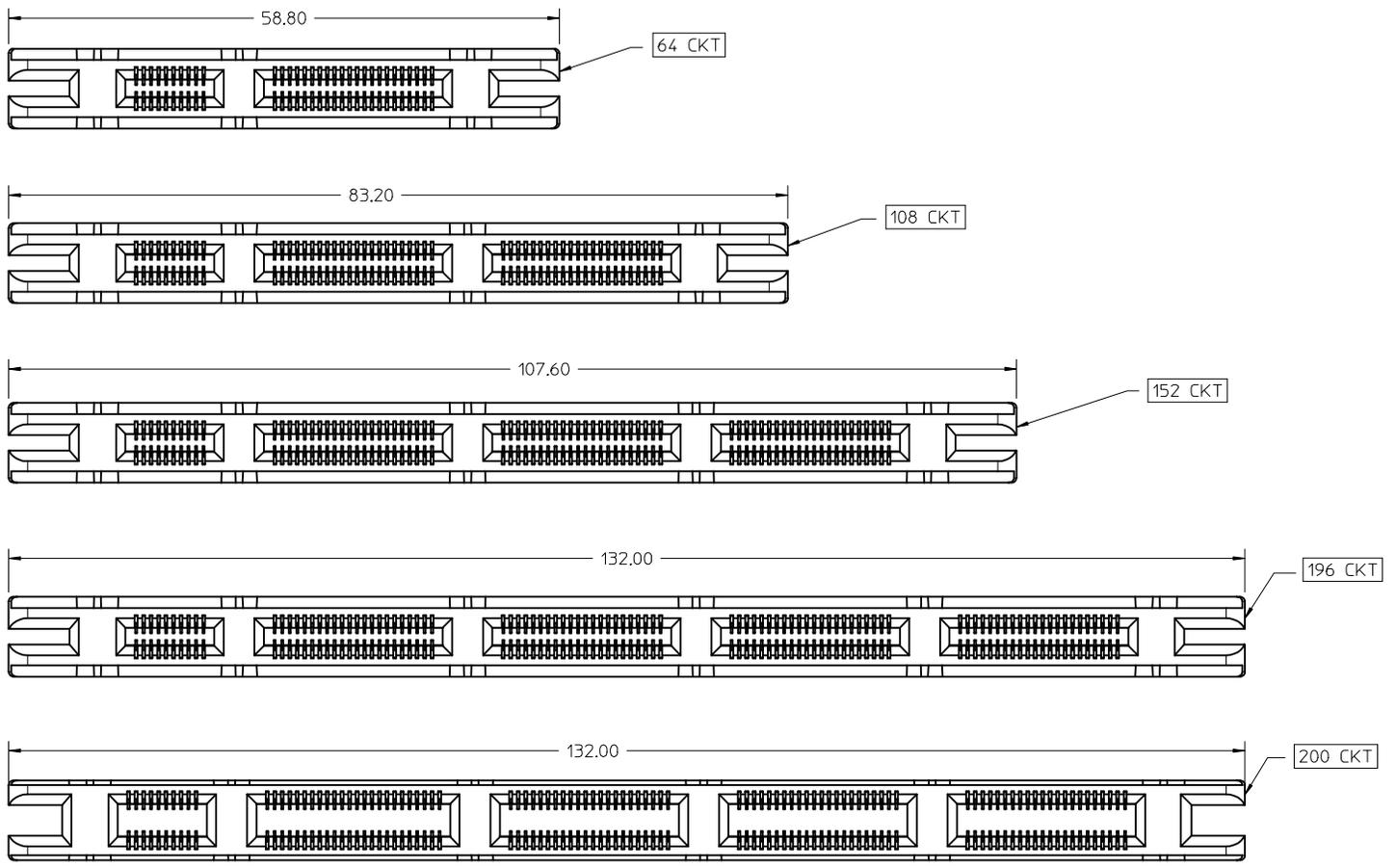
NOTE:  
CONTACT MOLEX FOR CUSTOMER APPLICATIONS  
WITH MULTIPLE CONNECTORS PER BOARD

SEE SHEET 1 EC NO: UCP2013-1394 DRAWN: TGREGORI 2012/10/24 CHKD: JCOMERCI APPR: JCOMERCI 2012/10/30	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=1	3 PLACES ± --- ± ---	TGREGORI 2010/03/24	ASSEMBLY EDGE LINE COEDGE CONNECTOR, 100 OHM		
▽=1	2 PLACES ± --- ± ---	CHECKED BY DATE	DOCUMENT NO.			
▽=1	1 PLACE ± --- ± ---	APPROVED BY DATE	SD-46720-0000			
▽=1	0 PLACE ± ±	JCOMERCI 2010/04/12	SHEET NO.			
	ANGULAR ±1/2°	MATERIAL NO.	6 OF 7			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 7	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1

PART NUMBER	CIRCUIT SIZE	PCB A THK (in)	PCB B THK (in)	DIM A
46720 0001	64	.062	.062	58.8
46720 0002	64	.093	.093	58.8
46720 0003	64	.110	.110	58.8
46720 0004	64	.125	.125	58.8
46720 0005	64	.062	.093	58.8
46720 0006	64	.062	.110	58.8
46720 0007	64	.062	.125	58.8
46720 0008	64	.093	.110	58.8
46720 0009	64	.093	.125	58.8
46720 0010	64	.110	.125	58.8
46720 0011	108	.062	.062	83.2
46720 0012	108	.093	.093	83.2
46720 0013	108	.110	.110	83.2
46720 0014	108	.125	.125	83.2
46720 0015	108	.062	.093	83.2
46720 0016	108	.062	.110	83.2
46720 0017	108	.062	.125	83.2
46720 0018	108	.093	.110	83.2
46720 0019	108	.093	.125	83.2
46720 0020	108	.110	.125	83.2
46720 0021	152	.062	.062	107.6
46720 0022	152	.093	.093	107.6
46720 0023	152	.110	.110	107.6
46720 0024	152	.125	.125	107.6
46720 0025	152	.062	.093	107.6
46720 0026	152	.062	.110	107.6
46720 0027	152	.062	.125	107.6
46720 0028	152	.093	.110	107.6
46720 0029	152	.093	.125	107.6
46720 0030	152	.110	.125	107.6
46720 0031	196	.062	.062	132
46720 0032	196	.093	.093	132
46720 0033	196	.110	.110	132
46720 0034	196	.125	.125	132
46720 0035	196	.062	.093	132
46720 0036	196	.062	.110	132
46720 0037	196	.062	.125	132
46720 0038	196	.093	.110	132
46720 0039	196	.093	.125	132
46720 0040	196	.110	.125	132
46720 0041	200	.125	.125	132

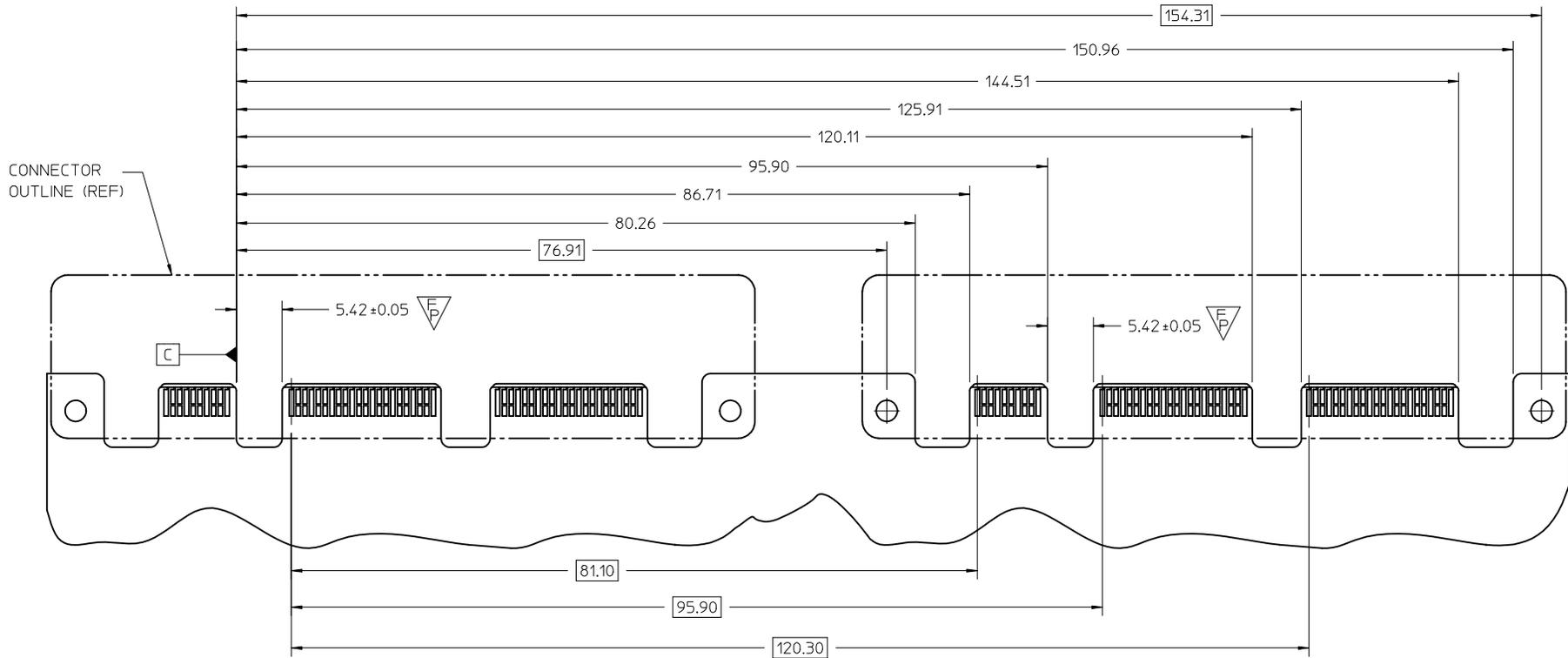
BOARD THICKNESS (IN)



<b>SEE SHEET 1</b> EC NO: UCP2013-1394 DRAWN: JGREGORI 2012/10/24 CHKD: JGREGORI APPR: JCOMERCI 2012/10/30	QUALITY SYMBOLS $\nabla F=0$ $\nabla E=0$ $\nabla F=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td><math>\pm</math>---</td><td><math>\pm</math>---</td></tr> <tr><td>3 PLACES</td><td><math>\pm</math>---</td><td><math>\pm</math>---</td></tr> <tr><td>2 PLACES</td><td><math>\pm</math>---</td><td><math>\pm</math>---</td></tr> <tr><td>1 PLACE</td><td><math>\pm</math>---</td><td><math>\pm</math>---</td></tr> </table>		mm	INCH	4 PLACES	$\pm$ ---	$\pm$ ---	3 PLACES	$\pm$ ---	$\pm$ ---	2 PLACES	$\pm$ ---	$\pm$ ---	1 PLACE	$\pm$ ---	$\pm$ ---	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	$\pm$ ---	$\pm$ ---																		
	3 PLACES	$\pm$ ---	$\pm$ ---																		
2 PLACES	$\pm$ ---	$\pm$ ---																			
1 PLACE	$\pm$ ---	$\pm$ ---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY JGREGORI	DATE 2010/03/24	CHECKED BY DATE	TITLE <b>ASSEMBLY          EDGELINE COEDGE          CONNECTOR, 100 OHM</b>	APPROVED BY JCOMERCI	DATE 2010/04/12															
MATERIAL NO.	SEE TABLE	DOCUMENT NO. <b>SD-46720-0000</b>	SHEET NO. <b>7 OF 7</b>	<b>MOLEX INCORPORATED</b>																	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

# PCB 1 LAYOUT (PRIMARY)

SEE DRAWING SD-46720-0000 FOR ALL PAD DETAILS NOT SHOWN



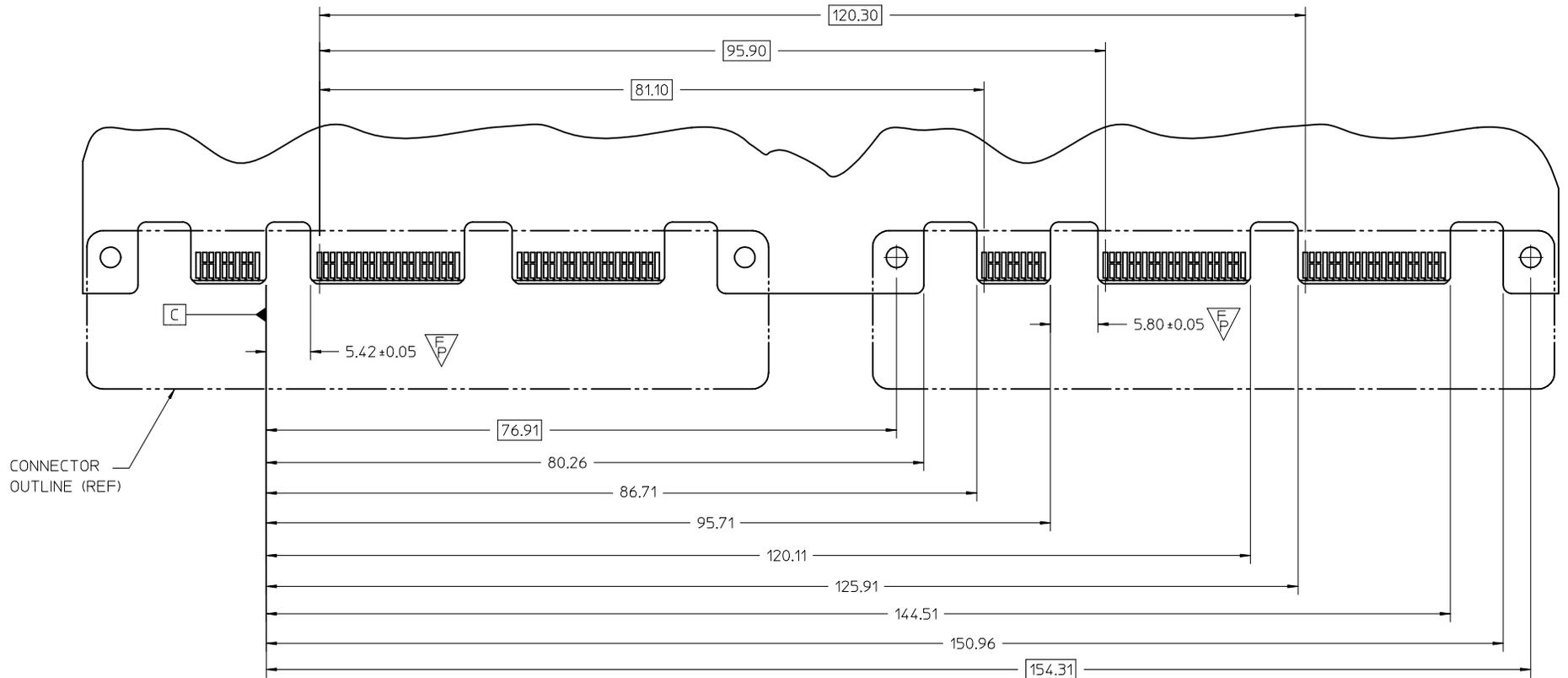
NOTE:

1. ALL CONNECTORS MUST BE MATED TO PCB 1 BEFORE TO PCB 2.

<b>INITIAL RELEASE</b> EC NO: UCP2012-0081 DRAWN: JGREGORI 2011/07/08 CHKD: JCOMERC I APPR: JCOMERC I 2011/07/25 REV 1	QUALITY SYMBOLS F/0 F/0 F/3	GENERAL TOLERANCES (UNLESS SPECIFIED) <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>±0.10</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.10	±---	1 PLACE	±---	±---	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: JGREGORI DATE: 2011/07/08 CHECKED BY: JCOMERC I DATE: 2011/07/25 APPROVED BY: JCOMERC I DATE: 2011/07/25 MATERIAL NO. 46720	SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: EDGELINE, 12.5 GPBS COEDGE CONN. 108 CKT MULTI CONN PCB LAYOUT MOLEX INCORPORATED DOCUMENT NO. SD-46720-0108 SHEET NO. 1 OF 2
		mm	INCH																	
	4 PLACES	±---	±---																	
	3 PLACES	±---	±---																	
2 PLACES	±0.10	±---																		
1 PLACE	±---	±---																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	

# PCB 2 LAYOUT (SECONDARY)

SEE DRAWING SD-46720-0000 FOR ALL PAD DETAILS NOT SHOWN



NOTE:

1. ALL CONNECTORS MUST BE MATED TO PCB 1 BEFORE TO PCB 2.

SEE SHEET 1 EC NO: UCP2012-0081 DRAWN: TGREGORI 2011/07/08 CHKD: JCOMERCI APPR: JCOMERCI 2011/07/25 REV 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	$\nabla F=0$	4 PLACES ± --- ± ---	mm	INCH	DRAWN BY TGREGORI	DATE 2011/07/08	TITLE EDGELINE, 12.5 GPBS COEDGE CONN. 108 CKT MULTI CONN PCB LAYOUT		
	$\nabla F=0$	3 PLACES ± --- ± ---			CHECKED BY	DATE			
	$\nabla F=3$	2 PLACES ± 0.10 ± ---	ANGULAR ± 1/2°		APPROVED BY JCOMERCI	DATE 2011/07/25	MOLEX INCORPORATED DOCUMENT NO. SD-46720-0108		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	MATERIAL NO. 46720	SHEET NO. 2 OF 2				

6

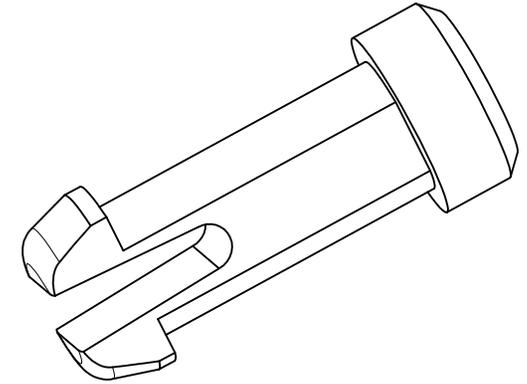
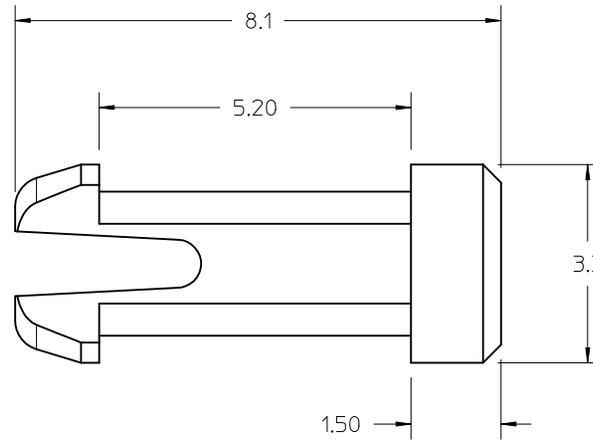
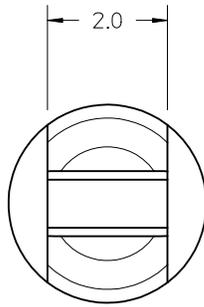
5

4

3

2

1



## NOTES:

1. MATERIAL: NYLON 6/6, UL94 V-0 (RMS-19)  
COLOR: NATURAL
2. FOR USE WITH MOLEX EDGELINE COEDGE SERIES 46720.
3. RIVETS RECEIVED FROM MOLEX IN INDIVIDUAL PLASTIC BAGS WITH QUANTITY 1000 PCS
4. TO REMOVE RIVET FROM ASSEMBLY USE MOLEX REMOVAL TOOL NUMBER 638133502

REMOVED P/N 7711 EC NO: UCP2012-0083 DRWN: TGREGORI 2011/07/14 CHKD: APPR: JCOMERCI 2011/09/13	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>8:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY TGREGORI	DATE 2010/03/24	TITLE <b>SNAP LOCK PIN EDGELINE COEDGE CONNECTOR</b>			
		4 PLACES	± ---	± ---	CHECKED BY	DATE				
		3 PLACES	± ---	± ---	APPROVED BY JCOMERCI		DATE 2010/04/12	MOLEX MOLEX INCORPORATED		
2 PLACES	± 0.13	± ---	ANGULAR ± 1/2°		MATERIAL NO. <b>46720-7710</b>	DOCUMENT NO. <b>SD-46720-7710</b>	SHEET NO. 1 OF 1			
1 PLACE	± 0.25	± ---	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

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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