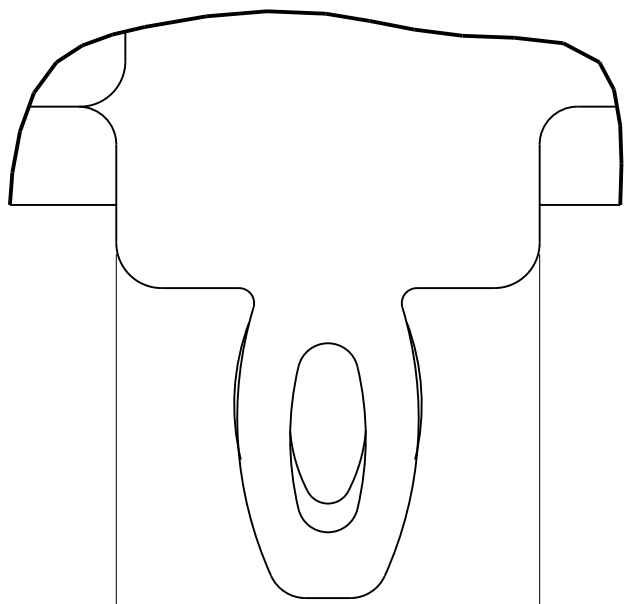


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			7	ADD -10 PART NUMBER	21MAR2014	RG	MC
			8	ADD -11 PART NUMBER	16APR2014	RG	MC
			9	MODIFY -10 LIGHT PIPE	15JUL2014	RG	MC
			10	ADD ORGANIZER ON -10	9DEC2014	RG	MC



DETAIL S
SCALE 20:1

3.0 MAX TYP

1 CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
EMI GASKET MATERIAL: CONDUCTIVE RUBBER,UL 94V-0 RATED
EMI GASKET PLATE MATERIAL: STAINLESS STEEL

2 PITCH BETWEEN PORTS OF ONE 1X4 CAGE ASSEMBLY.

3 SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.

4 REFERENCE APPLICATION SPEC 114-13217 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

6 DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD,
SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45mm
DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 5.0mm PER CUSTOM.

7 HEAT SINKS, LIGHT PIPES, AND HEAT SINK CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.

8 DATUM -A- IS TOP SURFACE OF PC BOARD.

9 DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.

10 UNPLATED THRU HOLE.

11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

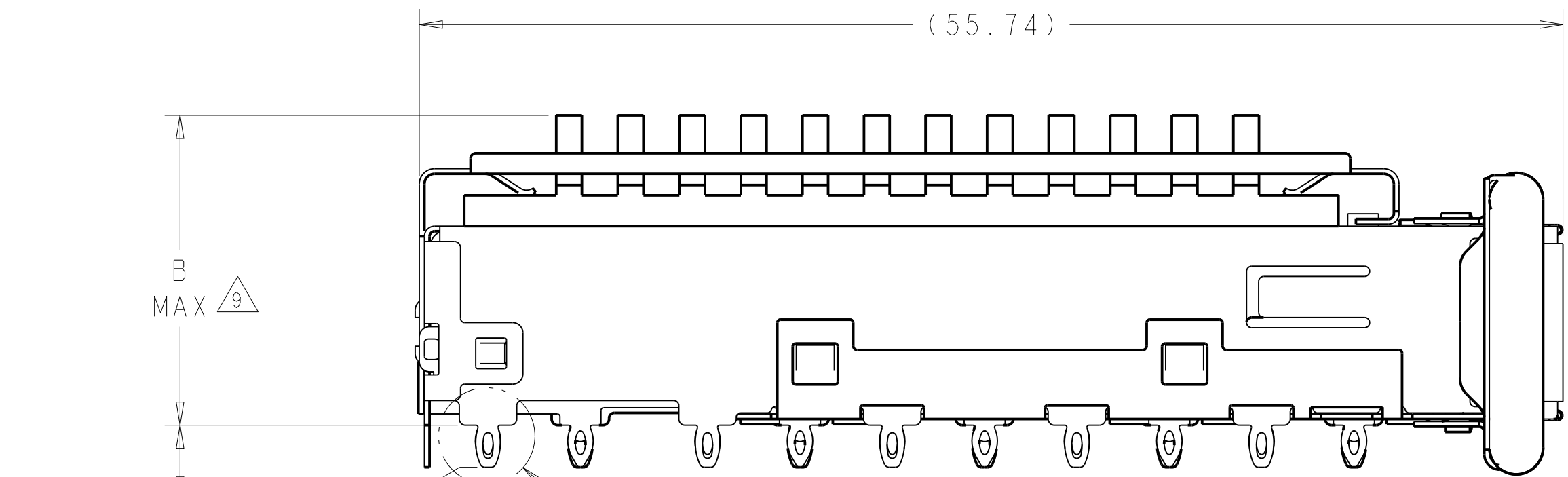
12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.

13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.

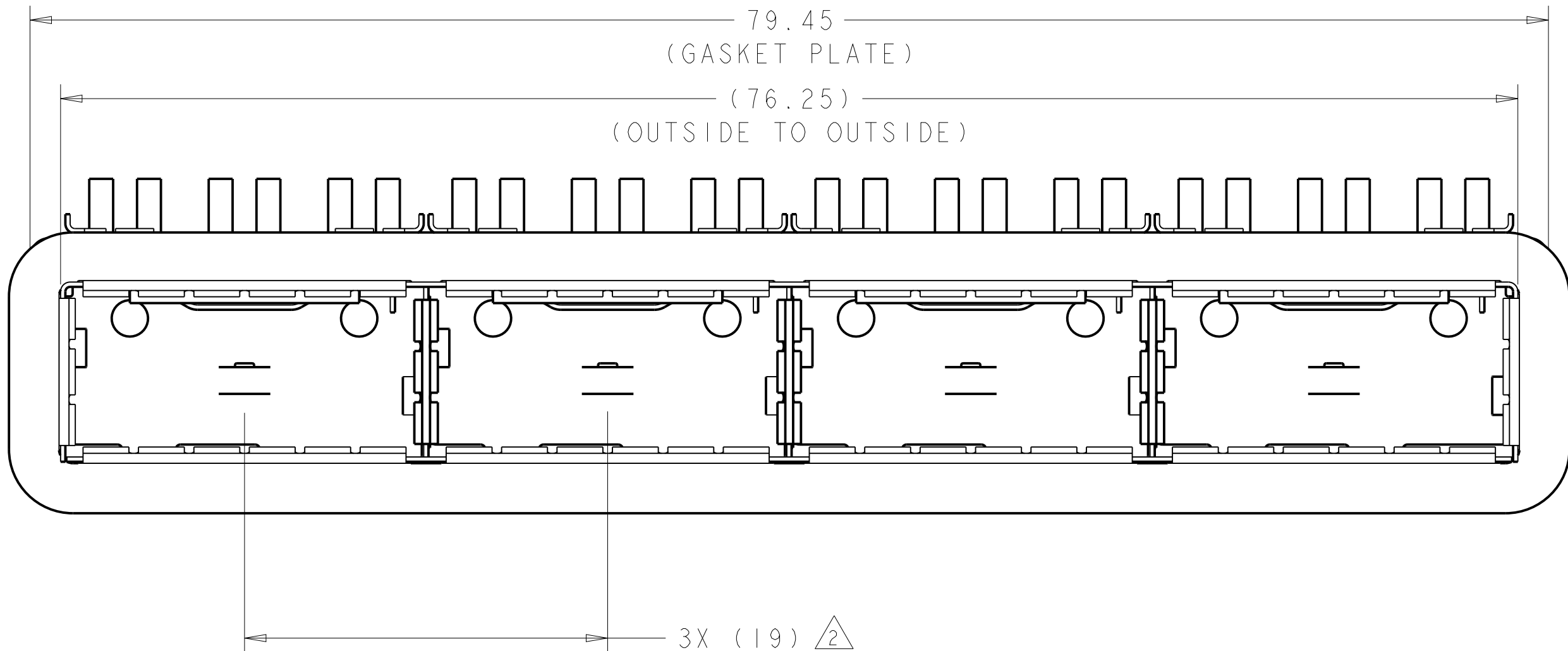
14 DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.

15 REFERENCE APP SPEC 114-13217 FOR GASKET THICKNESS CALCULATION.

16 EMI SPRING FINISH: TIN PLATING OVER NICKEL
HEAT SINK FINISH: ANODIZED OR NICKEL PLATING.

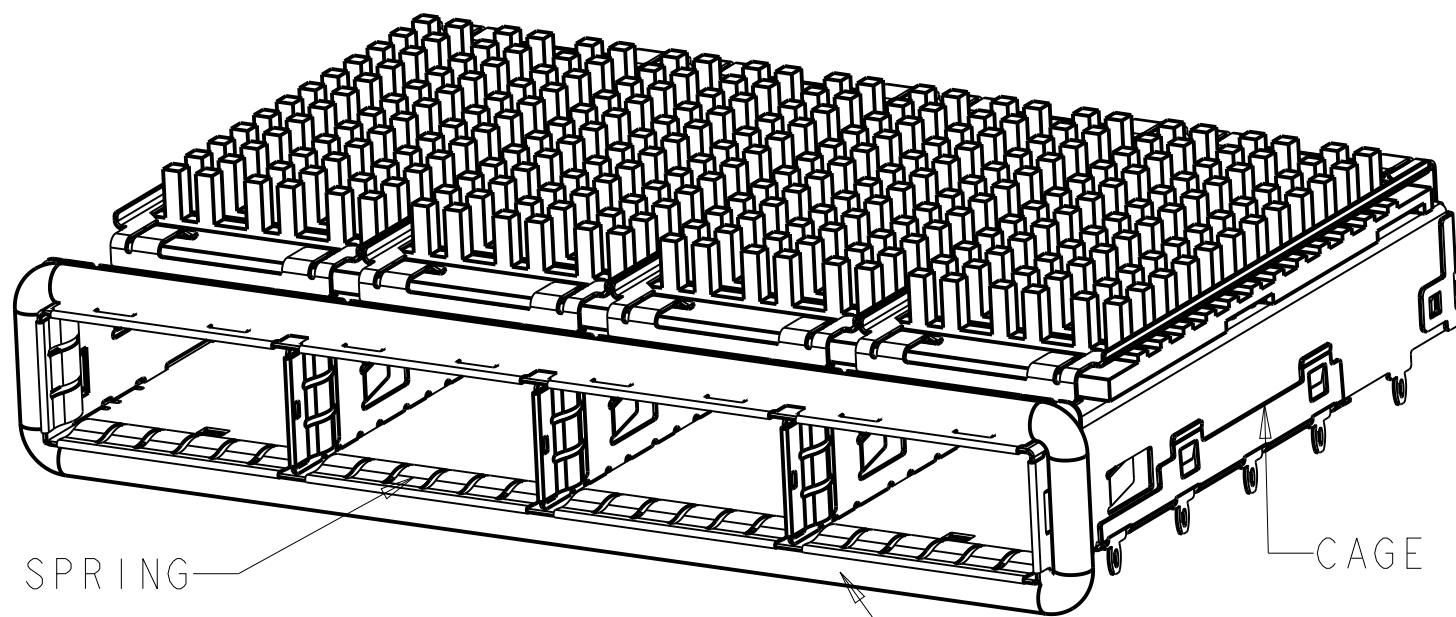


SEE DETAIL S



2170287-4, 2170287-5, 2170287-6
SCALE 2:1

1-2170287-0
SCALE 2:1

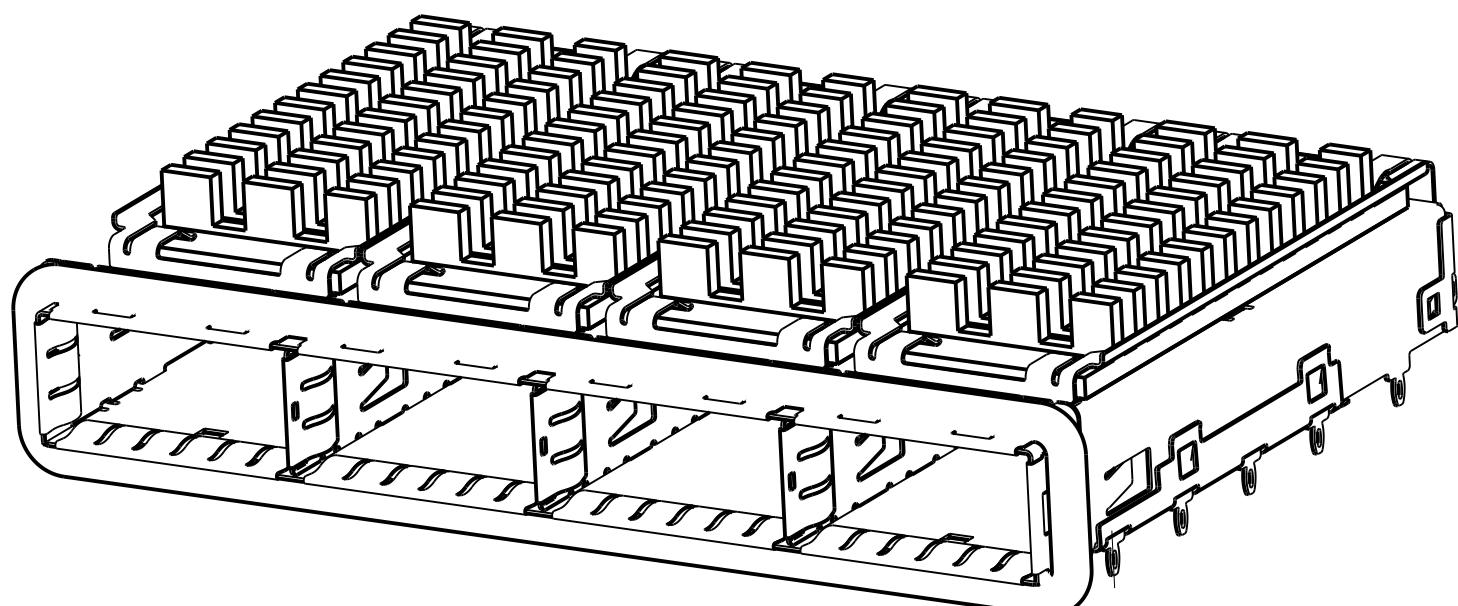


EMI SPRING

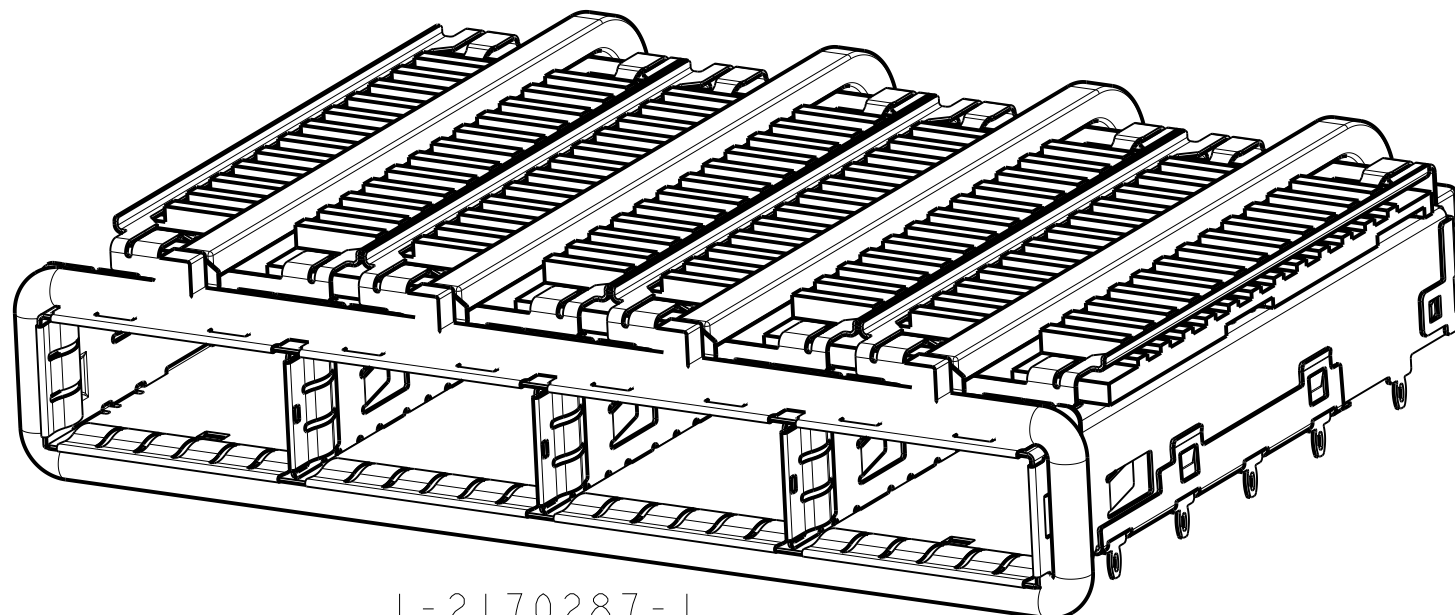
CAGE ASSEMBLY

ELASTOMERIC GASKET

2170287-1, 2170287-2, 2170287-3
SCALE 2:1



2170287-7, 2170287-8, 2170287-9
SCALE 2:1

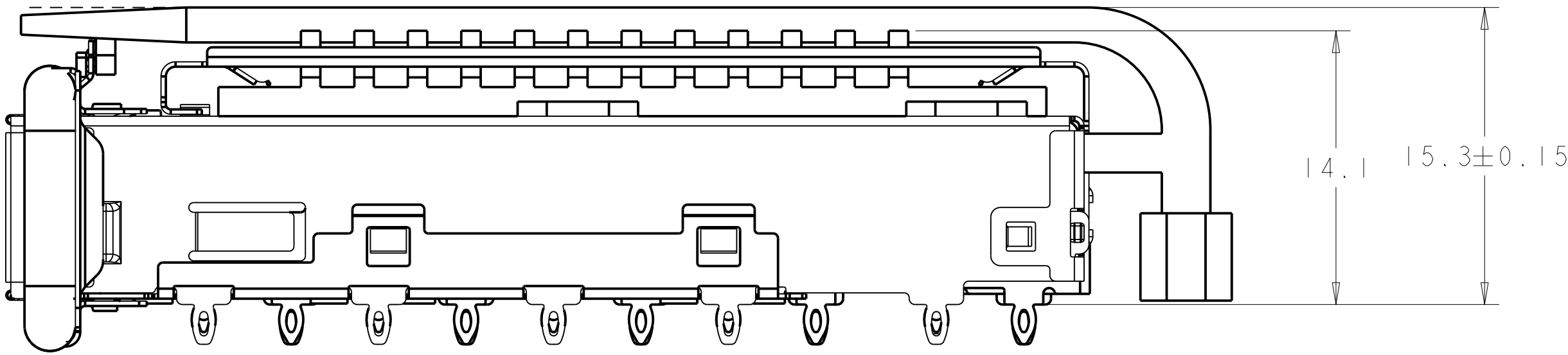
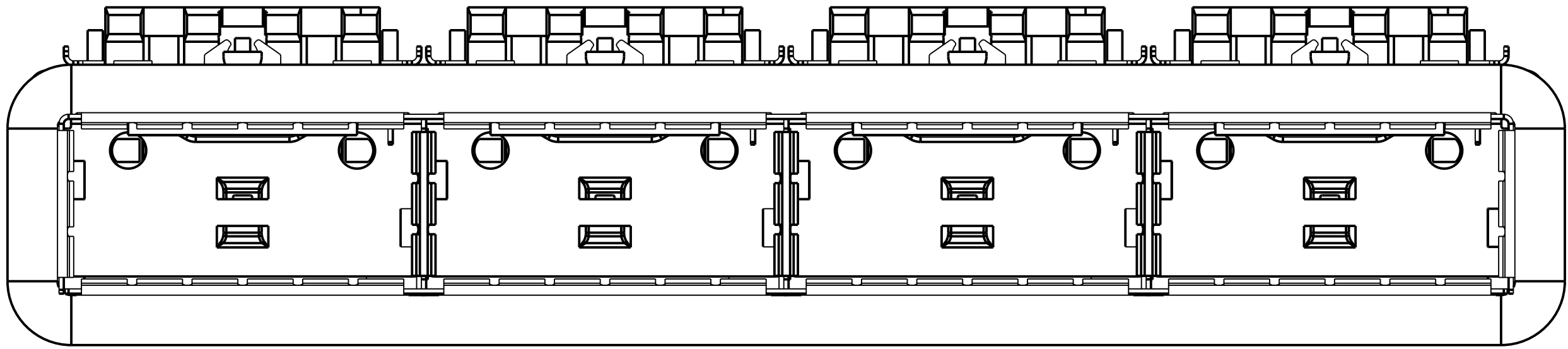


1-2170287-1
SCALE 2:1

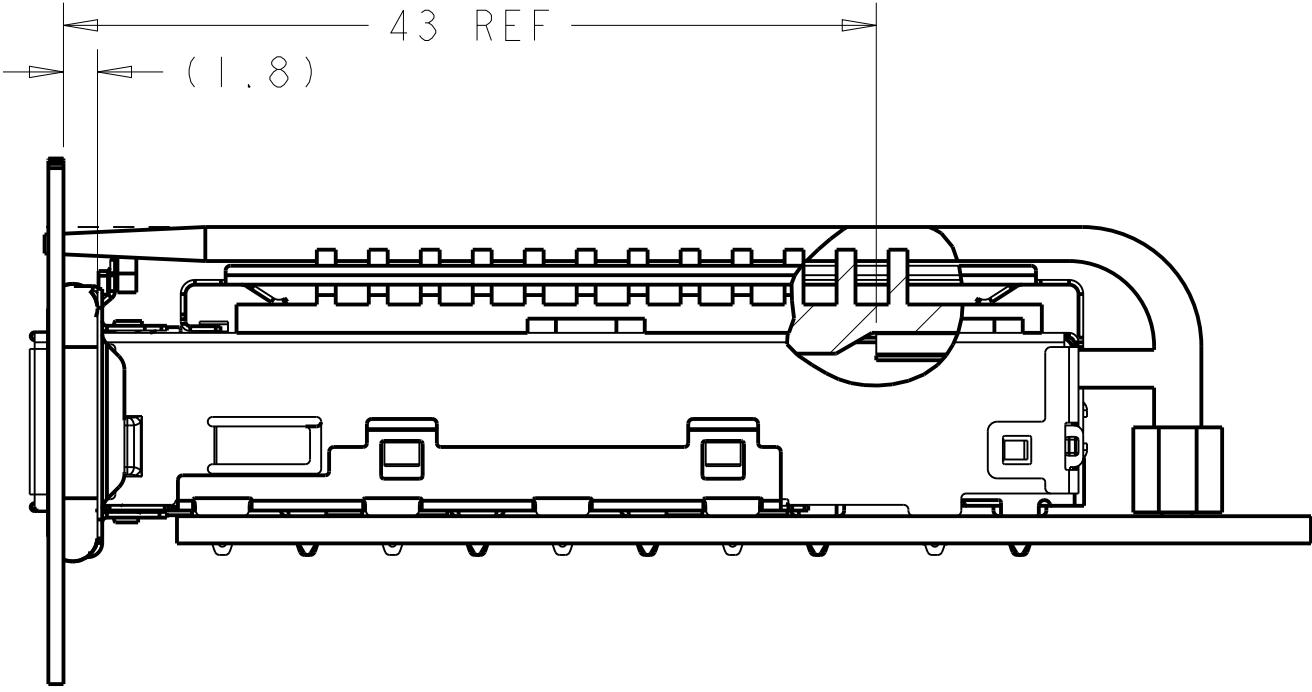
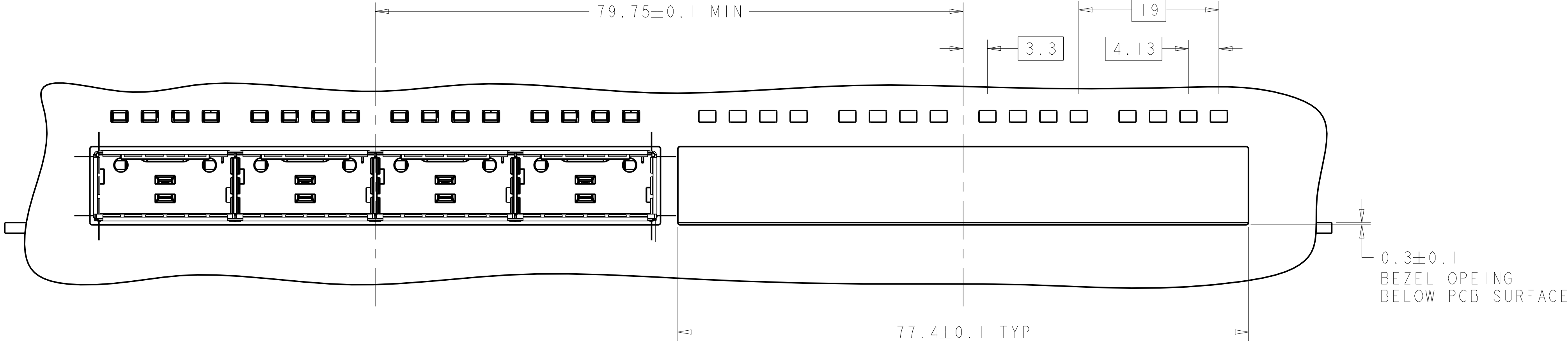
1		
13.7	PCI(FIN TYPE)	1-2170287-1
15.0	CUSTOMIZED HEAT SINK	1-2170287-0
23.0	NETWORKING(FIN TYPE)	2170287-9
16.0	SAN(FIN TYPE)	2170287-8
13.7	PCI(FIN TYPE)	2170287-7
23.0	NETWORKING(FIN TYPE)	2170287-6
16.0	SAN(FIN TYPE)	2170287-5
13.7	PCI(FIN TYPE)	2170287-4
23.0	NETWORKING(PIN TYPE)	2170287-3
16.0	SAN(PIN TYPE)	2170287-2
13.7	PCI(PIN TYPE)	2170287-1
B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	29FEB2012
DIMENSIONS:		CHK	KINSEN SUN
mm		APVD	DENNY ZHU
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	ALEX CAI
0 PLC		PRODUCT SPEC	NAME
1 PLC		108-2286	1X4 CAGE ASSEMBLY THRU BEZEL
2 PLC		APPLICATION SPEC	W/ELASTOMERIC GASKET AND HEAT SINKS,
3 PLC		114-13217	QSFP
4 PLC		WEIGHT	SIZE
ANGLES		Customer Drawing	CAGE CODE
FINISH		SCALE	DRAWING NO
1		4:1	100779
16		SHEET	1
		OF	8
		REV	10

LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

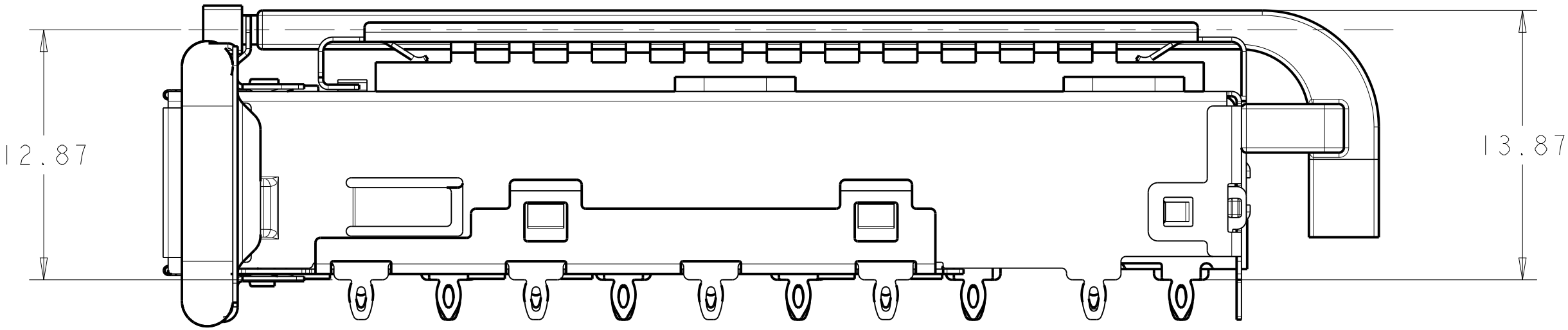
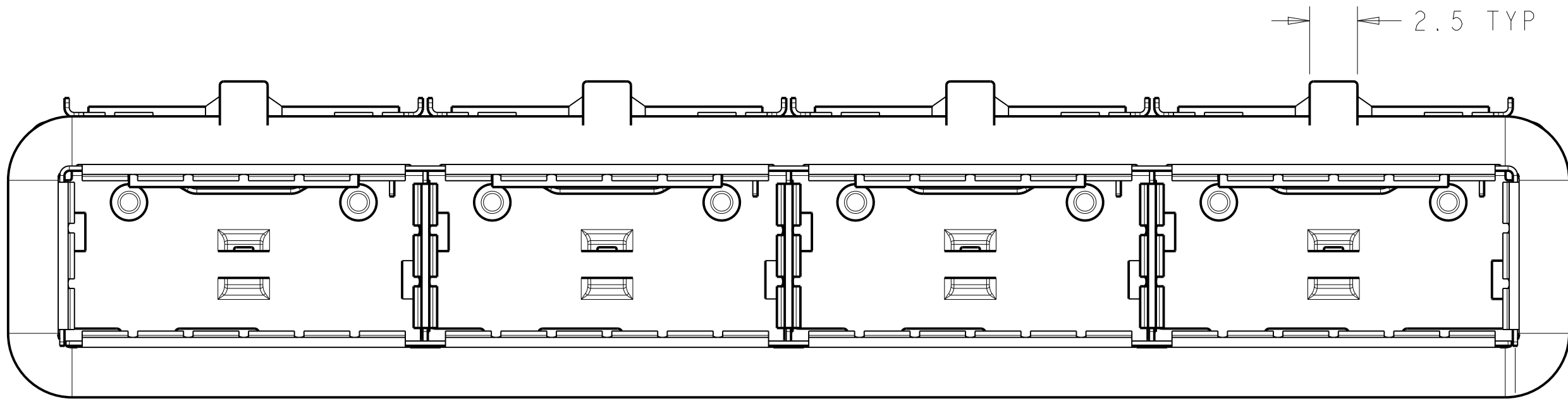


1-2170287-0 shown
SCALE 4:1

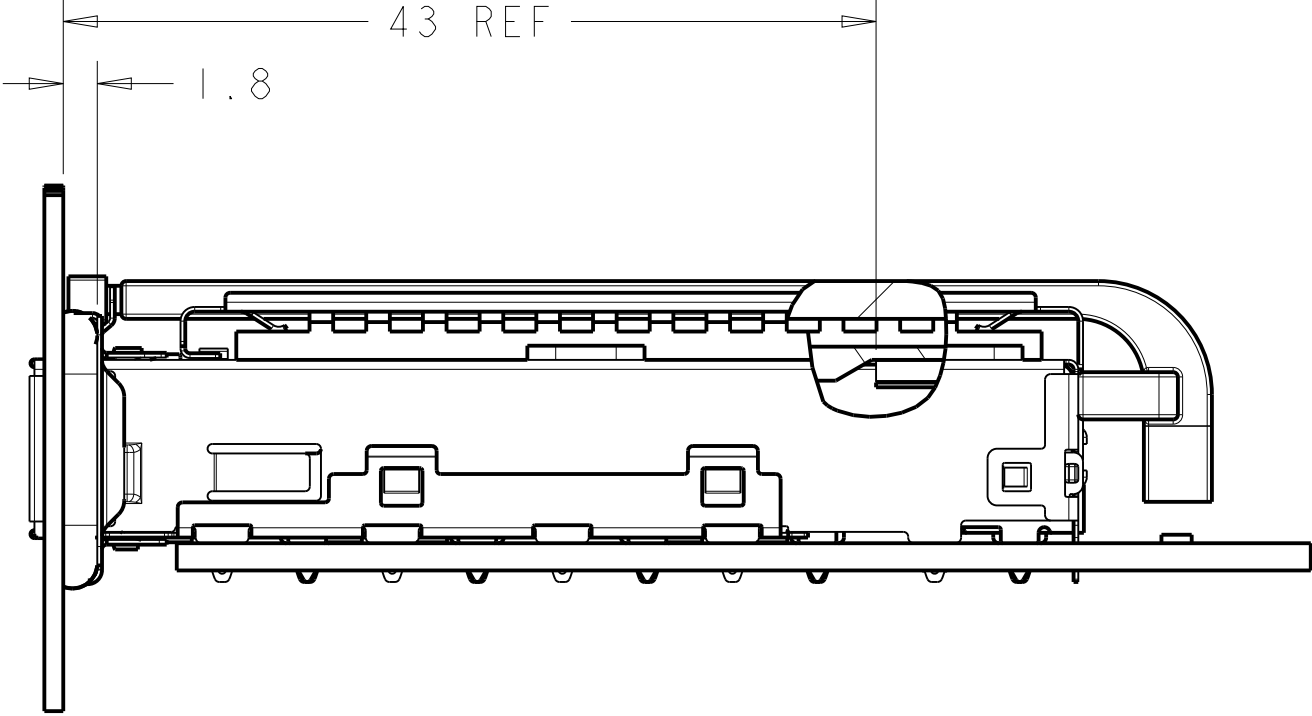
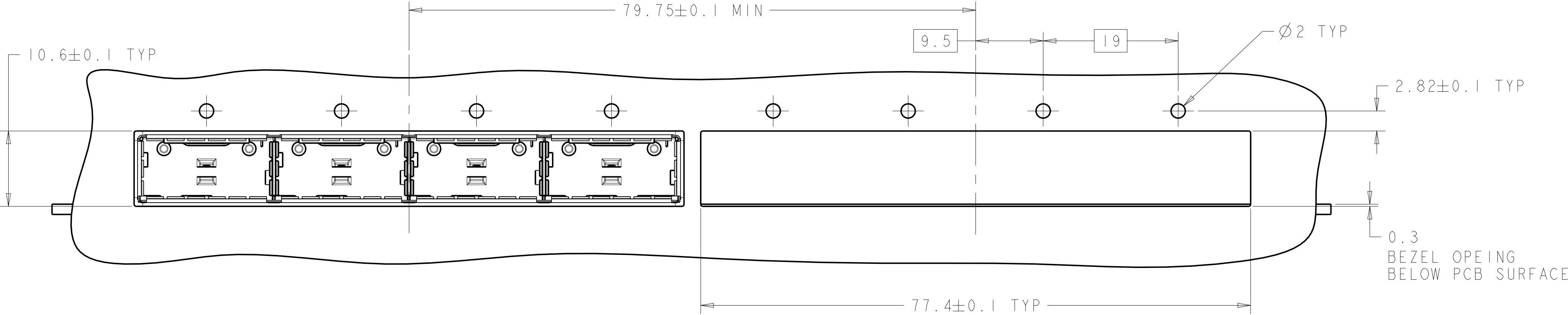


SECTION B-B

1-2170287-0
ONE SIDED CONFIGURATION
SCALE 5:2

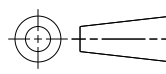


1-2170287-1 SHOWN
SCALE 4:1

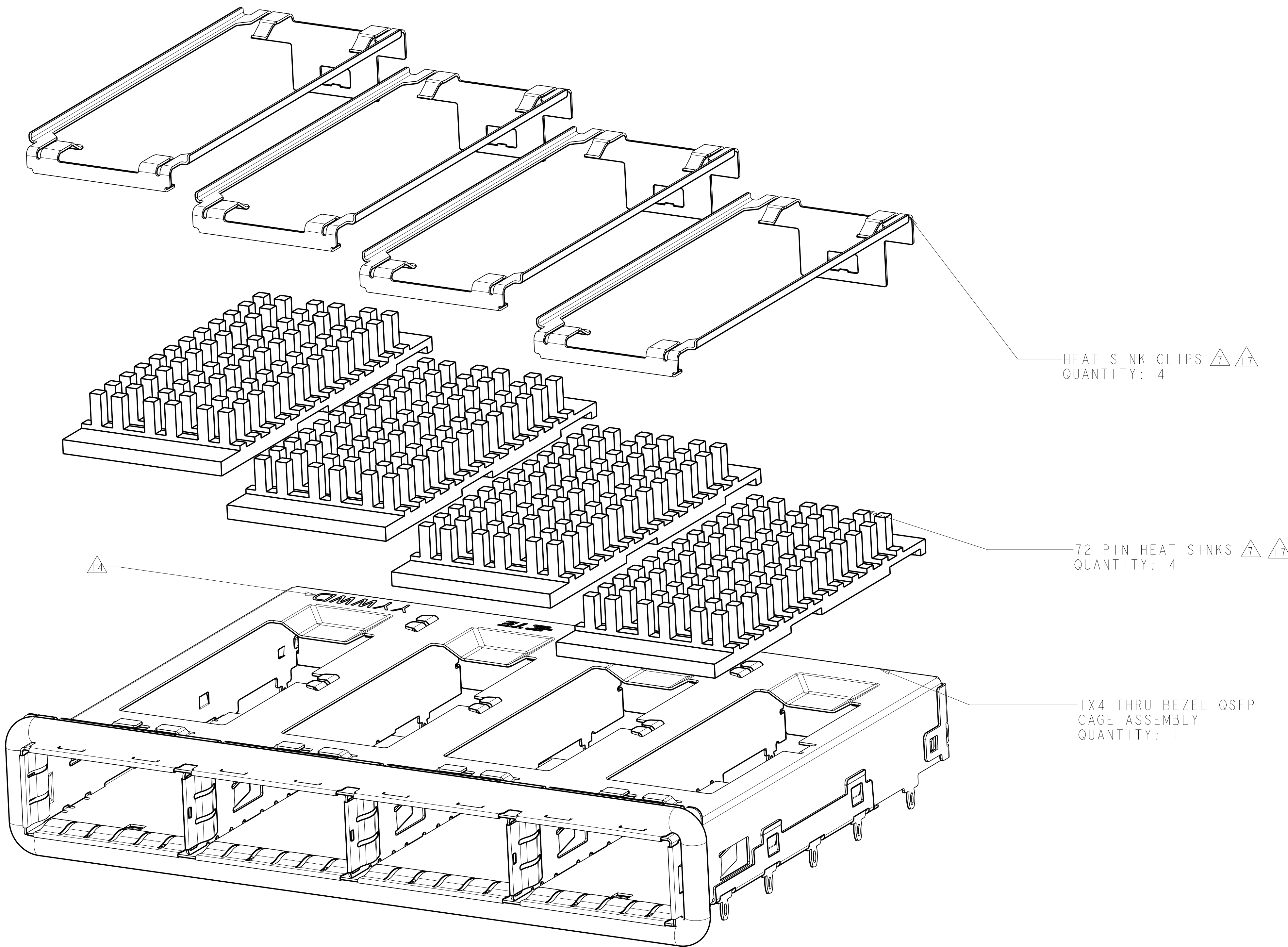


SECTION B-B

1-2170287-1
ONE SIDED CONFIGURATION
SCALE 5:2

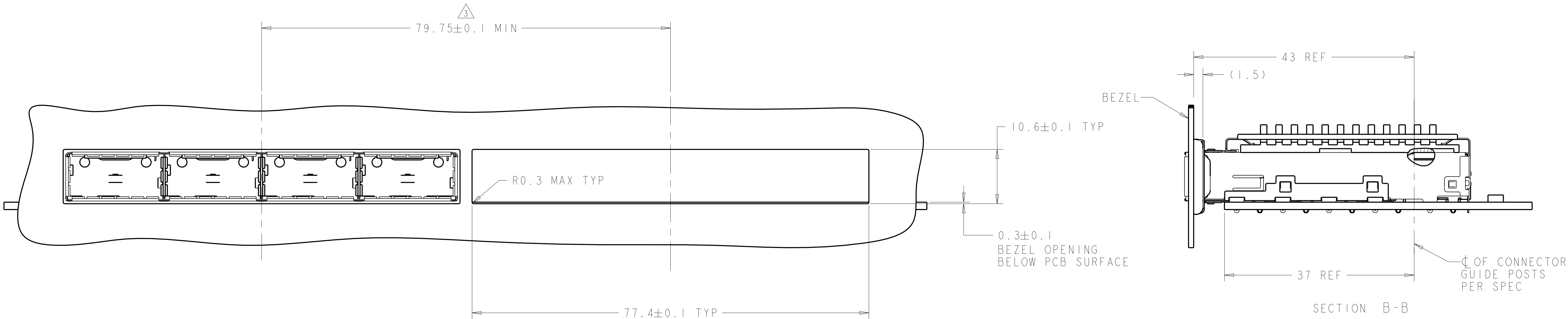
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 29FEB2012	 TE Connectivity	
DIMENSIONS:		CHK DENNY ZHU 29FEB2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 29FEB2012	NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
	0 PLC ±0.35	PRODUCT SPEC	SIZE	
	1 PLC ±0.25	APPLICATION SPEC	CAGE CODE DRAWING NO	
MATERIAL	2 PLC ±	114-13217	A100779C=2170287	
	3 PLC ±	WEIGHT	RESTRICTED TO	
FINISH		Customer Drawing	SCALE 4:1 SHEET 2 OF 8 REV 10	

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

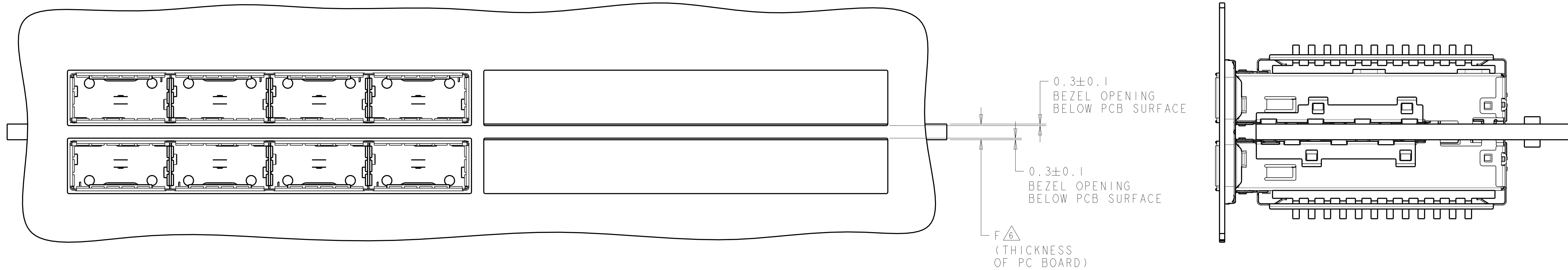


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	KINSEN SUN	29FEB2012	 TE Connectivity										
				CHK	DENNY ZHU	29FEB2012											
				APVD	AILEX CAI	29FEB2012	NAME										
DIMENSIONS: mm 				PRODUCT SPEC			1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP										
				APPLICATION SPEC													
				114-13217			SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO				
MATERIAL				WEIGHT		A100779C=2170287											
-				-		Customer Drawing				SCALE	4:1	SHEET	3	OF	8	REV	10

LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
			-	SEE SHEET 1		-	-	-	

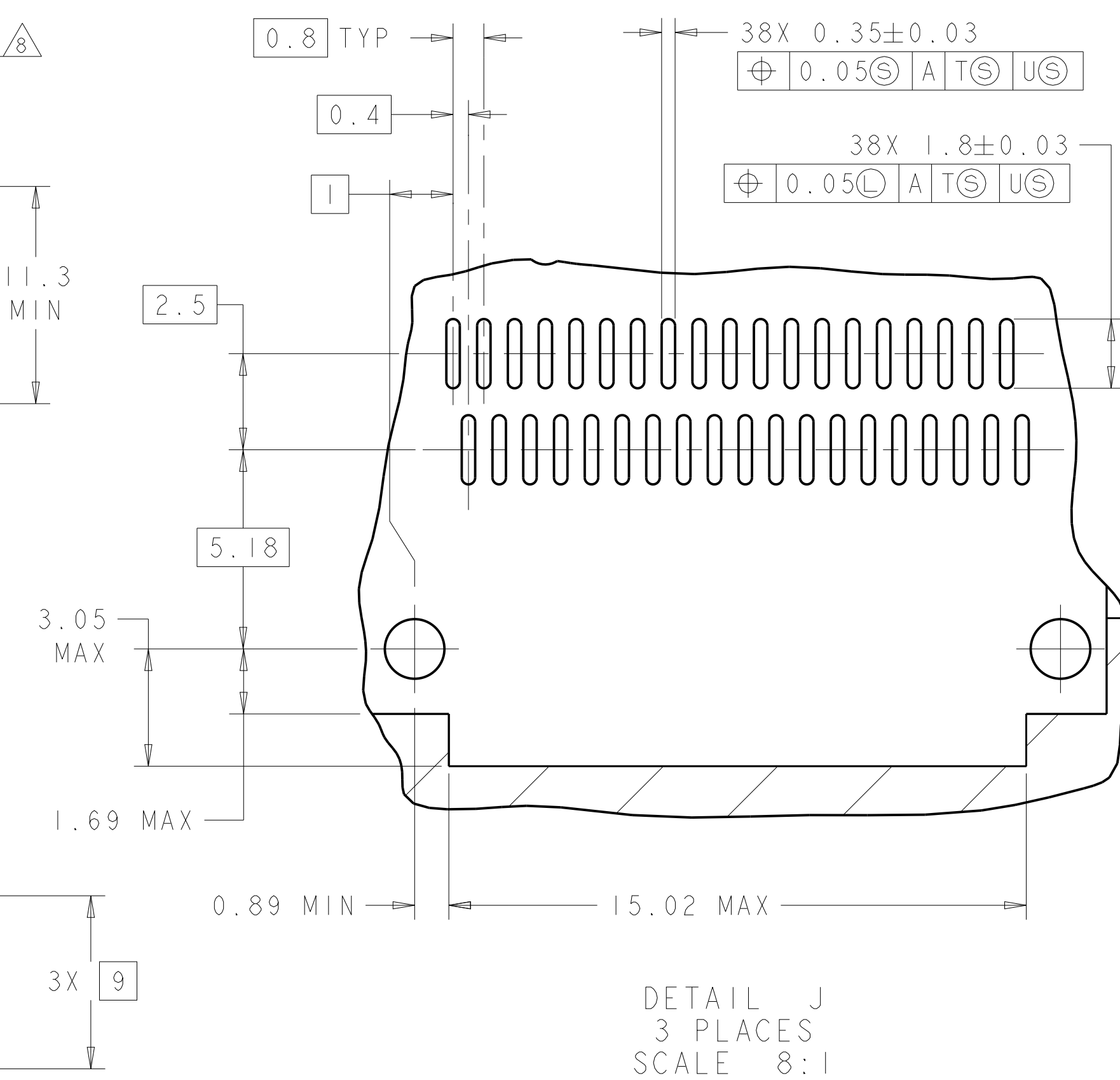
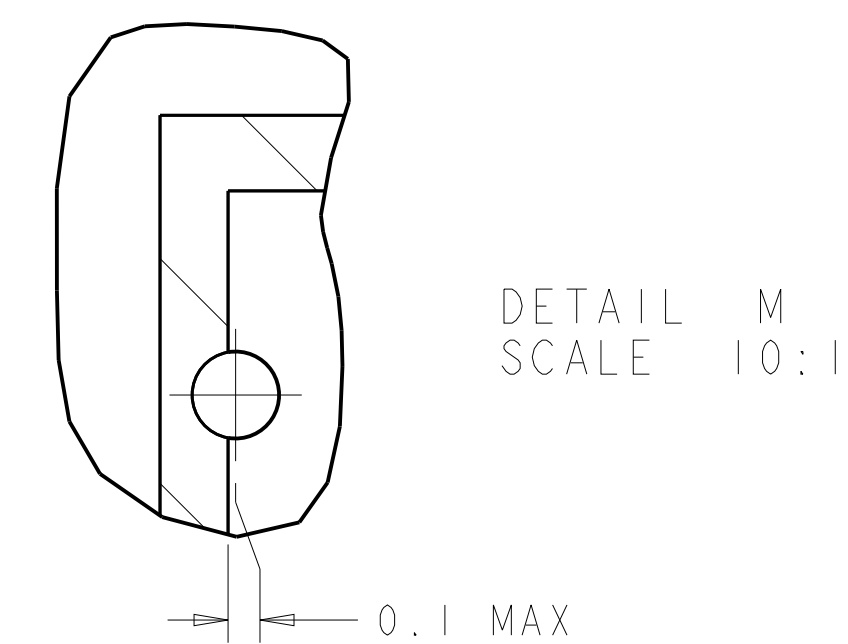


ONE SIDED CONFIGURATION
SCALE 5:2



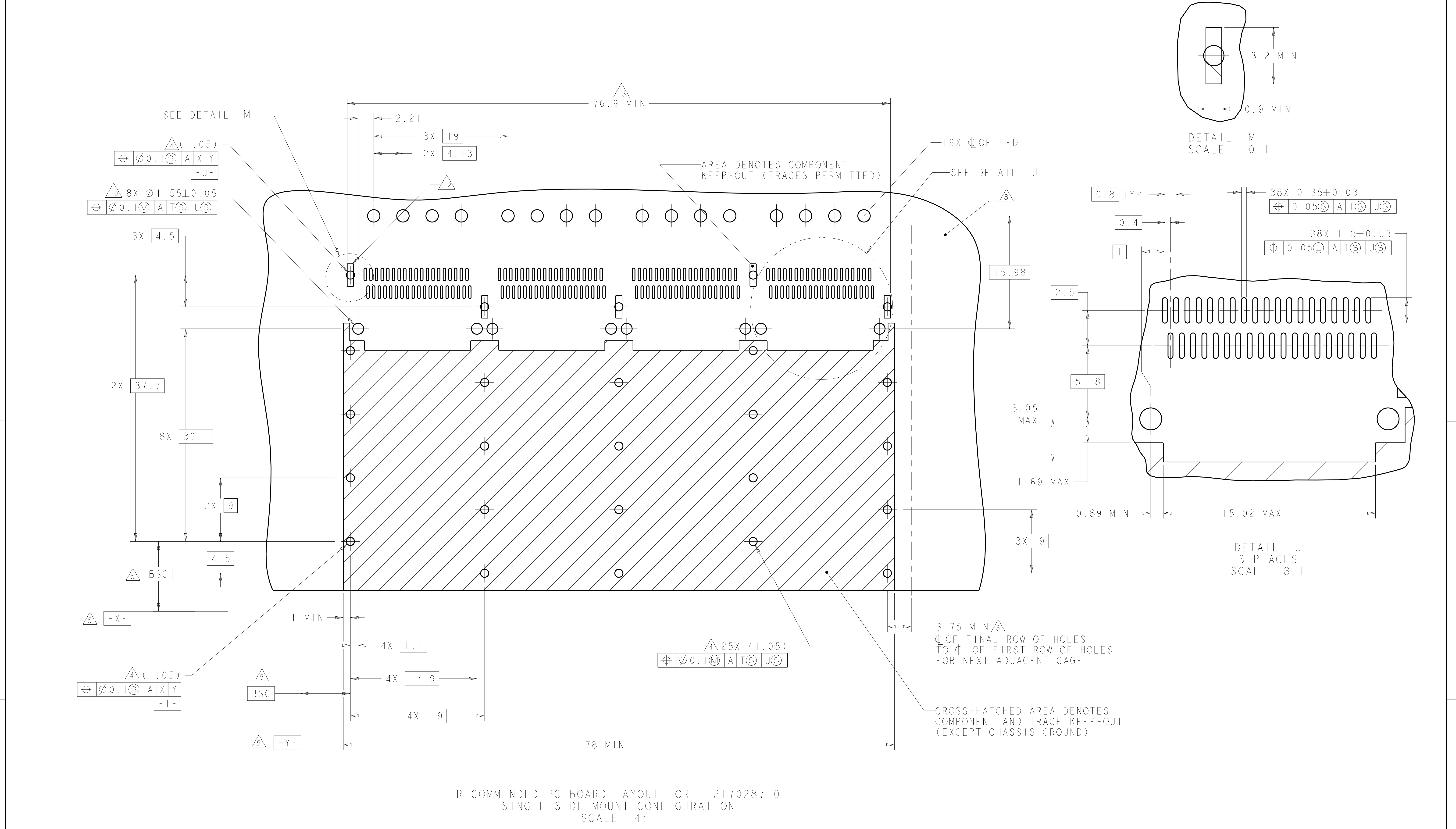
BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 5:2

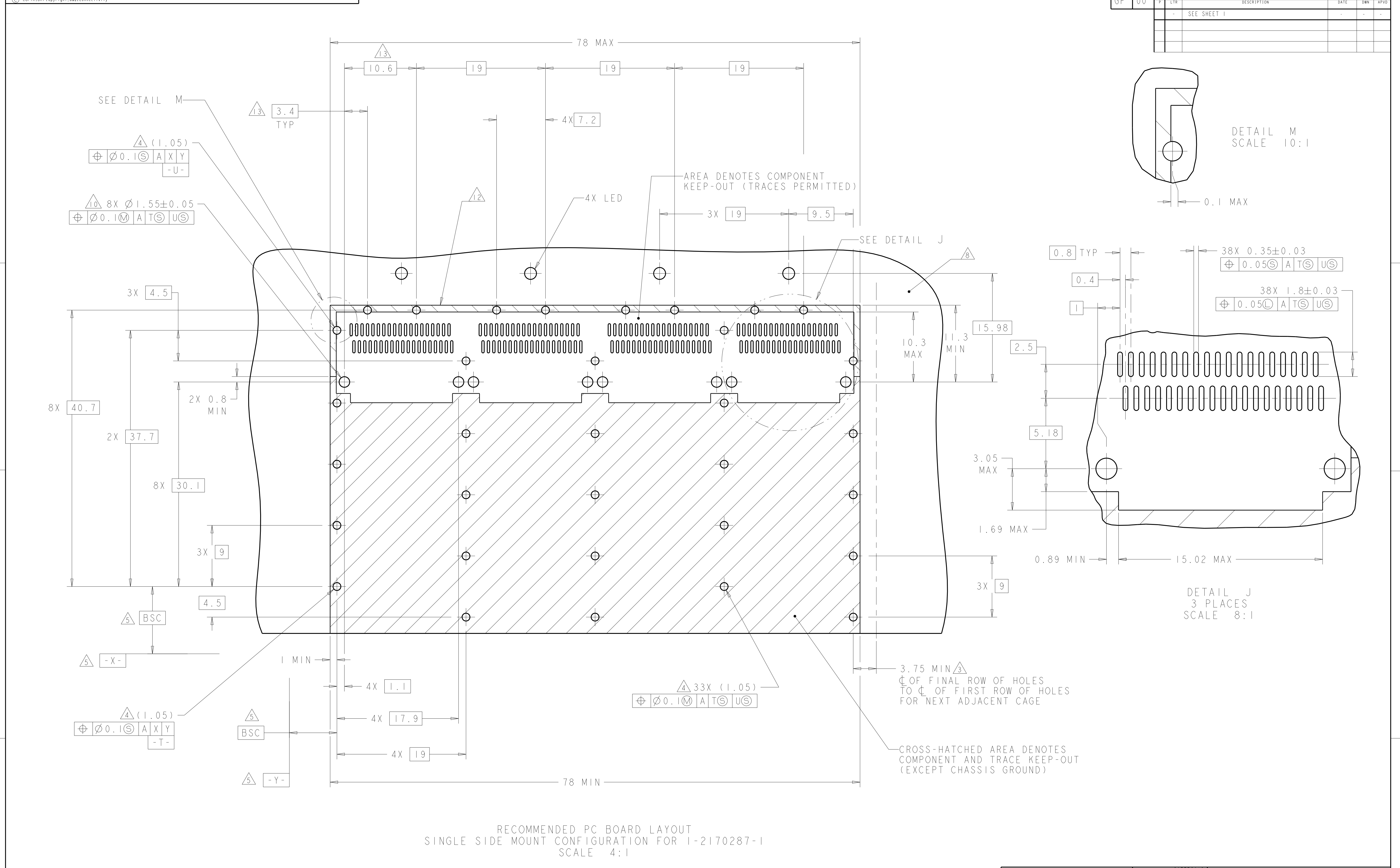
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ±.35 4 PLC ±.35		PRODUCT SPEC	
		ANGLES		APPLICATION SPEC	
MATERIAL		FINISH		WEIGHT	
-		-		-	
		Customer Drawing		SCALE 4:1 SHEET 4 OF 8 REV 10	



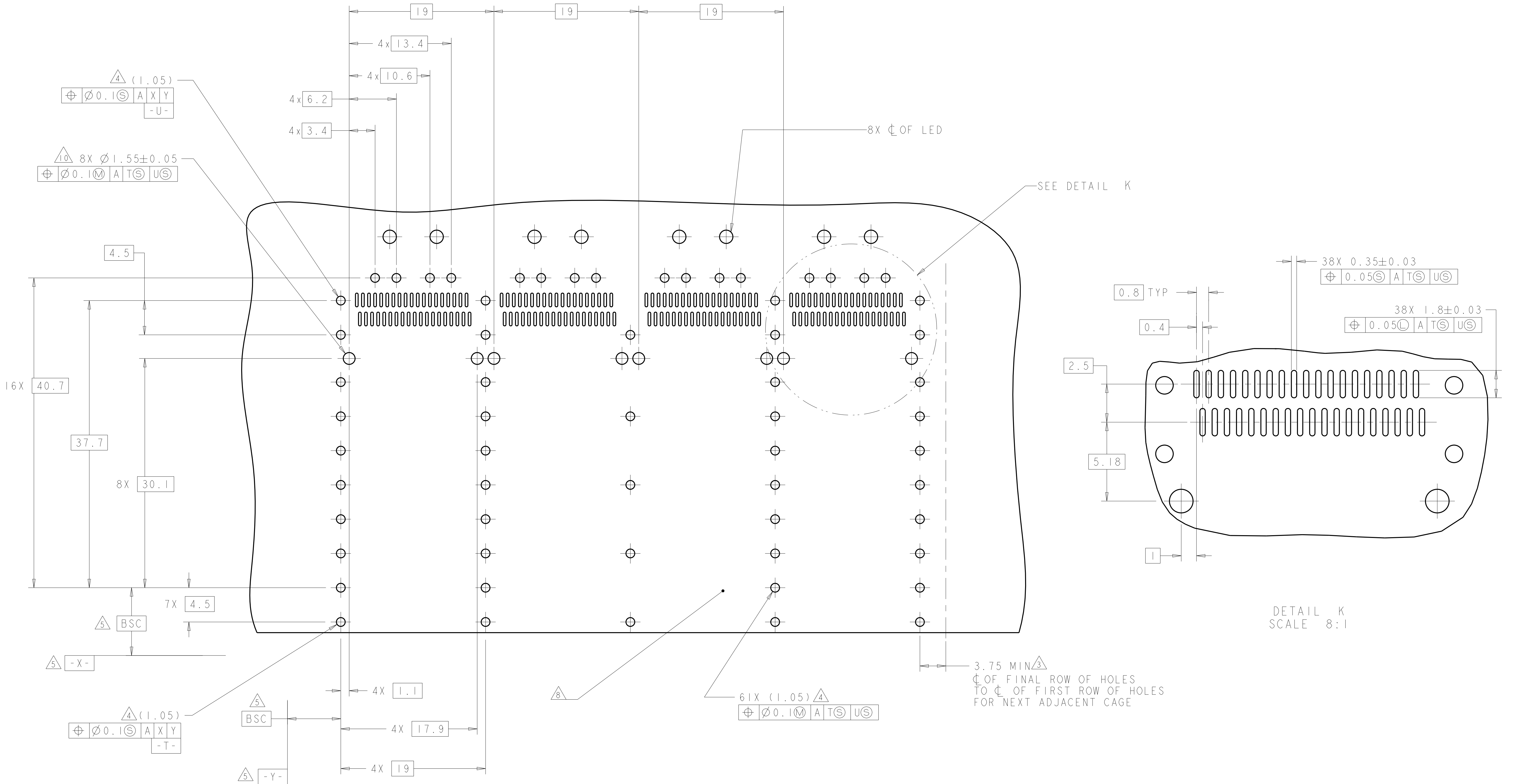
DETAIL J
3 PLACES
SCALE 8:1

4805 (3/11)





LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-		SEE SHEET 1		-	-	-	



RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR COMPONENT AND TRACE KEEP-OUTS
SCALE 4:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 29FEB2012	 TE Connectivity	
		CHK DENNY ZHU 29FEB2012		
DIMENSIONS: mm		APVD ALEY CAI 29FEB2012		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP
		PRODUCT SPEC 108-2286		
MATERIAL -	FINISH -	APPLICATION SPEC 114-13217		SIZE CAGE CODE DRAWING NO A100779C=2170287
		WEIGHT -		
Customer Drawing		SCALE 4:1	SHEET 8 OF 8	REV 10

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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www.lifeelectronics.ru