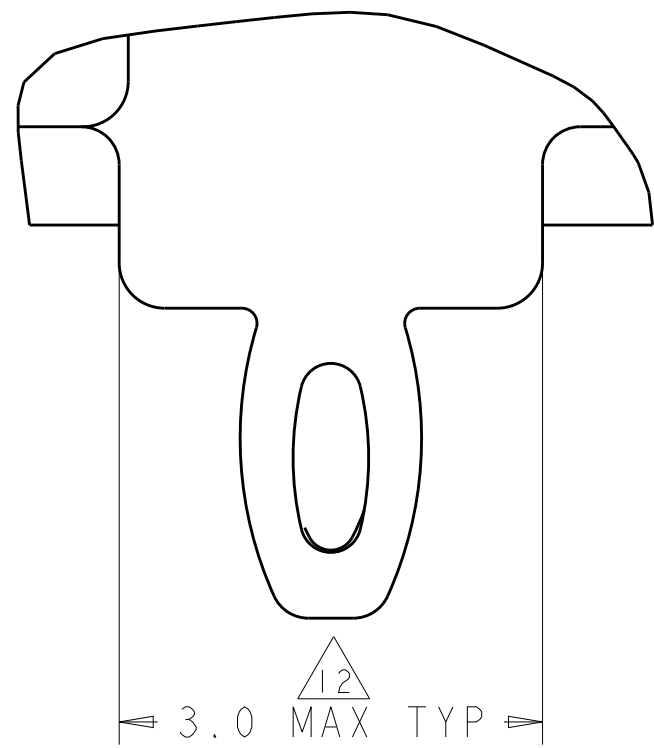


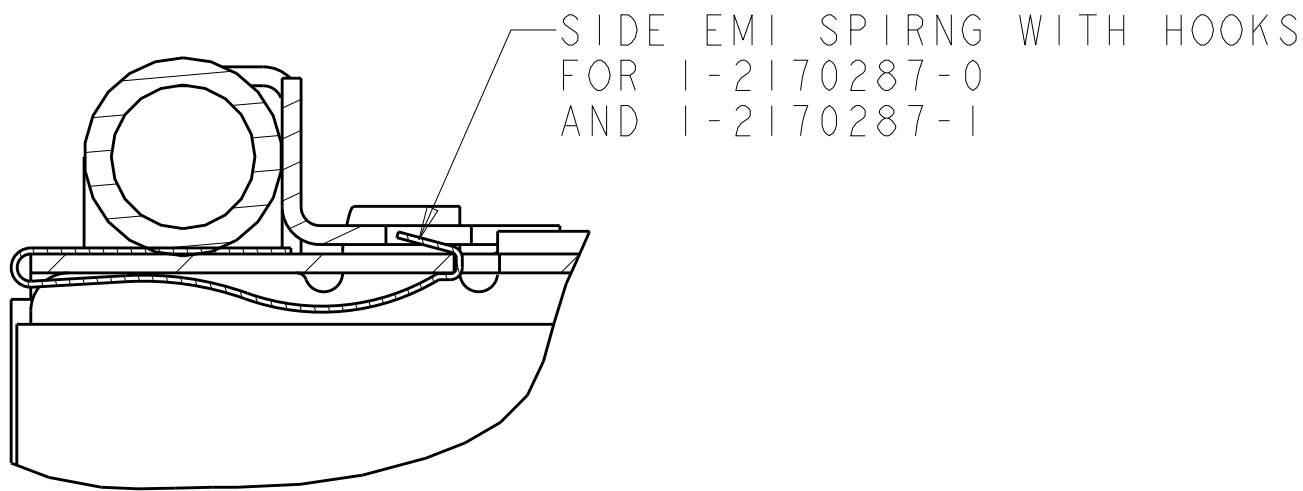
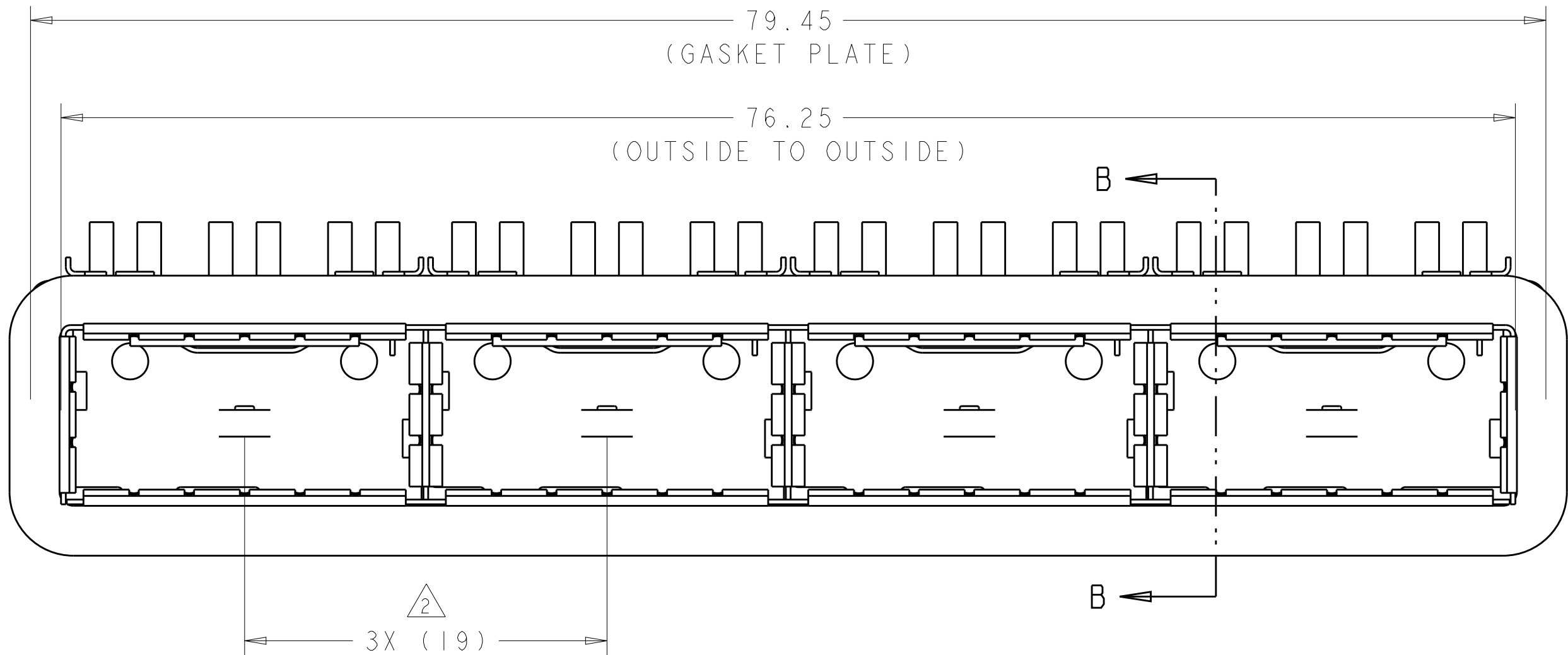
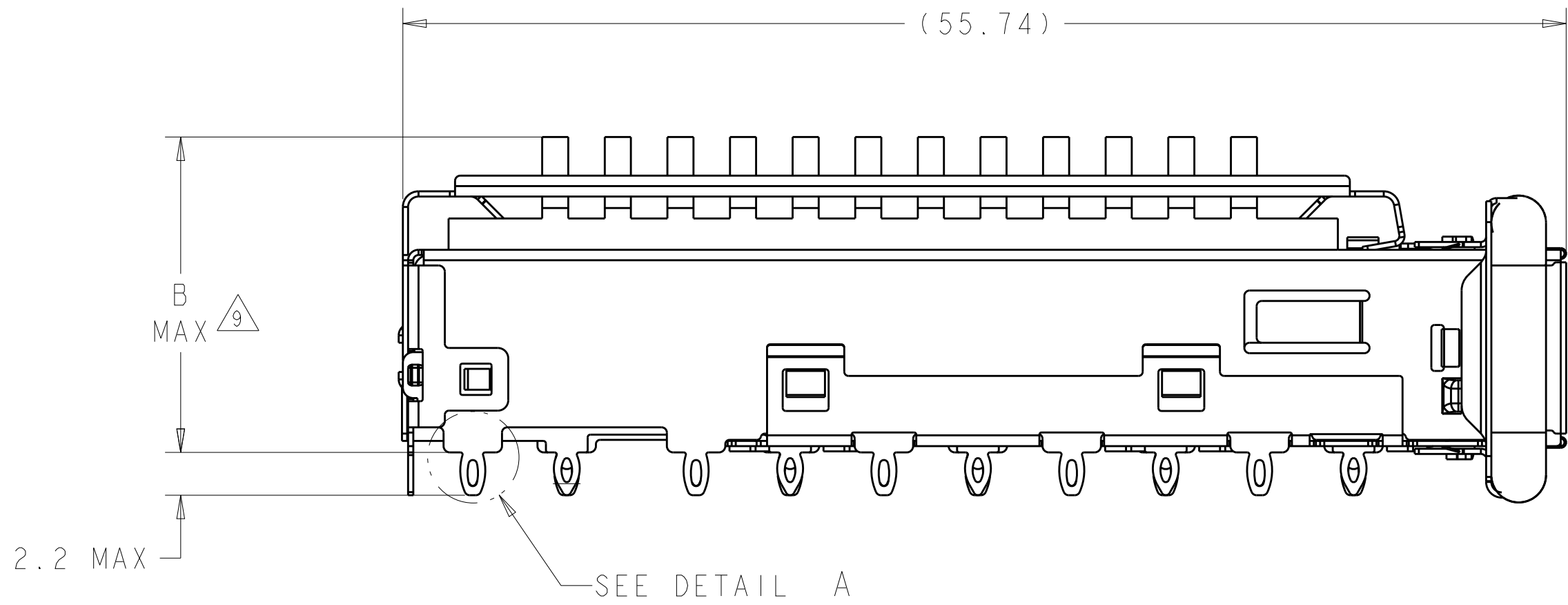
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASE PER ECO-16-002978	3MAR2016	RG	SH



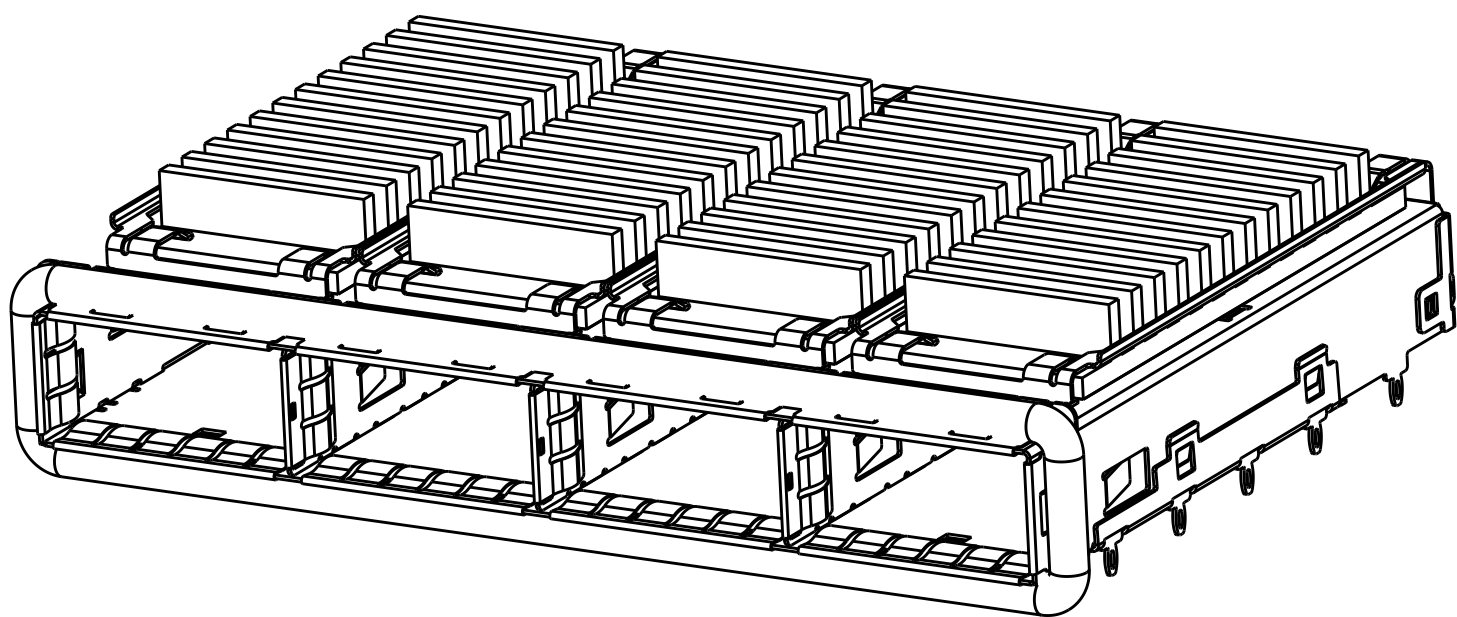
DETAIL A
SCALE 20:1

- ⚠ 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
- ⚠ PITCH BETWEEN PORTS OF ONE 1X4 CAGE ASSEMBLY.
- ⚠ SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- ⚠ REFERENCE APPLICATION SPEC 114-13217 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- ⚠ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⚠ 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.
- ⚠ HEAT SINKS, LIGHT PIPES, AND HEAT SINK CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
- ⚠ DATUM -A- IS TOP SURFACE OF PC BOARD.
- ⚠ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- ⚠ UNPLATED THRU HOLE.

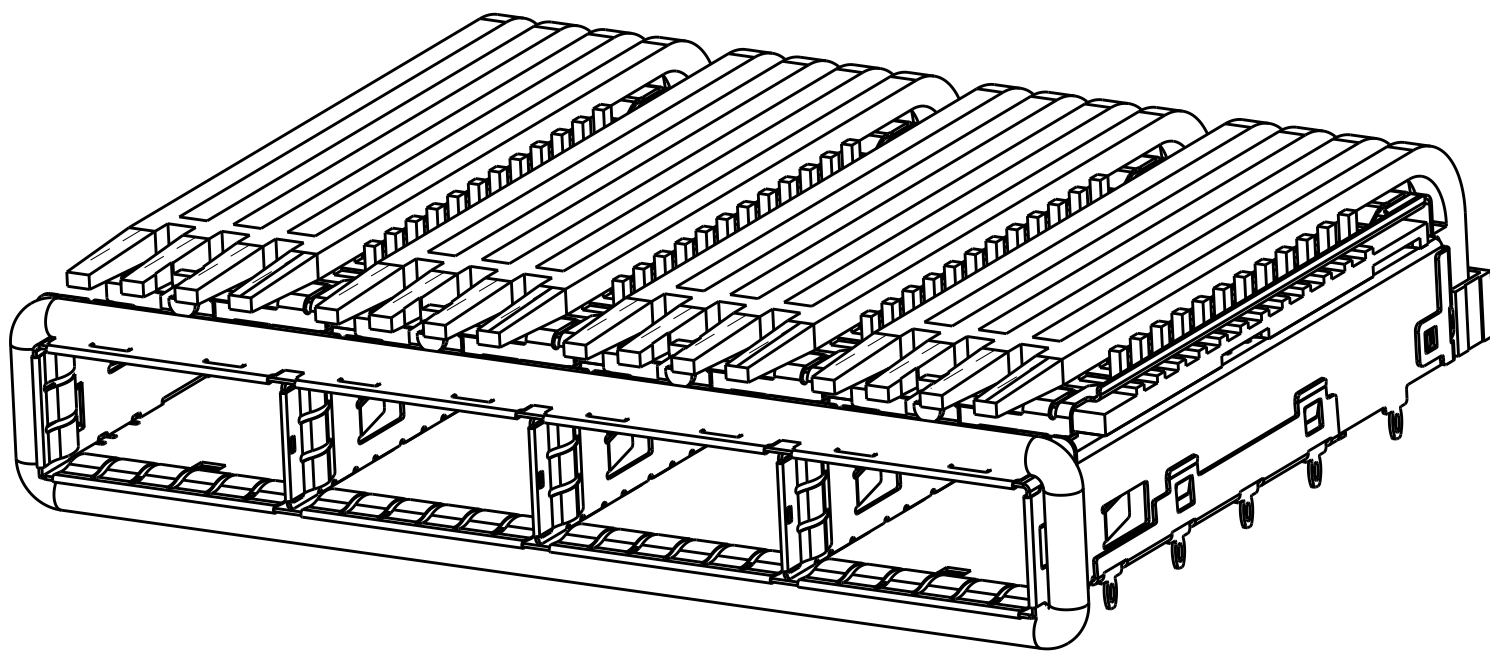
11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- ⚠ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL A, CONTACT PC BOARD.
- ⚠ BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- ⚠ DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.
- ⚠ REFERENCE APP SPEC 114-13217 FOR GASKET THICKNESS CALCULATION.
- ⚠ EMI SPRING FINISH: TIN PLATING OVER NICKEL
HEAT SINK FINISH: ANODIZED OR NICKEL PLATING.



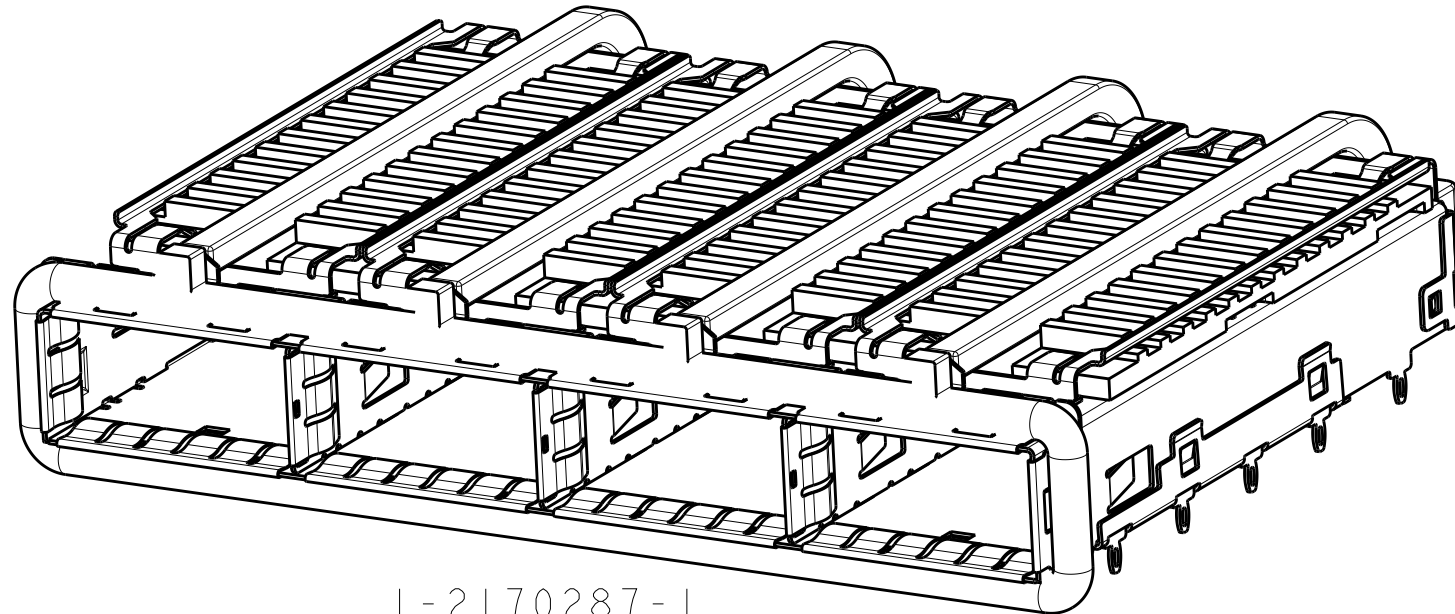
SECTION B-B
SCALE 10:1



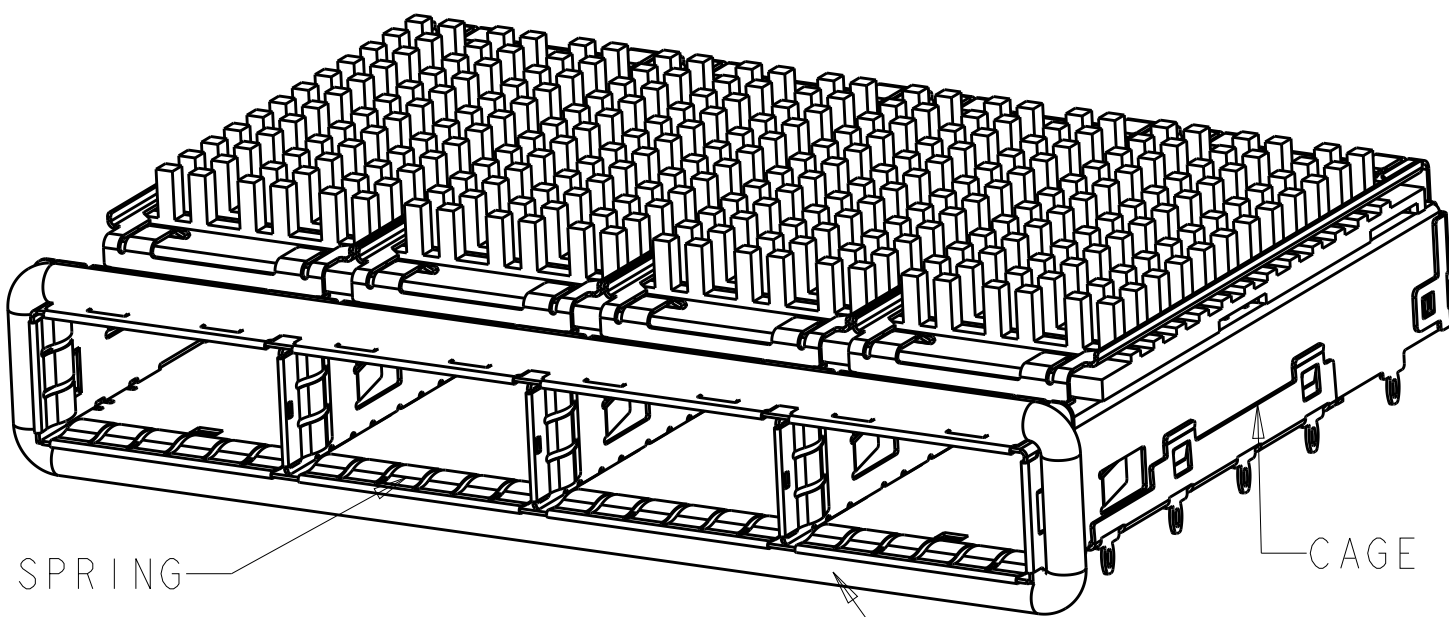
2170287-4, 2170287-5, 2170287-6
SCALE 2:1



1-2170287-0
SCALE 2:1

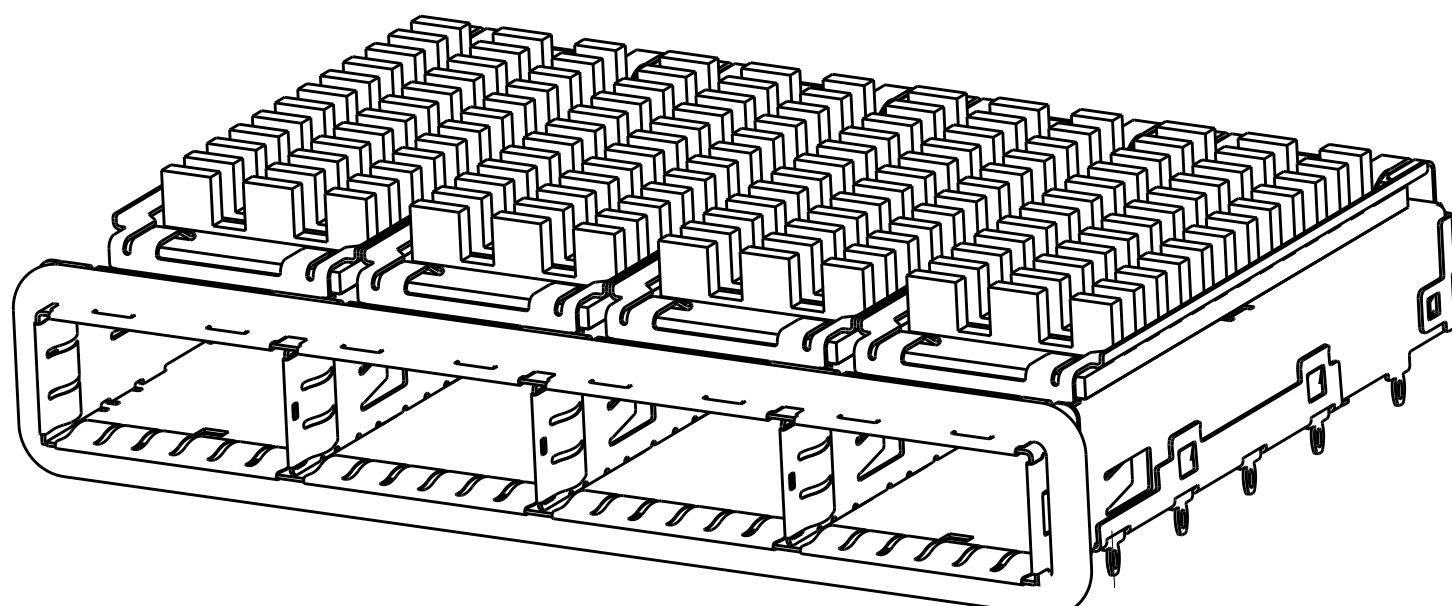


1-2170287-1
SCALE 2:1



EMI SPRING
CAGE ASSEMBLY
ELASTOMERIC GASKET

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

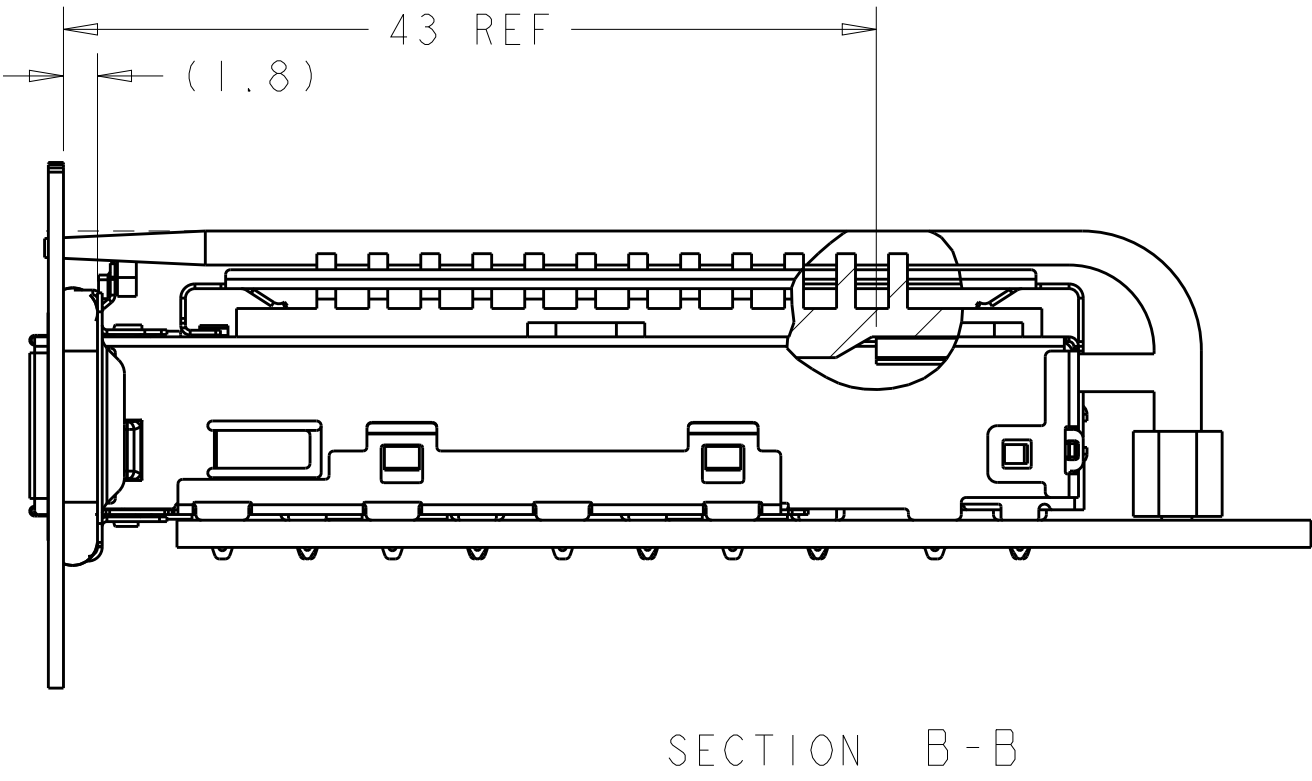
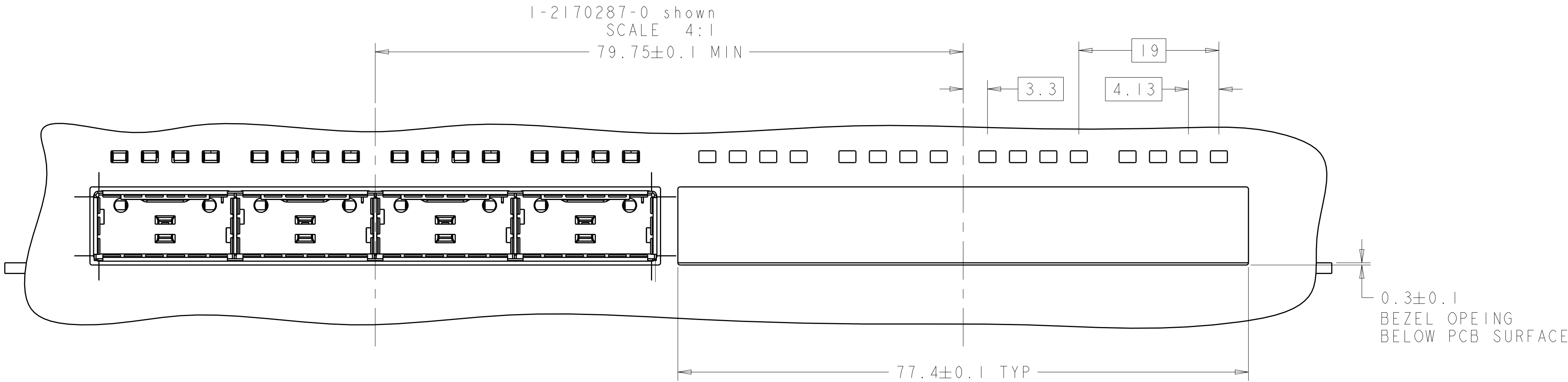
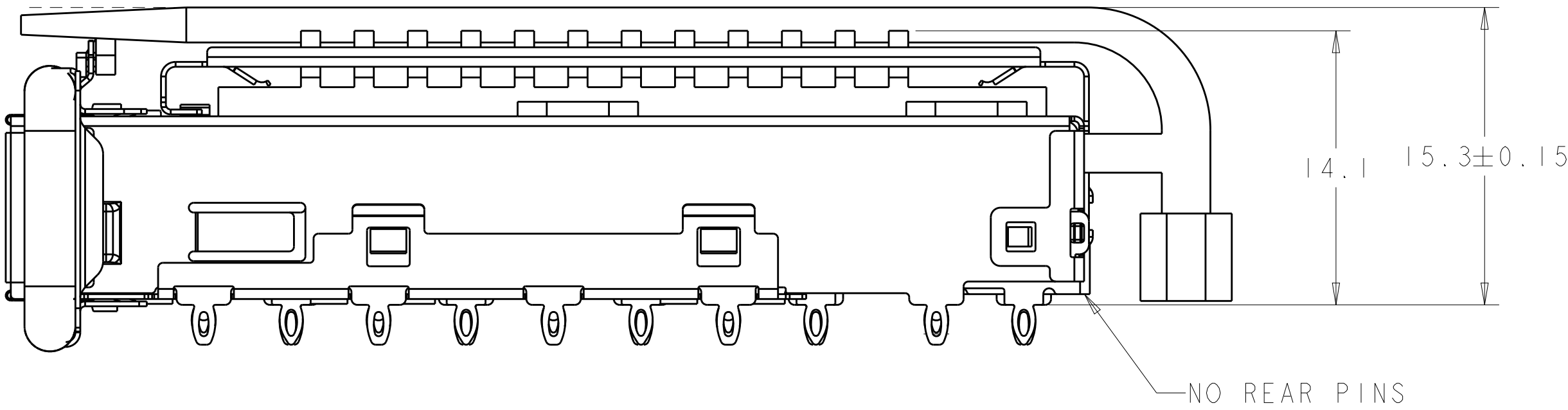
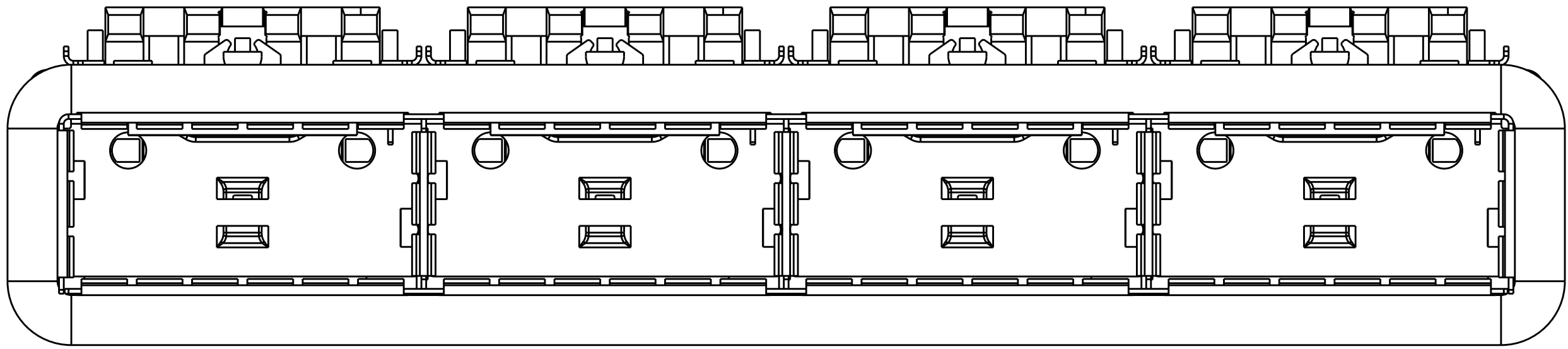


2170287-7, 2170287-8, 2170287-9
SCALE 2:1

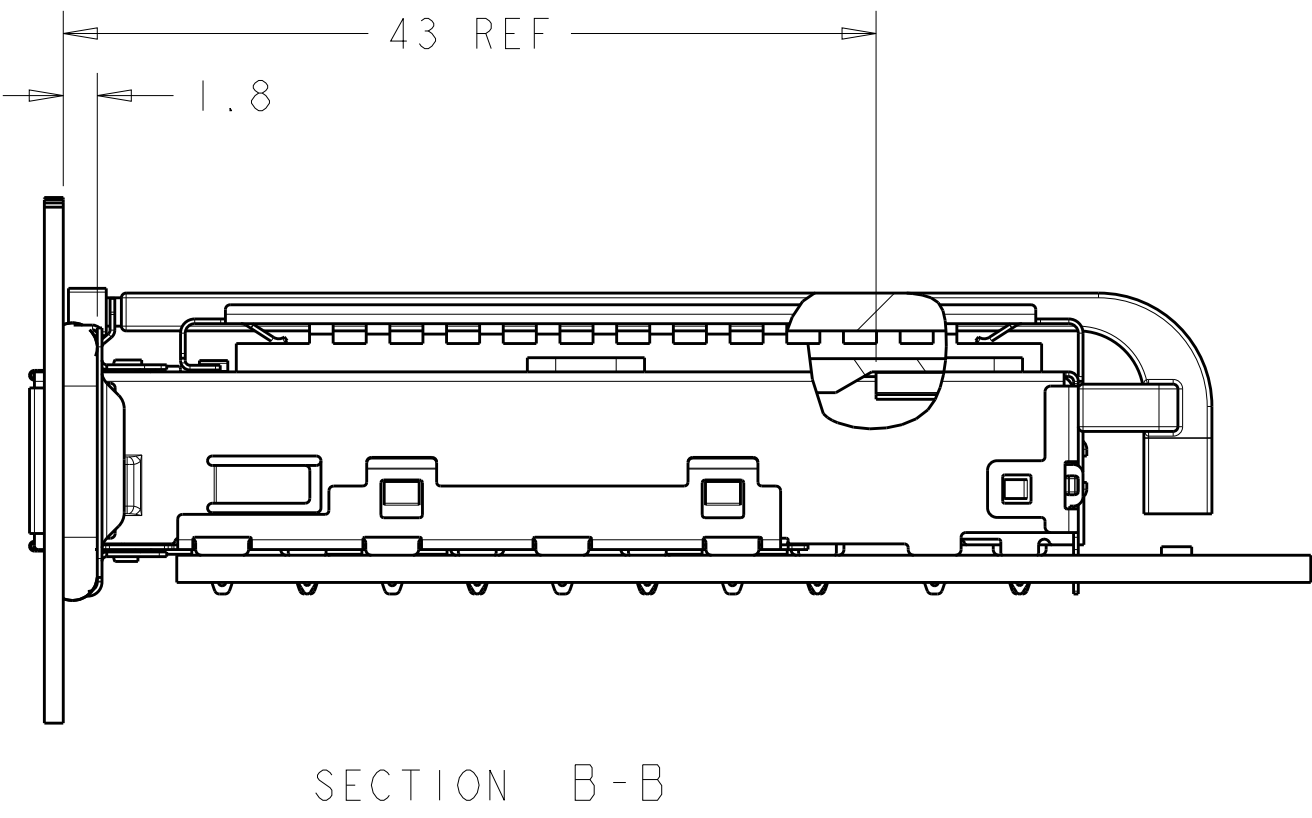
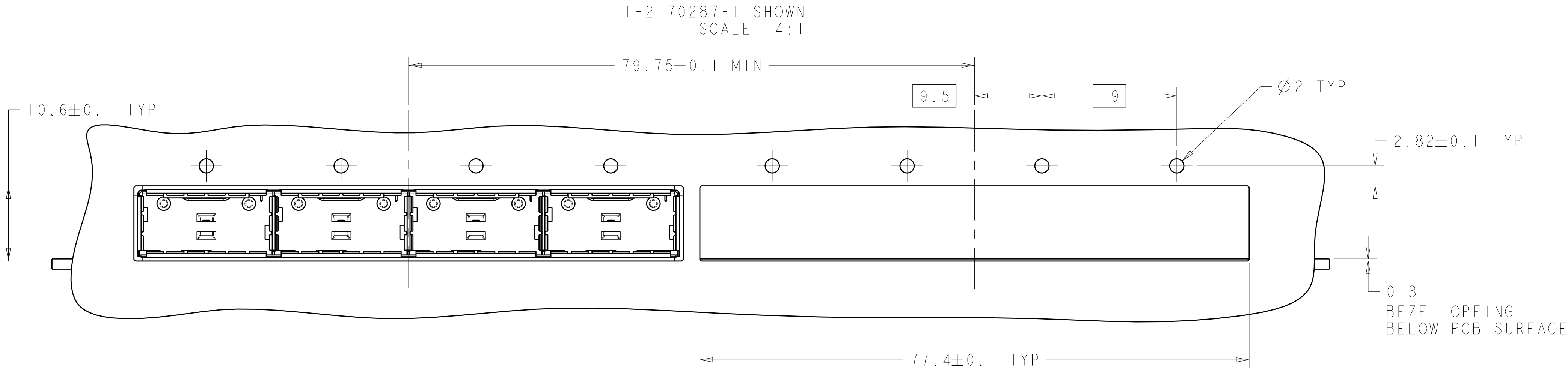
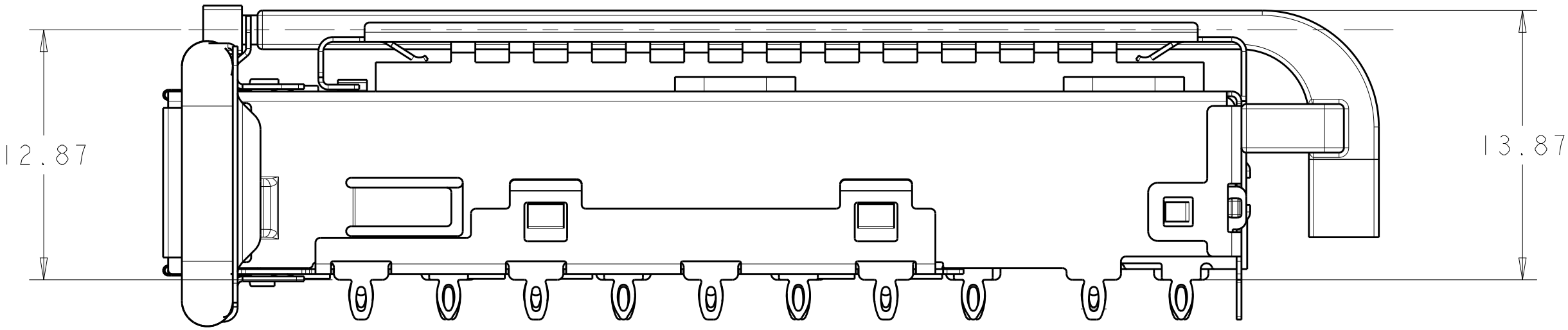
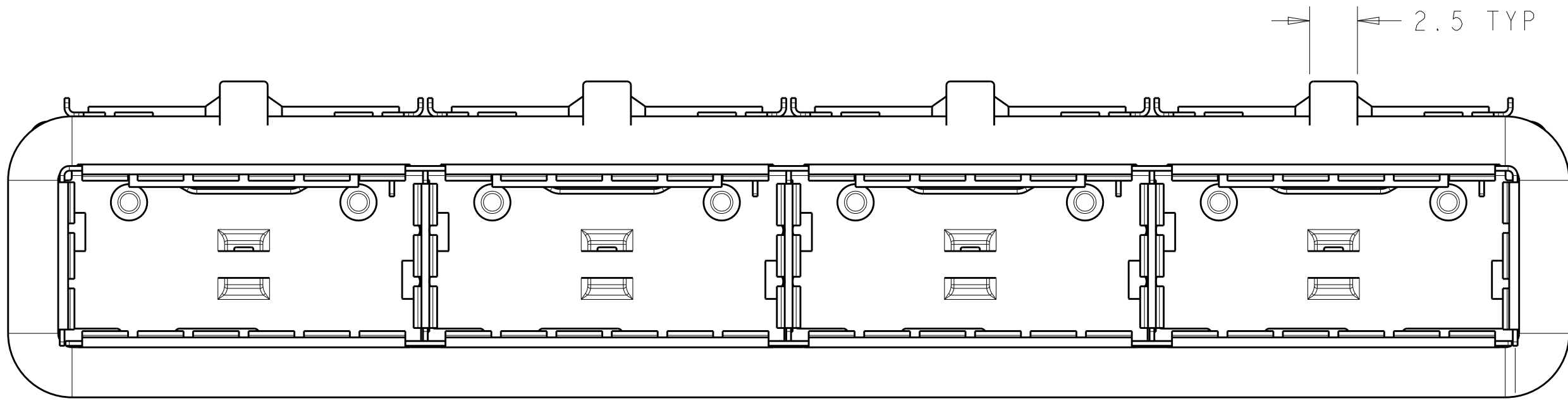
⚠		
13.7	PCI(FIN TYPE)	1-2170287-1
15.0	CUSTOMIZED HEAT SINK	1-2170287-0
23.0	NETWORKING(FIN TYPE)	2170287-9
16.0	SAN(FIN TYPE)	2170287-8
13.7	PCI(FIN TYPE)	2170287-7
23.0	NETWORKING(FIN TYPE)	2170287-6
16.0	SAN(FIN TYPE)	2170287-5
13.7	PCI(FIN TYPE)	2170287-4
23.0	NETWORKING(PIN TYPE)	2170287-3
16.0	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 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 ±0.25 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±.25		PRODUCT SPEC	
MATERIAL		FINISH		APPLICATION SPEC	
⚠		⚠		108-2286	
				114-13217	
				WEIGHT	
				A100779C=2170287	
				CUSTOMER DRAWING	
				RESTRICTED TO	
				SCALE 4:1 SHEET 1 OF 8 REV A	

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



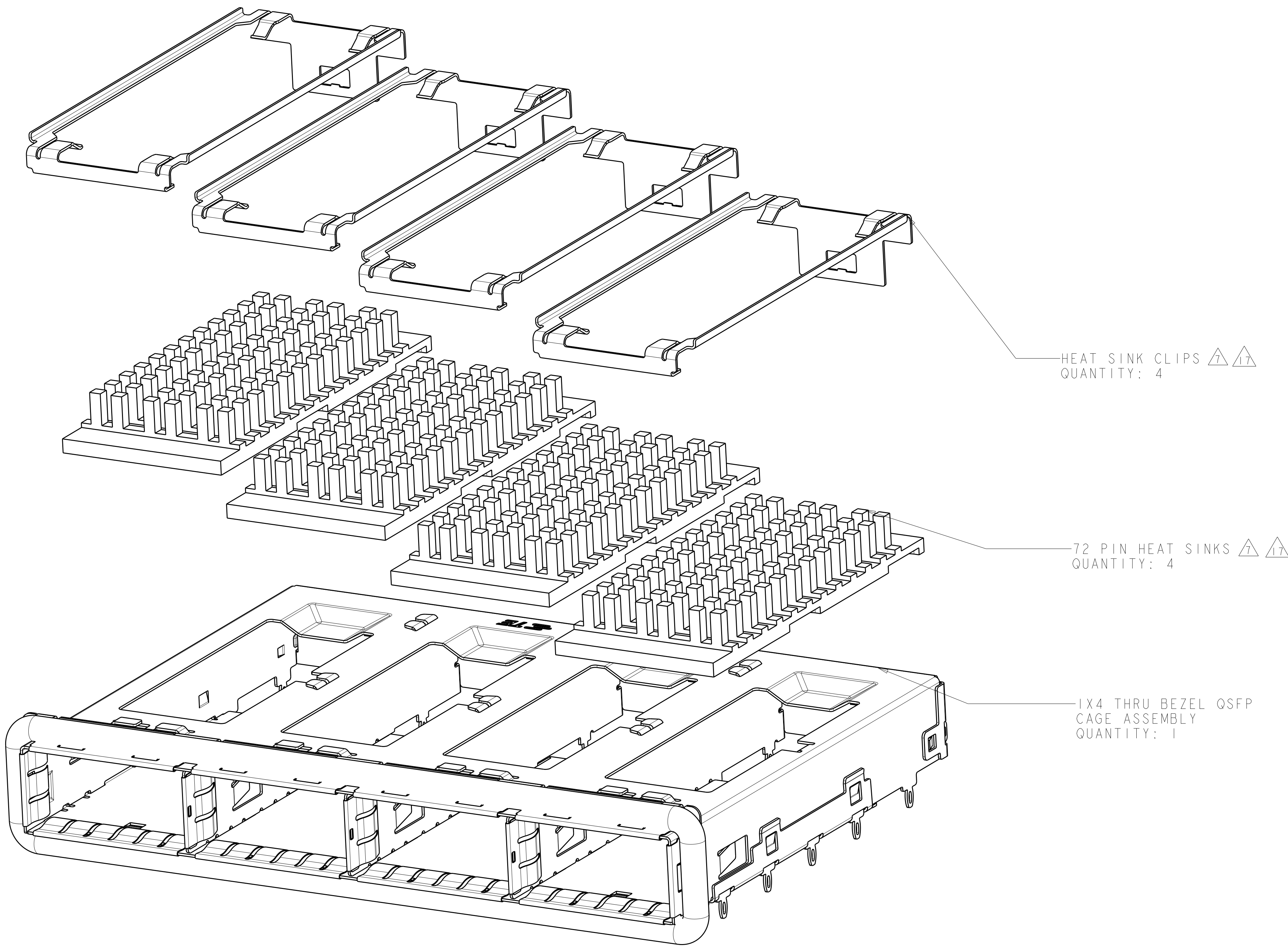
1-2170287-0
ONE SIDED CONFIGURATION
SCALE 5:2



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

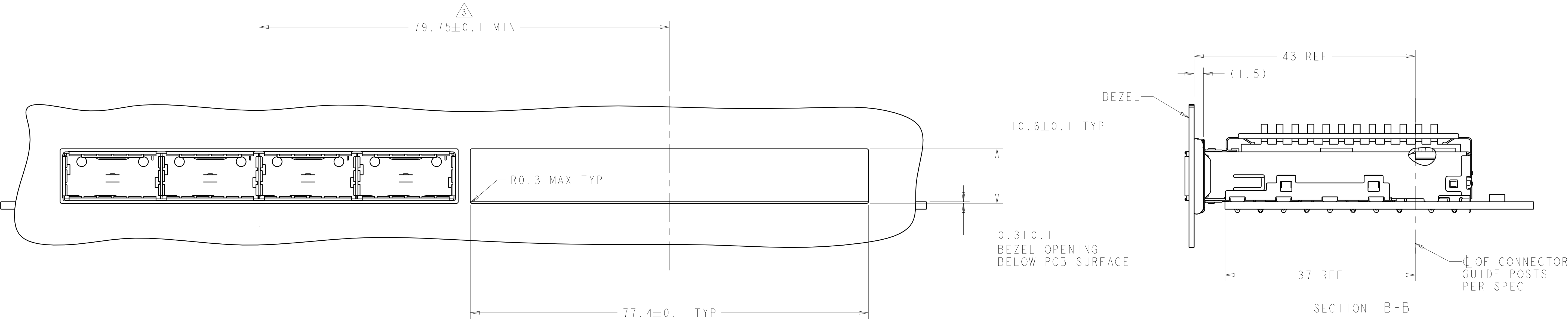
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217		SIZE CAGE CODE DRAWING NO A100779C=2170287	
MATERIAL		WEIGHT		RESTRICTED TO	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 2 OF 8 REV A	

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

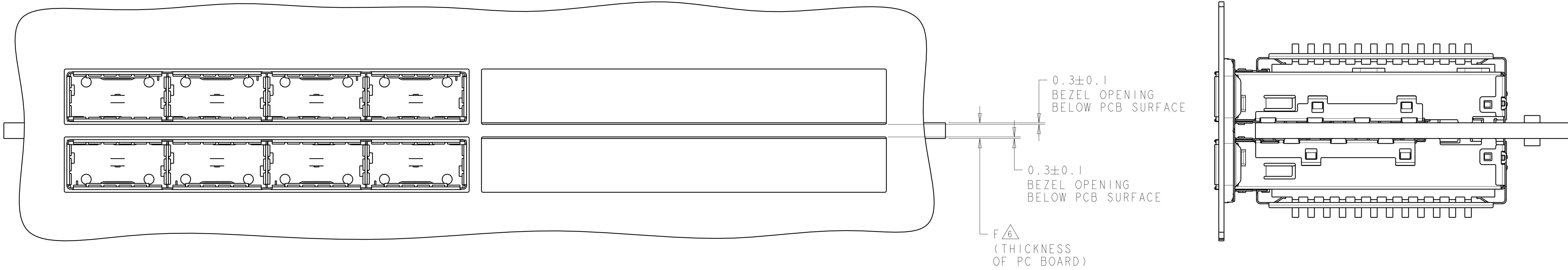


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	KINSEN SUN	29FEB2012	 TE Connectivity		
		CHK	DENNY ZHU	29FEB2012			
		APVD	ALEX CAI	29FEB2012	NAME		
					1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP		
					SIZE		
					A100779C=2170287		
					RESTRICTED TO		
					-		
					CUSTOMER DRAWING		
					SCALE		
					1:1		
					SHEET		
					3		
					OF		
					8		
					REV		
					A		

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

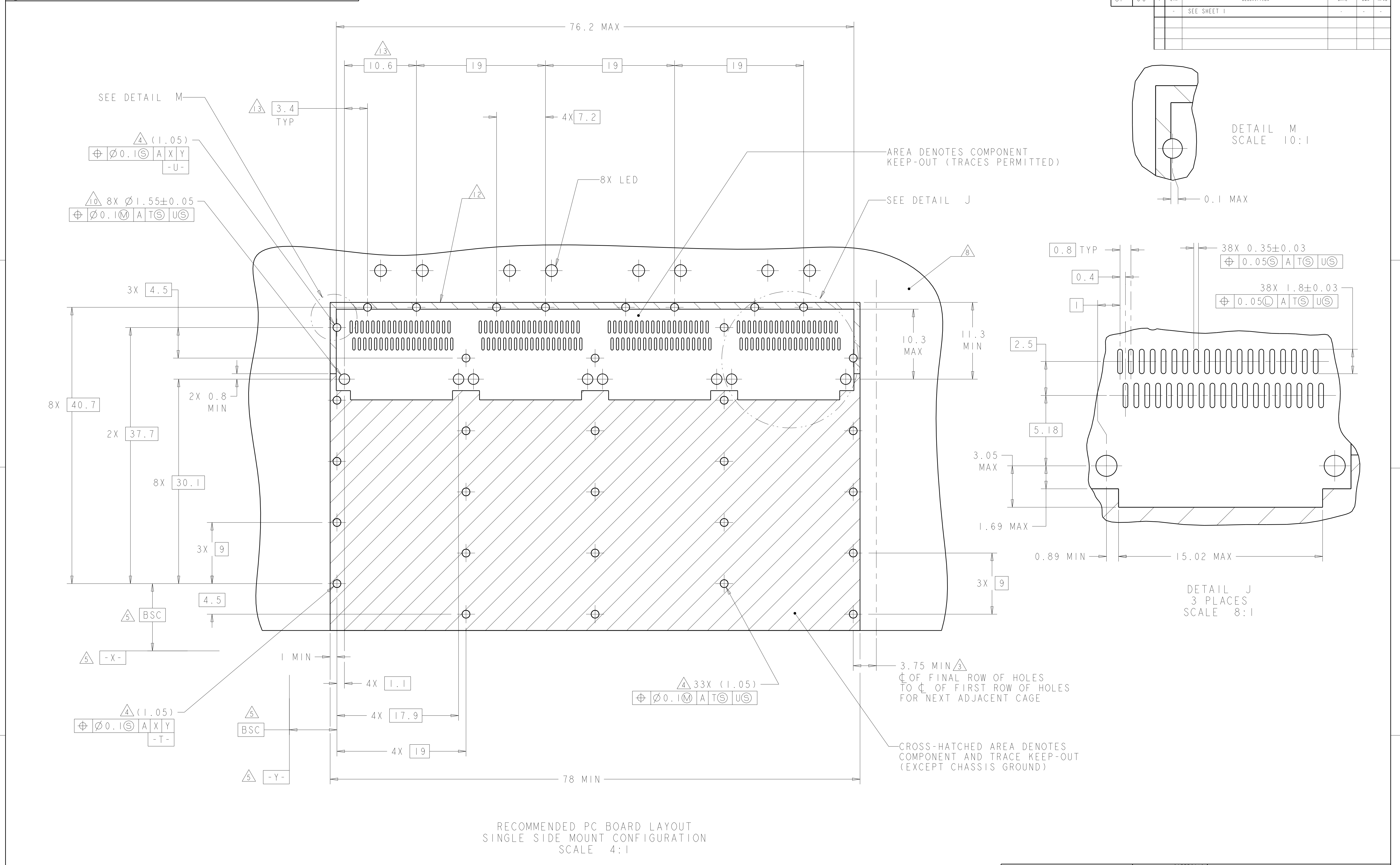


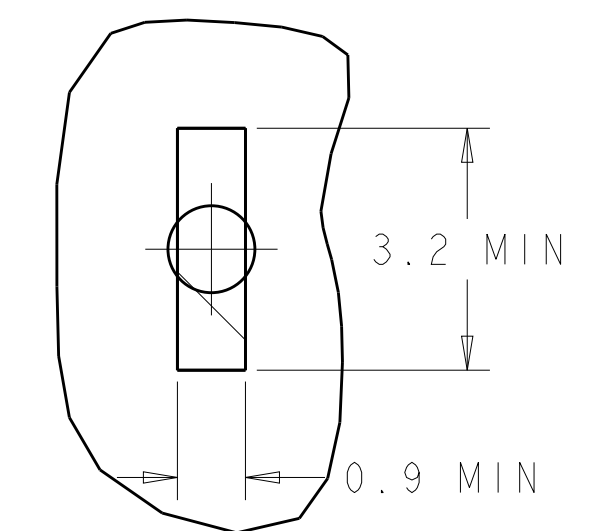
ONE SIDED CONFIGURATION
SCALE 5:2



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 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 ±	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
	1 PLC ±0.35	108-2286	A100779C=2170287	
	2 PLC ±0.25	APPLICATION SPEC	RESTRICTED TO	
	3 PLC ±	114-13217	-	
MATERIAL	FINISH	WEIGHT	SCALE 1:1 SHEET 4 OF 8 REV A	
-	-	-	CUSTOMER DRAWING	





Technical drawing of a mechanical part, likely a bracket or base plate, showing dimensions and tolerances.

Dimensions and Tolerances:

- Overall width: 15.02 MAX
- Overall height: 9 MAX
- Top edge thickness: 0.8 TYP
- Top edge thickness: 0.4
- Top edge thickness: 1
- Top edge thickness: 2.5
- Top edge thickness: 5.18
- Top edge thickness: 0.89 MIN
- Top edge thickness: 0.35 ± 0.03
- Top edge thickness: $38X \ 1.8 \pm 0.03$
- Top edge thickness: 0.05 (L, T, U)
- Top edge thickness: 0.05 (L, T, U)

Material and Surface Finish:

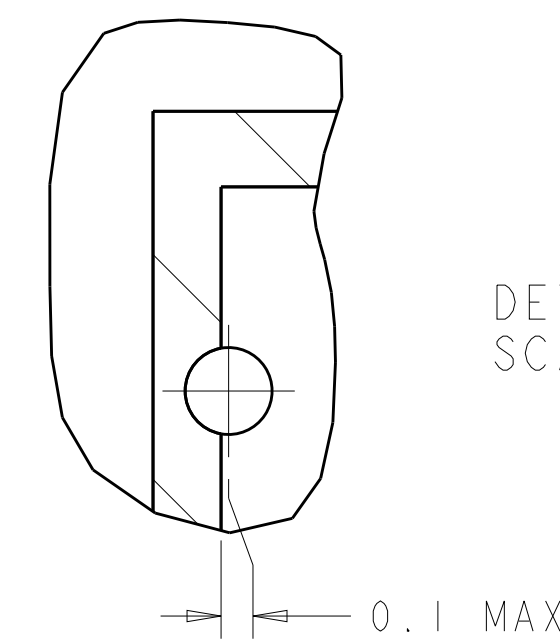
- Material: $38X$
- Surface finish: 0.05 (L, T, U)

Other Features:

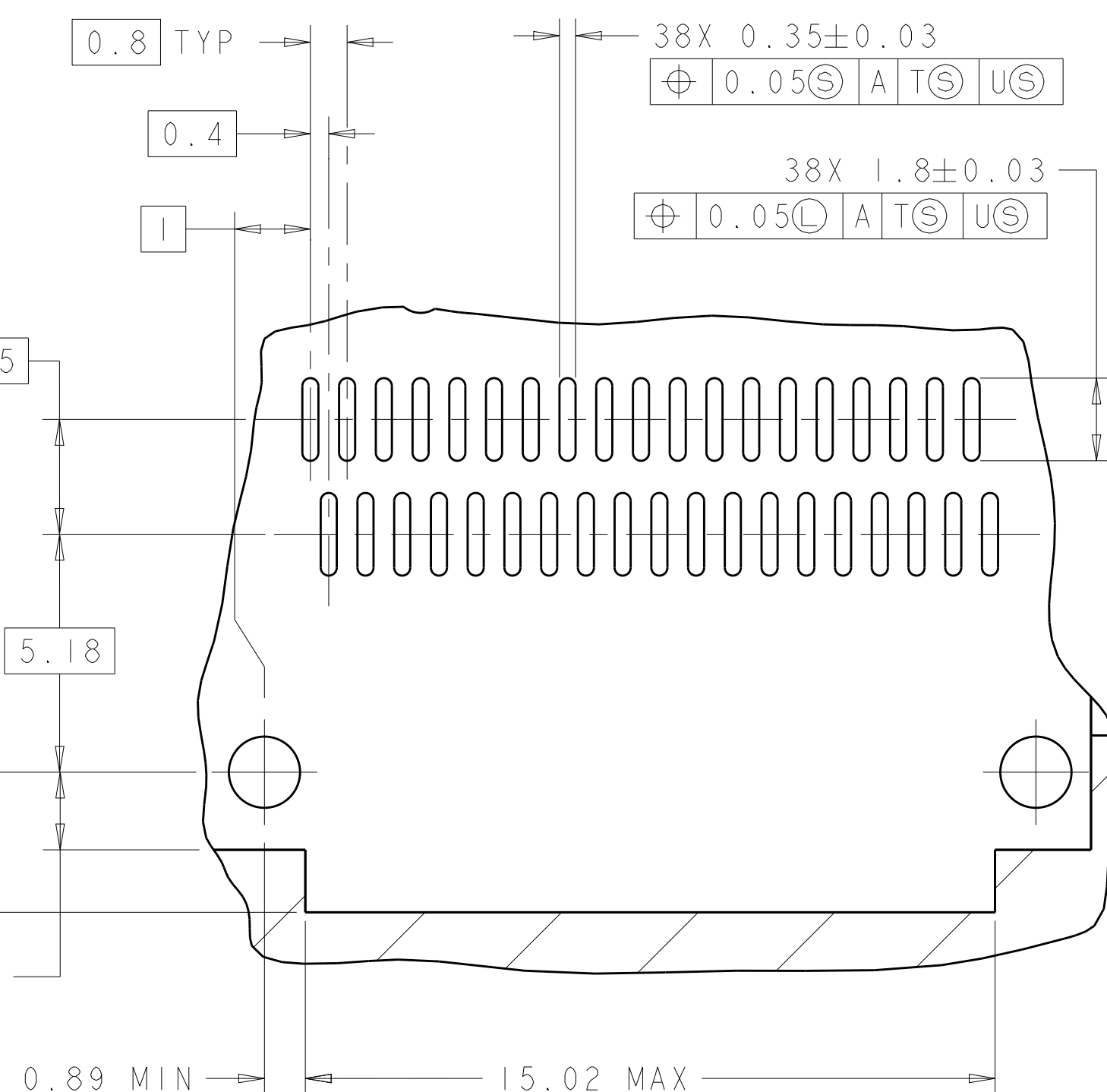
- Two circular holes on the top edge.
- Two circular holes on the bottom edge.
- Two circular holes on the left side.
- Two circular holes on the right side.
- Two circular holes on the top edge.
- Two circular holes on the bottom edge.
- Two circular holes on the left side.
- Two circular holes on the right side.

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

4805 (3/11)



DETAIL M
SCALE 10:1

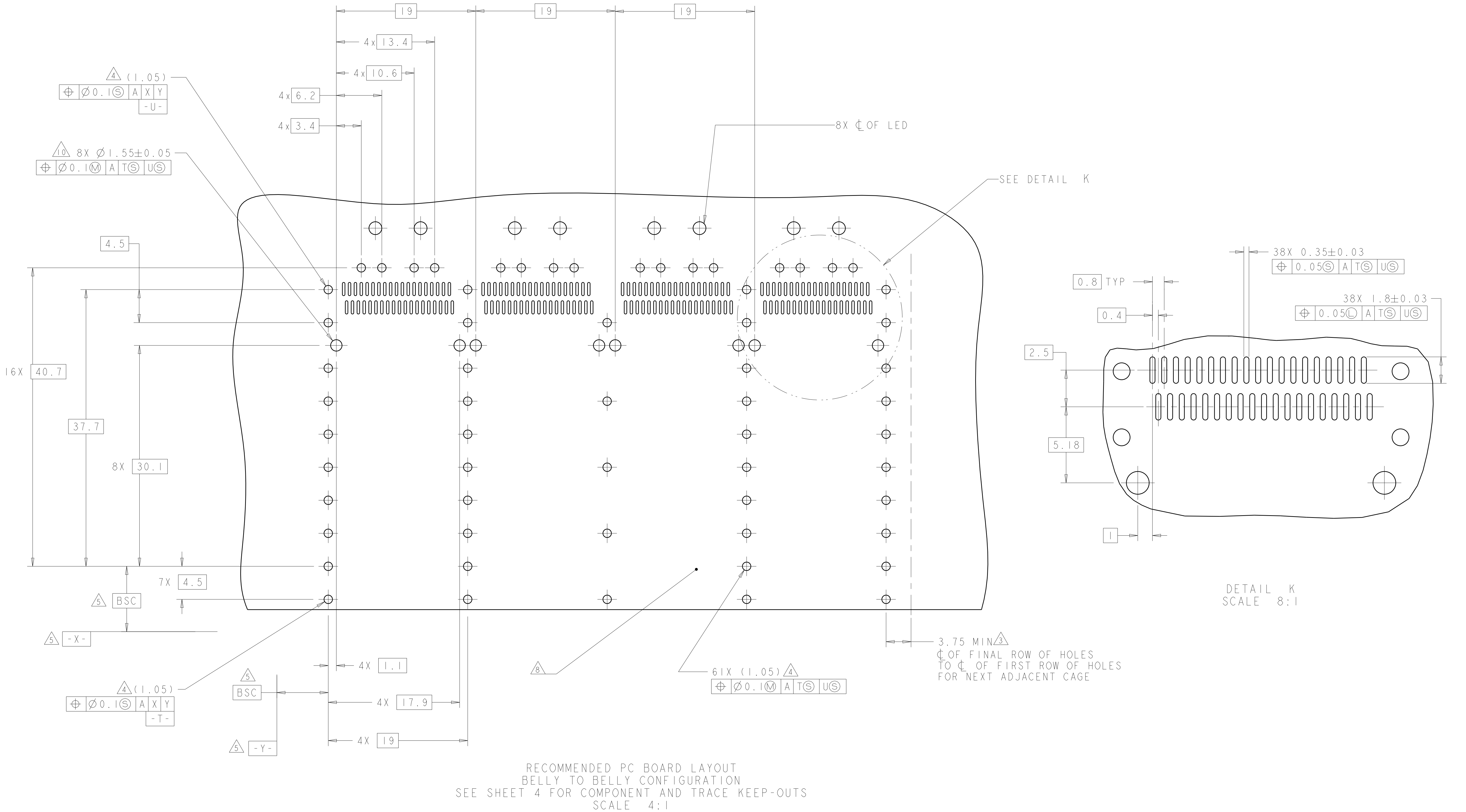


DETAIL J
3 PLACES
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION FOR I-2170287-1
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN	29FEB2012	 TE Connectivity													
		CHK DENNY ZHU	29FEB2012														
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPR ALEX CAI	NAME		IX4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSPF										
mm				PRODUCT SPEC													
		1 P L C ± .		108-2286		APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
		2 P L C ± .00.35															
		3 P L C ± .															
		4 P L C ± .															
ANGLES		FINISH		114-13217		WEIGHT		A1		00779		C=2170287		-			
MATERIAL						CUSTOMER DRAWING		SCALE		1 : 1		SHEET		7 OF 8		REV Δ	
-		-		-													

LOC		DIST		REVISIONS					
GP		00		P	LTR	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 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 ANGLES FINISH		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO	
-		-		A100779C=2170287	
CUSTOMER DRAWING		SCALE 1:1		SHEET 8 OF 8 REV A	

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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