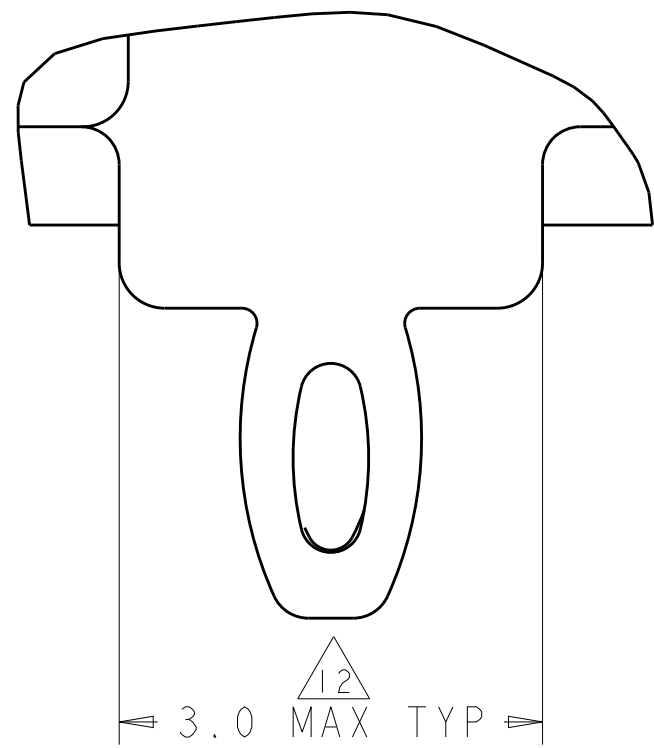


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASE PER ECO-16-002978	3MAR2016	RG	SH

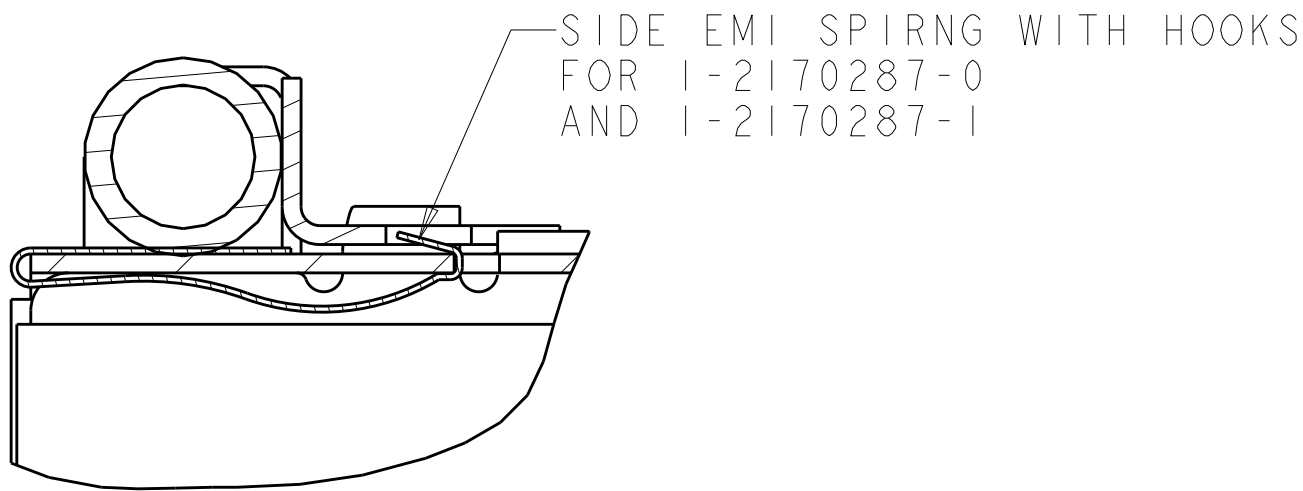
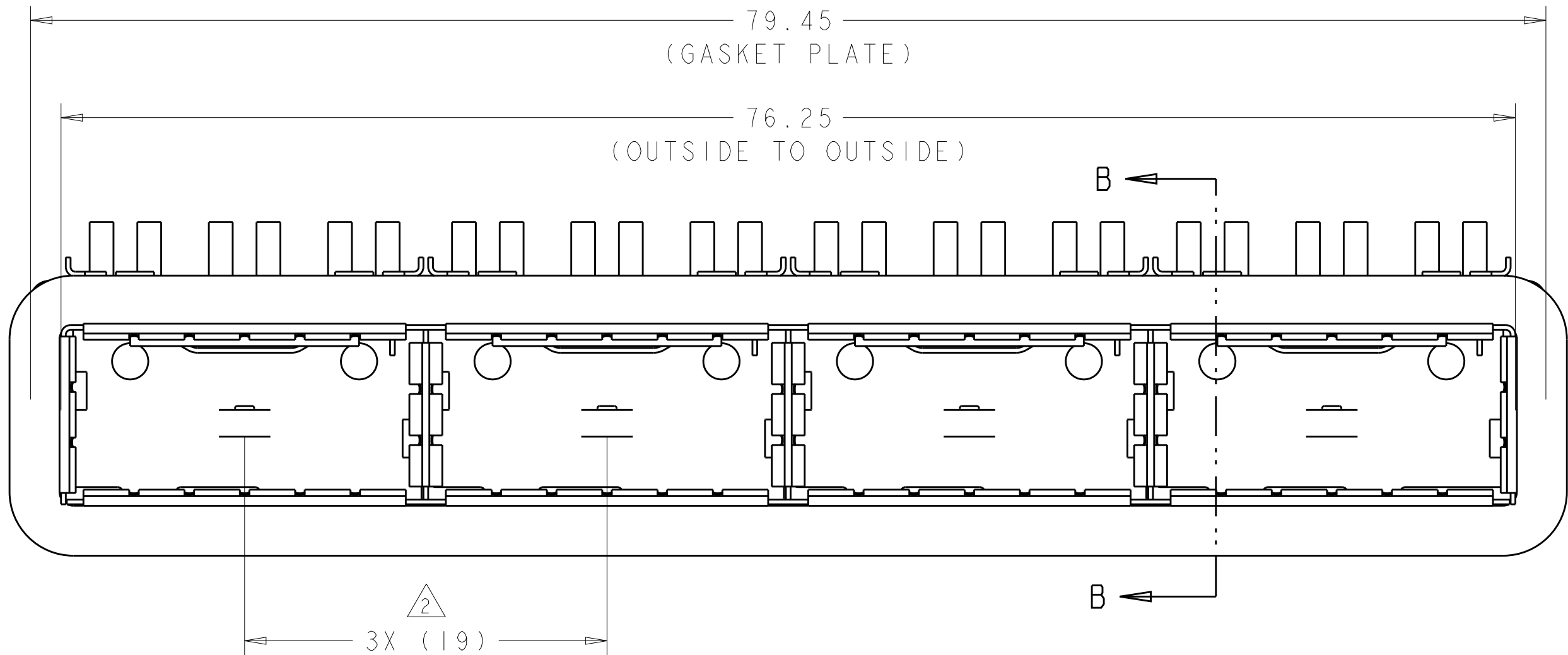
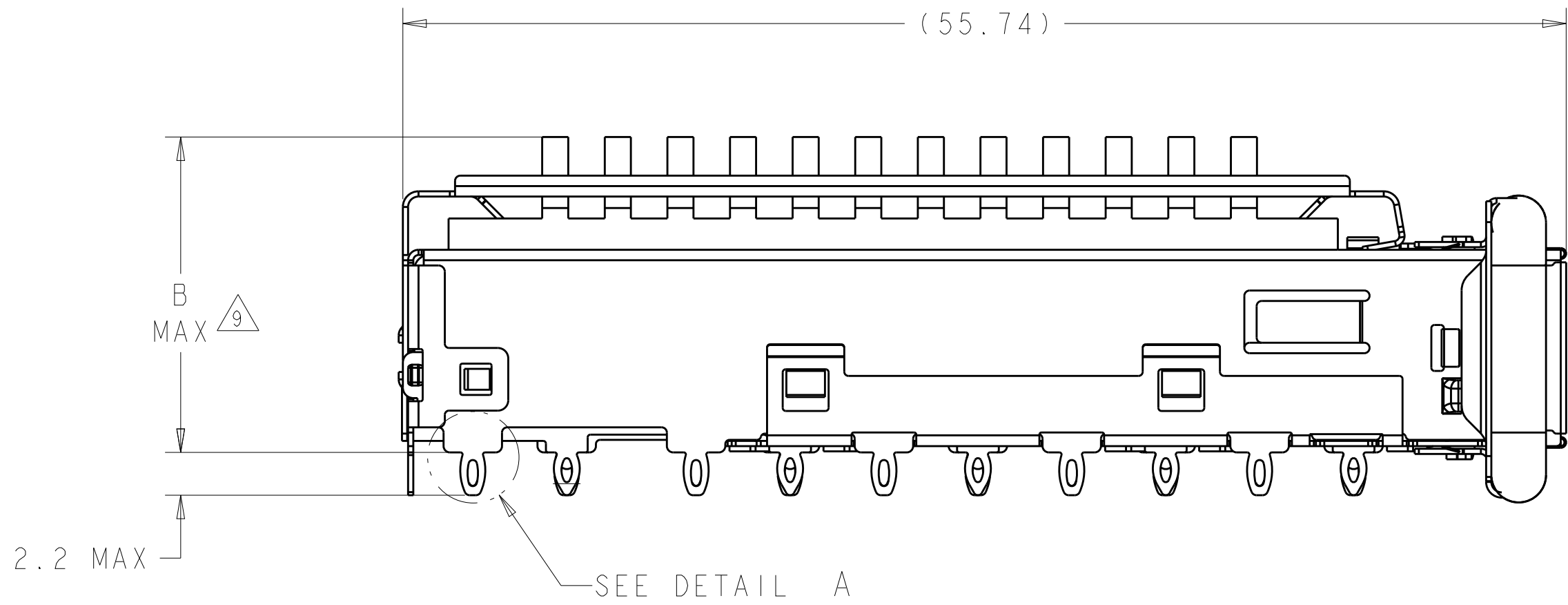


DETAIL A
SCALE 20:1

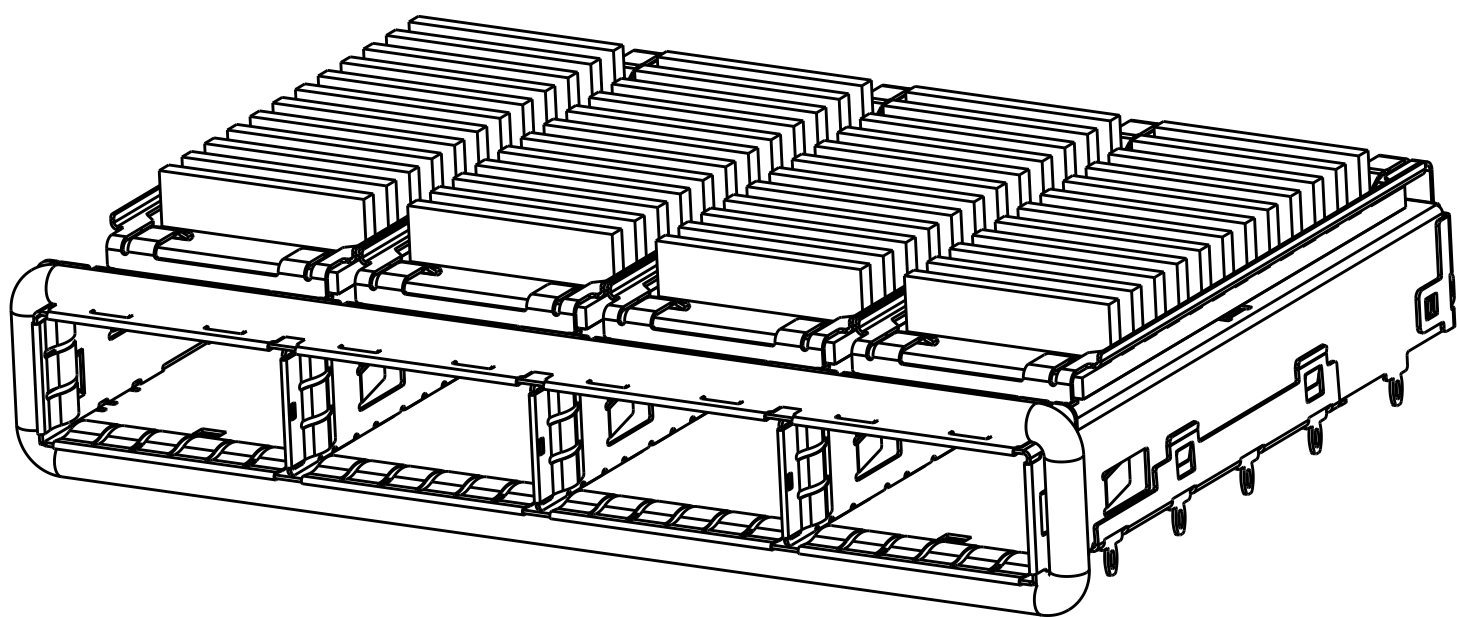
- 1 CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
EMI GASKET MATERIAL: CONDUCTIVE RUBBER,UL 94V-0 RATED
EMI GASKET PLATE MATERIAL: STAINLESS STEEL

- 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.

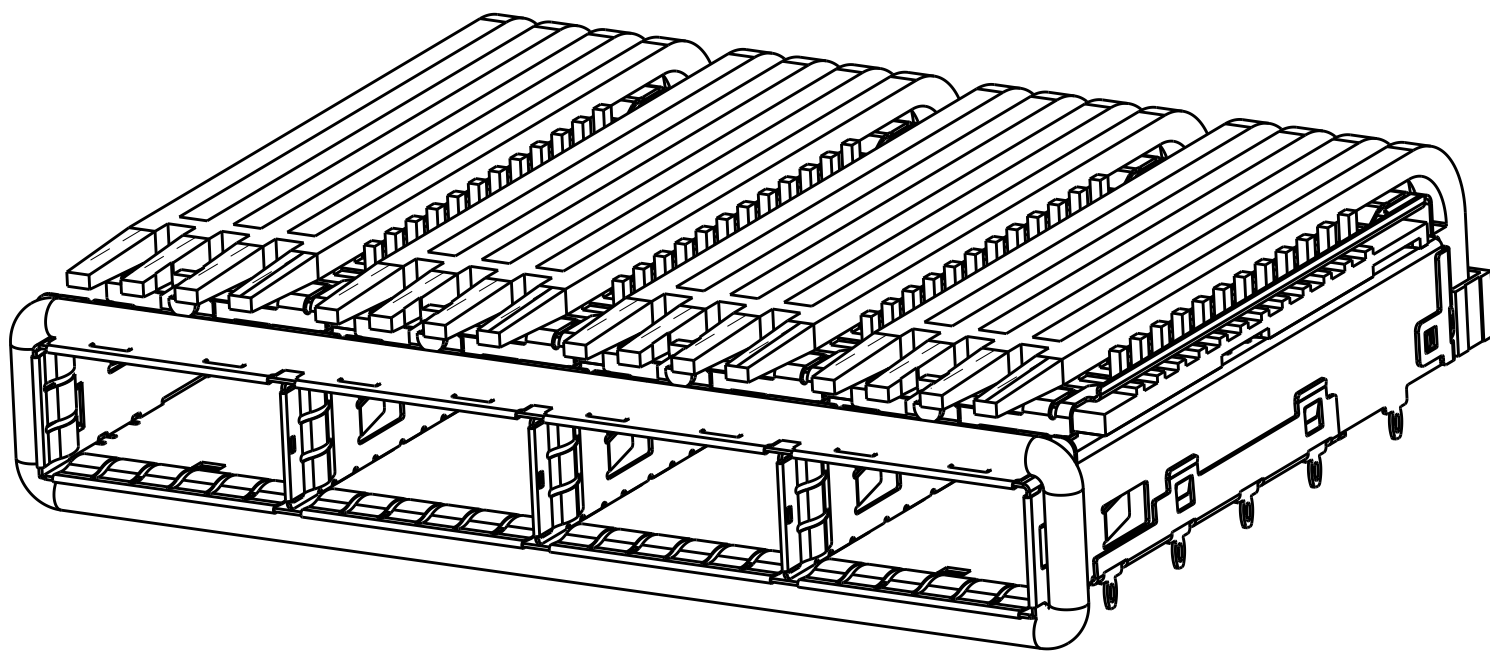
11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL A, CONTACT PC BOARD.
13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
14 DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES 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.



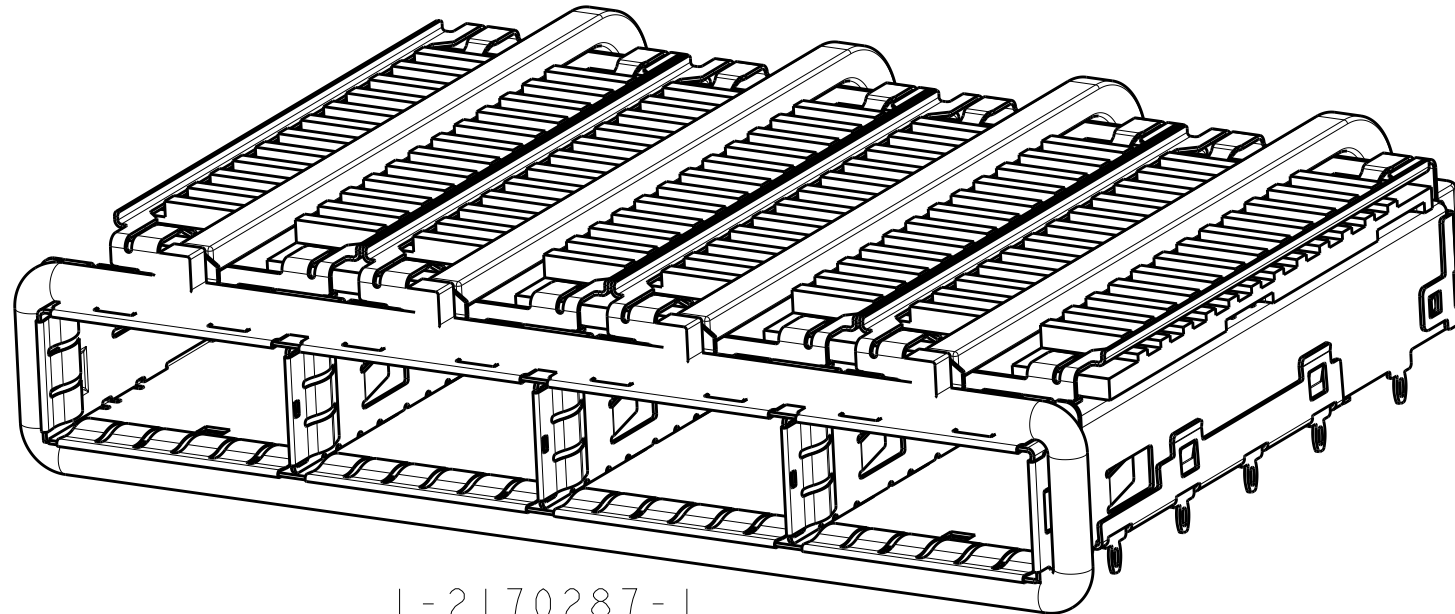
SECTION B-B
SCALE 10:1



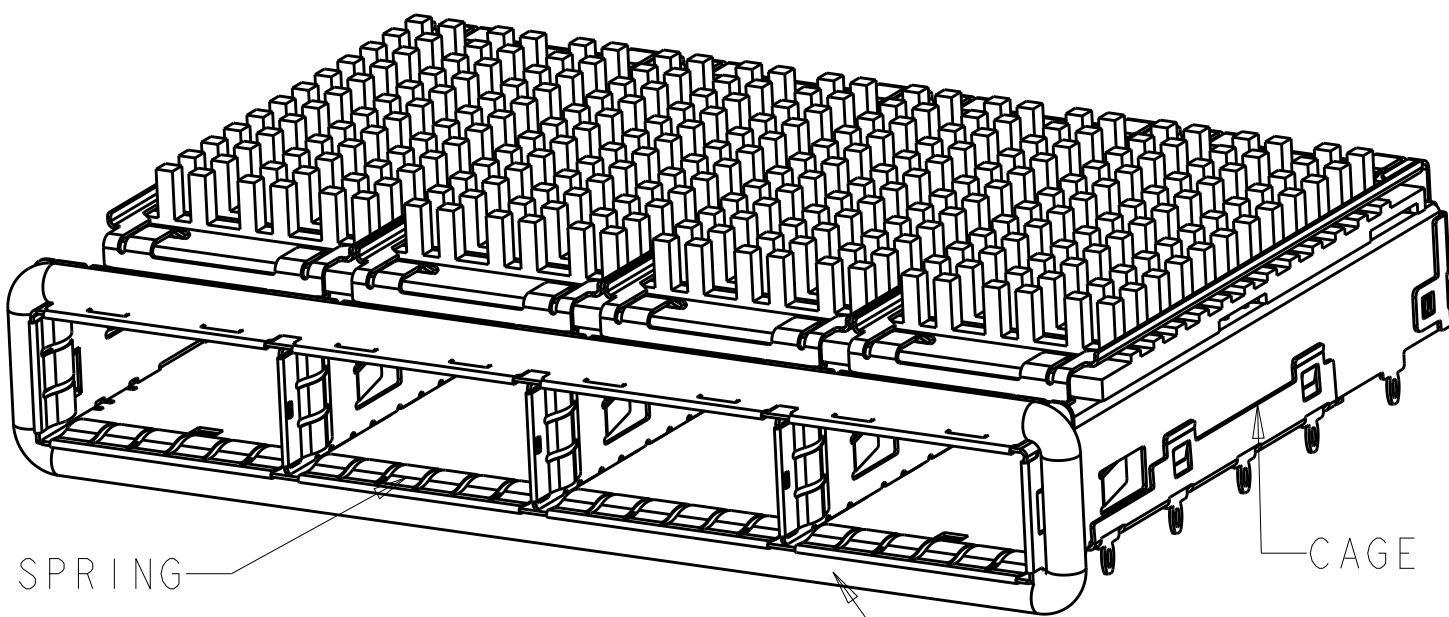
2170287-4, 2170287-5, 2170287-6
SCALE 2:1



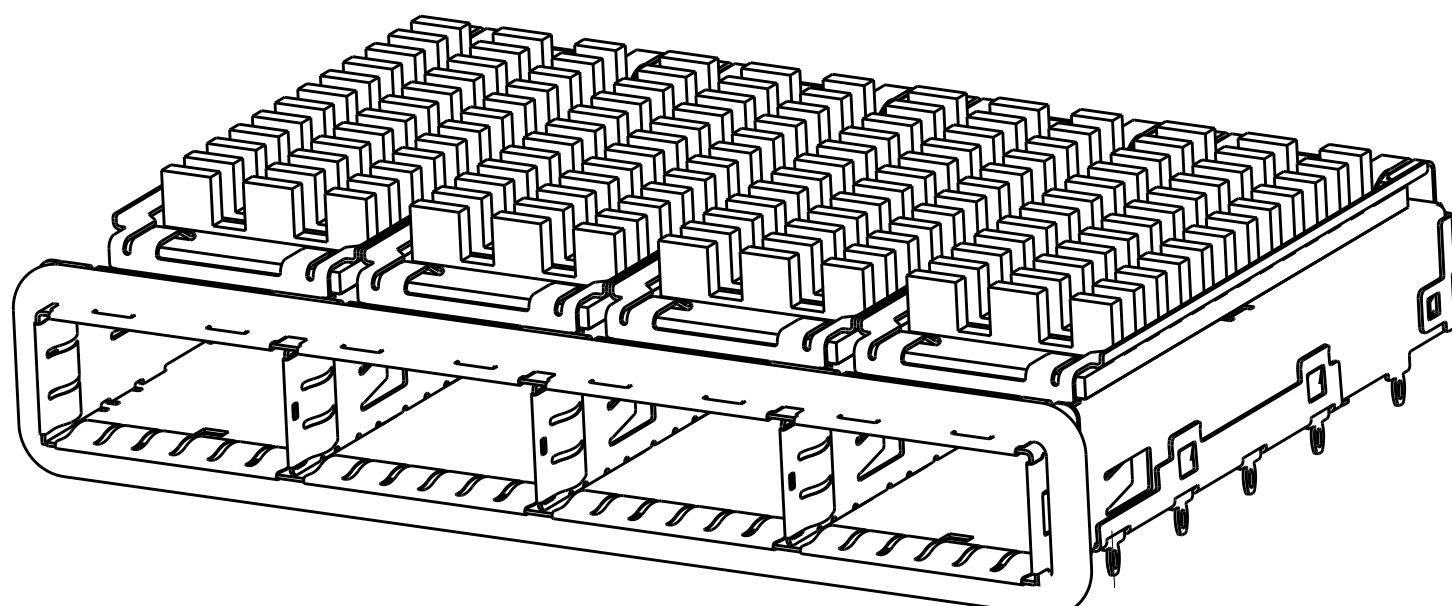
1-2170287-0
SCALE 2:1



1-2170287-1
SCALE 2:1



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

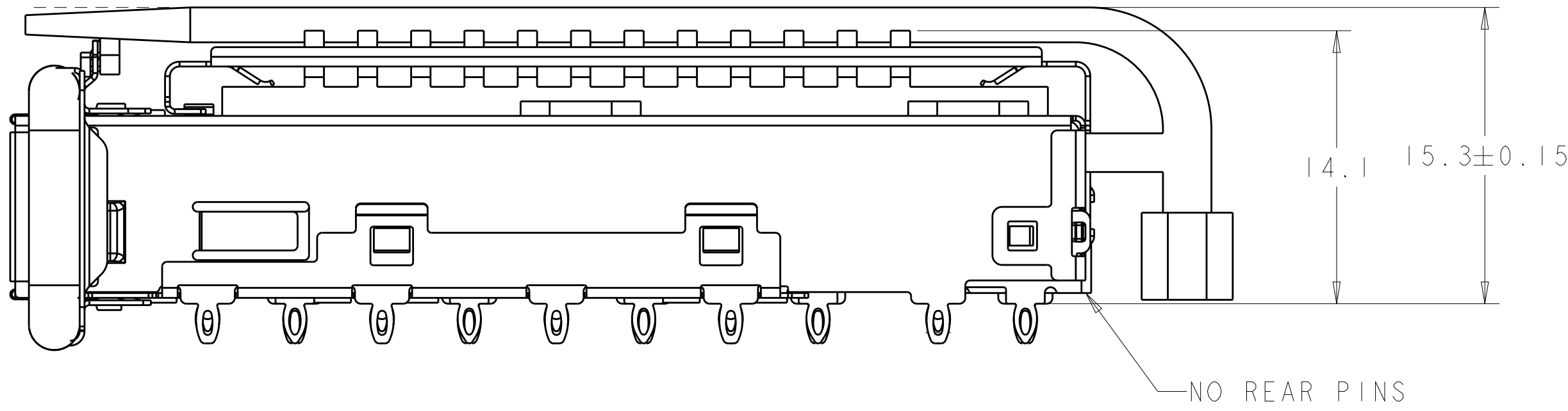
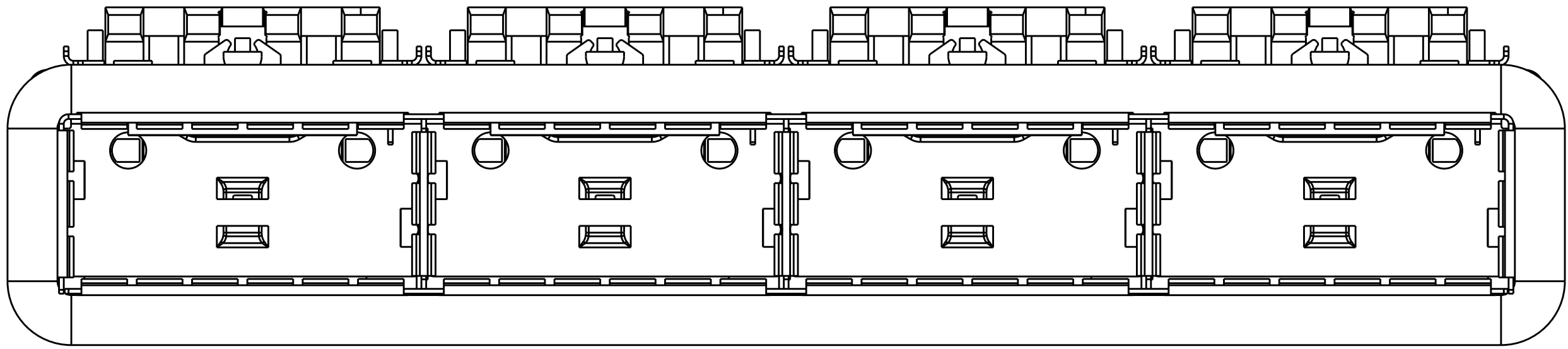


2170287-7, 2170287-8, 2170287-9
SCALE 2:1

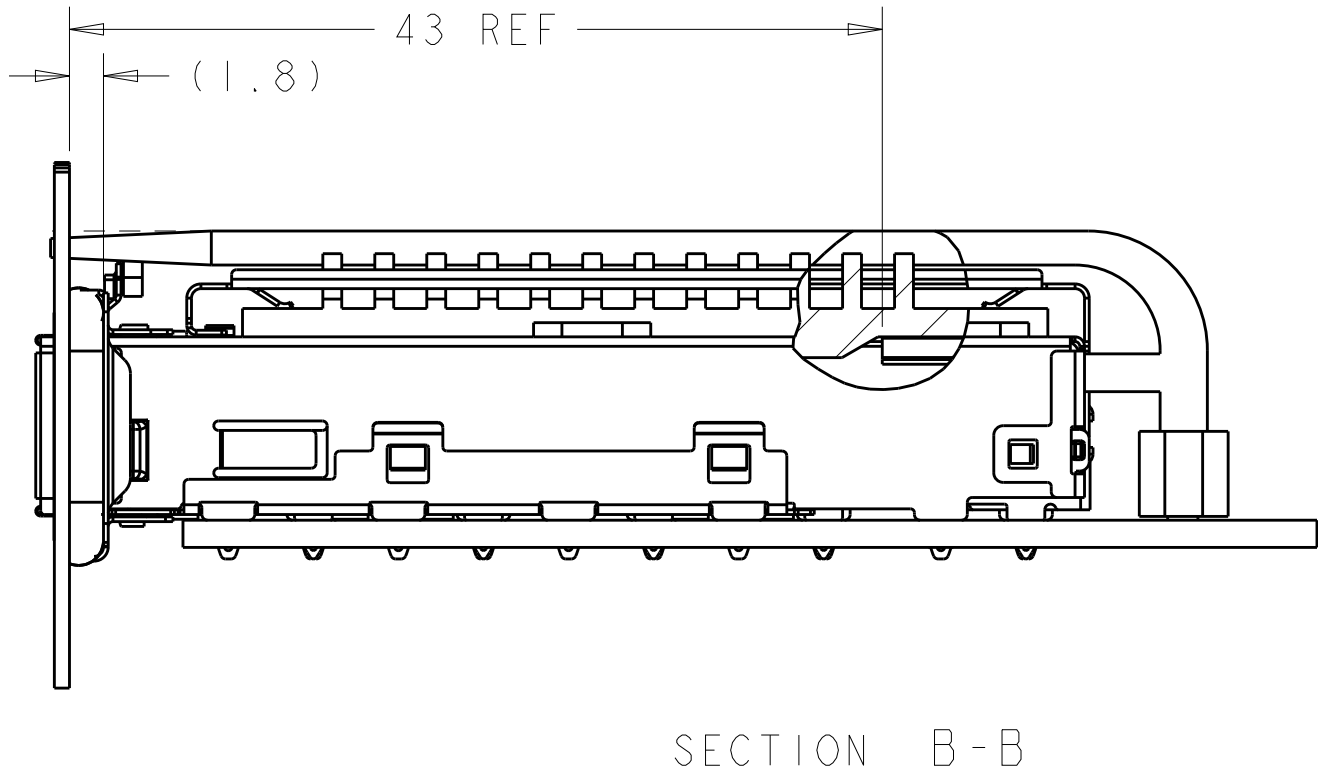
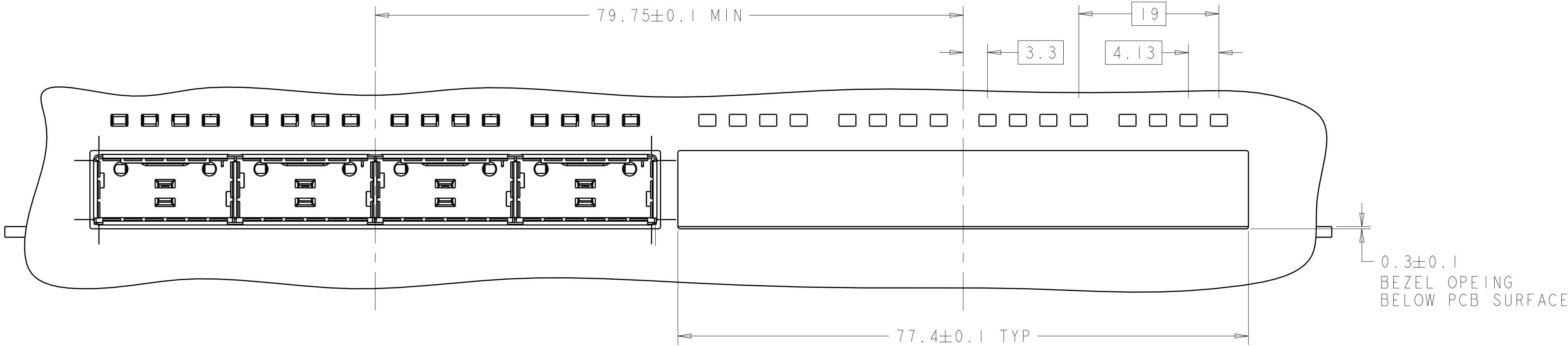
1		
13.7	PCI(FIN TYPE)	1-2170287-1
15.0	CUSTOMIZED HEAT SINK	1-2170287-0
23.0	NETWORKING(FIN TYPE)	2170287-9
16.0	SAN(FIN TYPE)	2170287-8
13.7	PCI(FIN TYPE)	2170287-7
23.0	NETWORKING(FIN TYPE)	2170287-6
16.0	SAN(FIN TYPE)	2170287-5
13.7	PCI(FIN TYPE)	2170287-4
23.0	NETWORKING(PIN TYPE)	2170287-3
16.0	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 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	
1		16		114-13217	
CUSTOMER DRAWING		WEIGHT		SIZE CAGE CODE DRAWING NO	
				A100779C=2170287	
				RESTRICTED TO	
				SCALE 4:1 SHEET 1 OF 8 REV A	

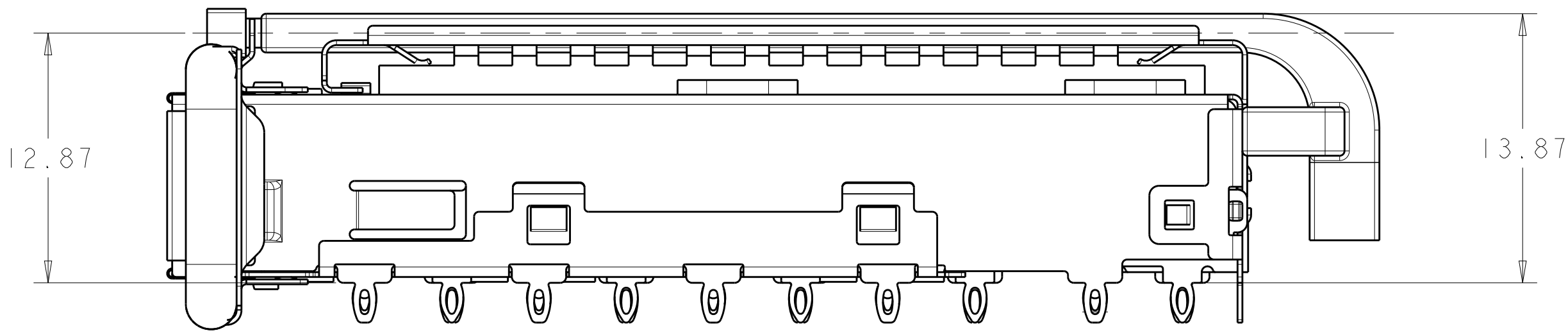
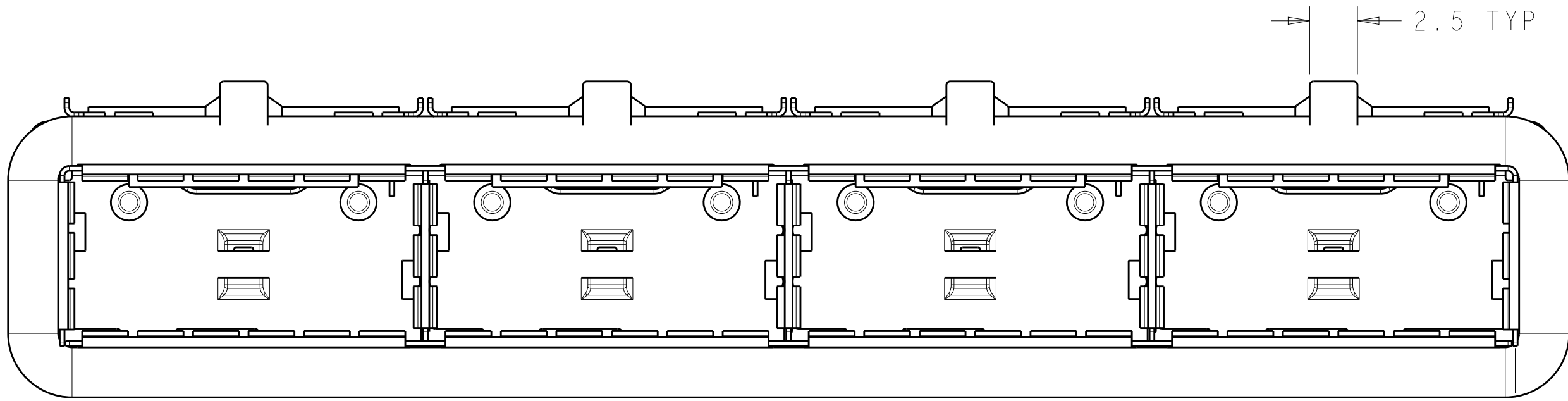
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



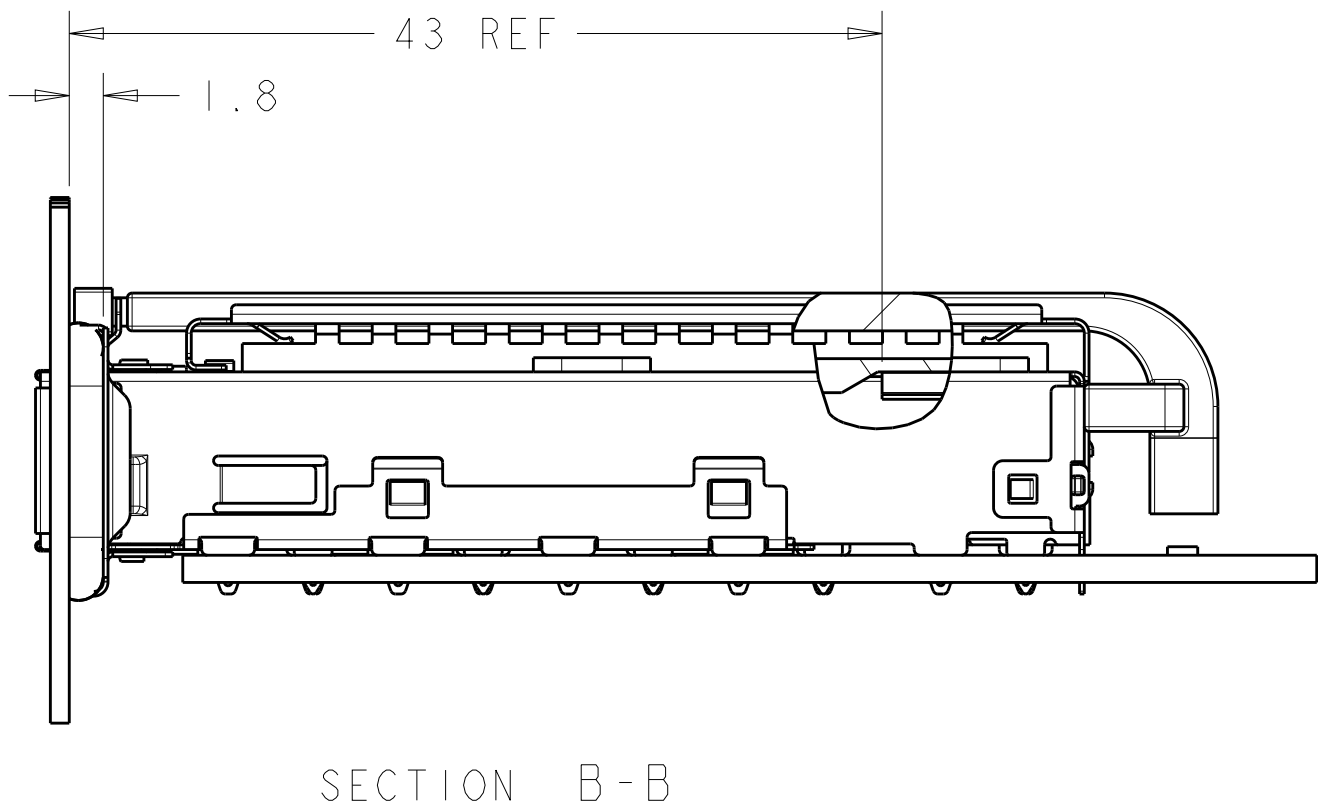
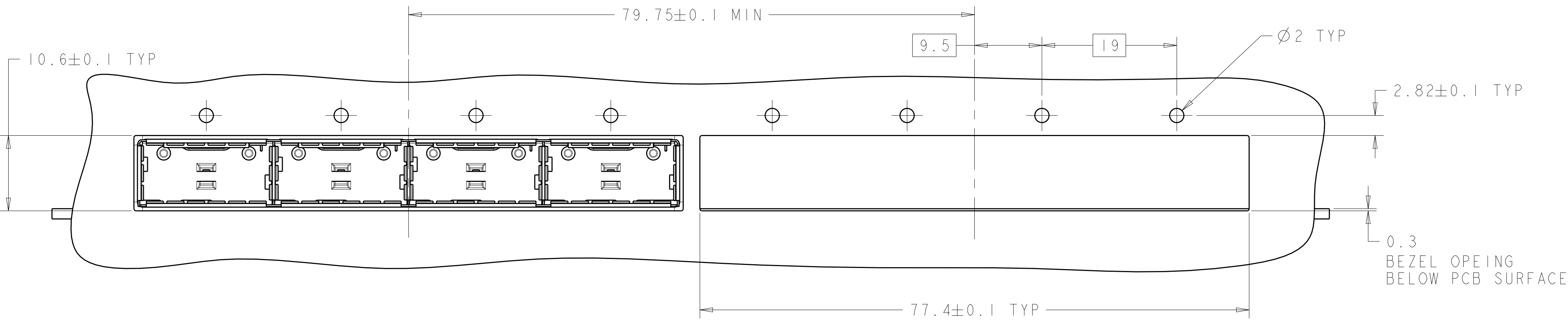
1-2170287-0 shown
SCALE 4:1



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



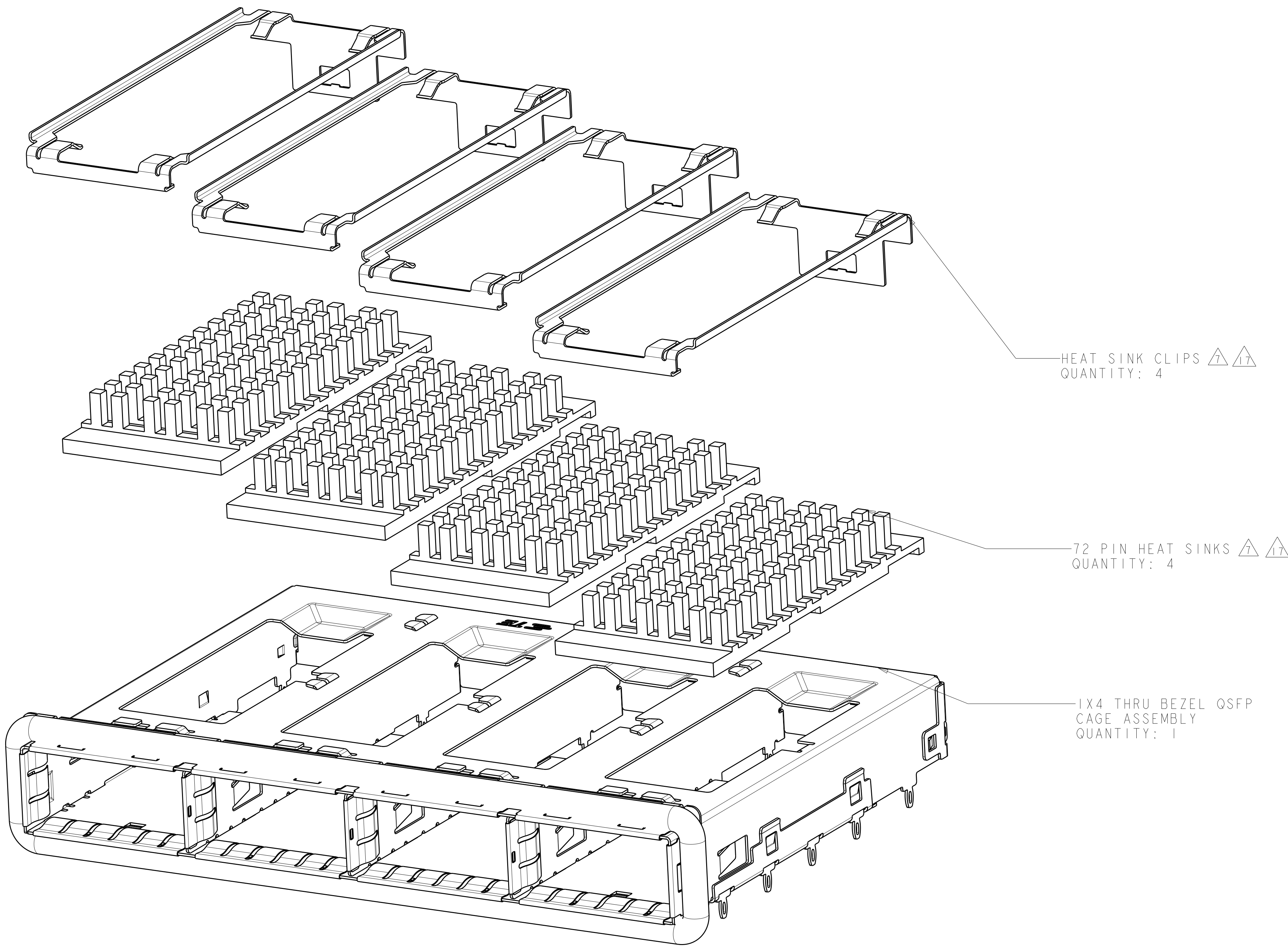
1-2170287-1 SHOWN
SCALE 4:1



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

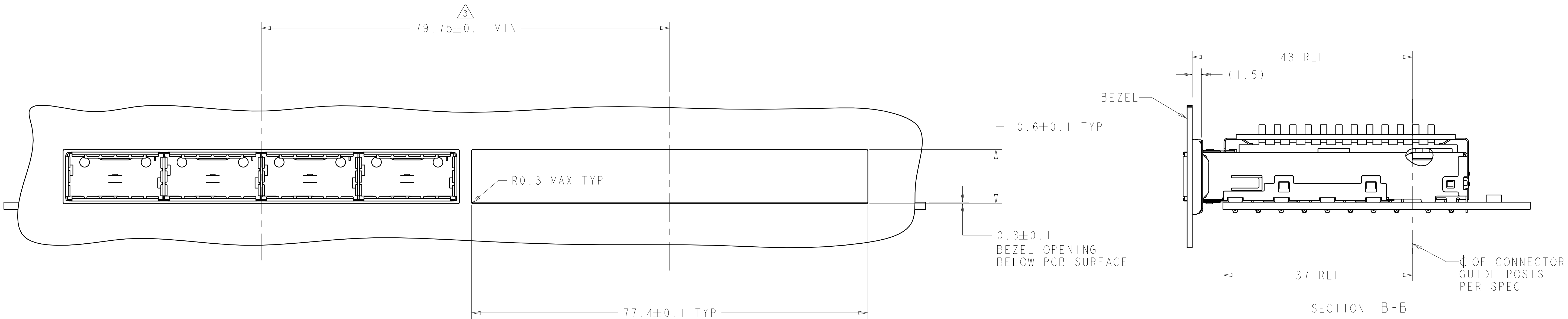
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ±.35 4 PLC ±.35 ANGLES ±.35 FINISH		1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO	
-		-		A100779C=2170287	
CUSTOMER DRAWING		SCALE		SHEET 2 OF 8	
		1:1		REV A	

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

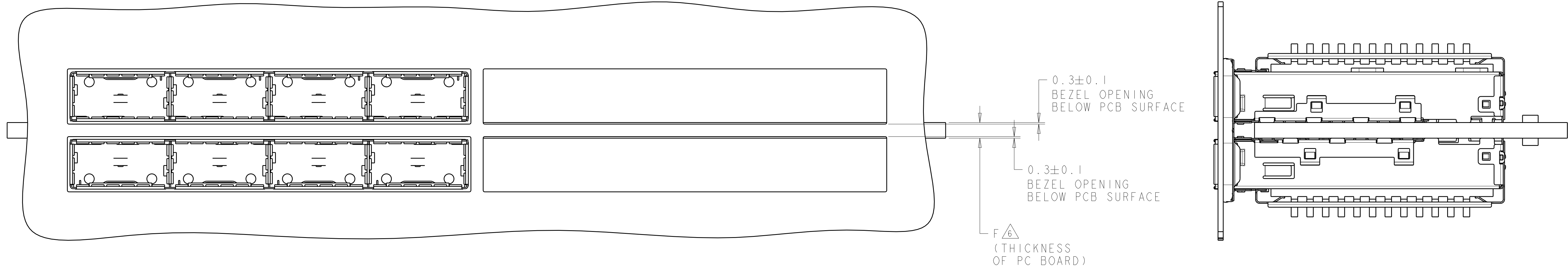


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	KINSEN SUN	29FEB2012	TE Connectivity		
		CHK	DENNY ZHU	29FEB2012			
		APVD	ALEX CAI	29FEB2012	NAME		
					1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP		
					SIZE		
					A100779C=2170287		
					RESTRICTED TO		
					-		
					CUSTOMER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

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

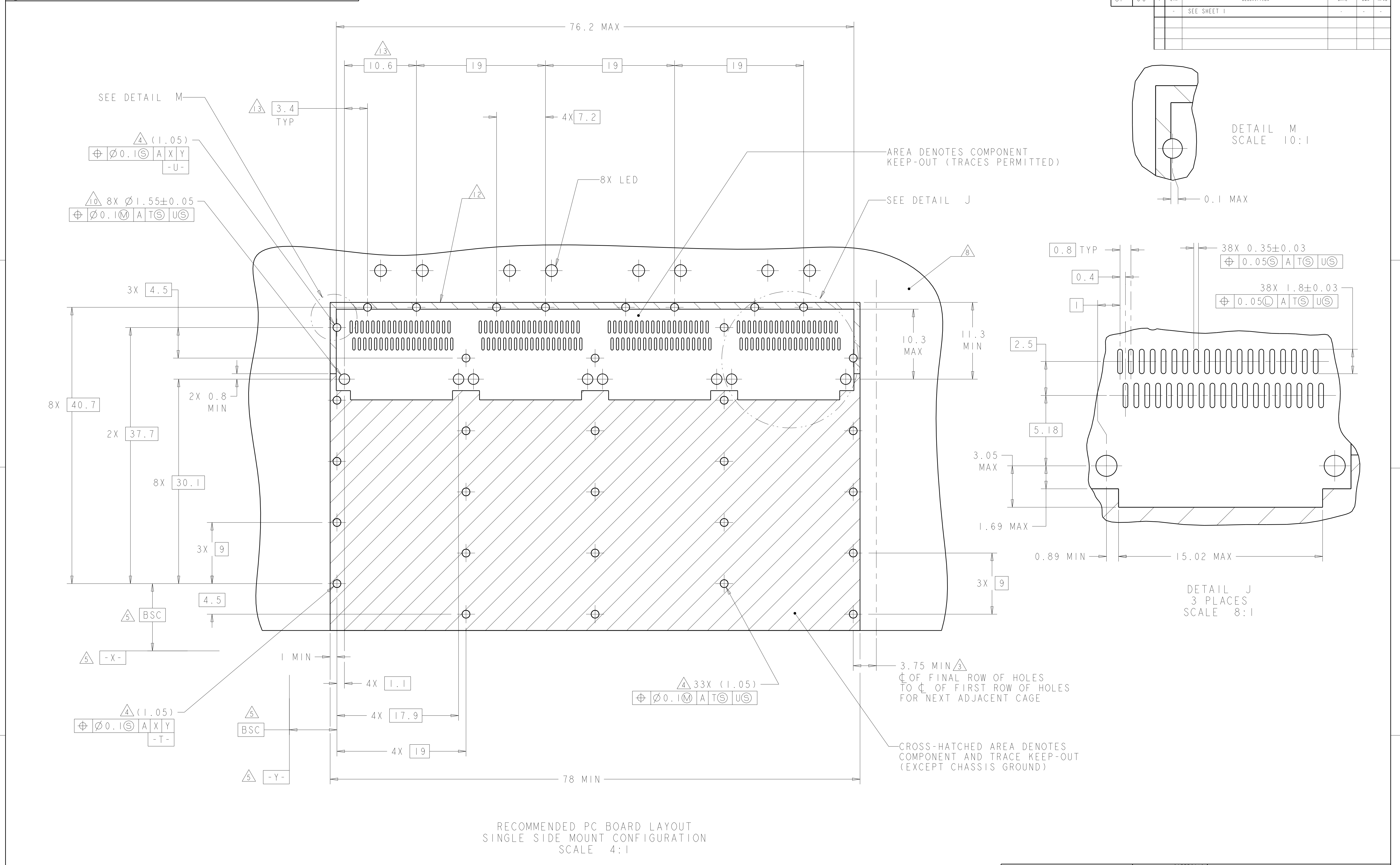


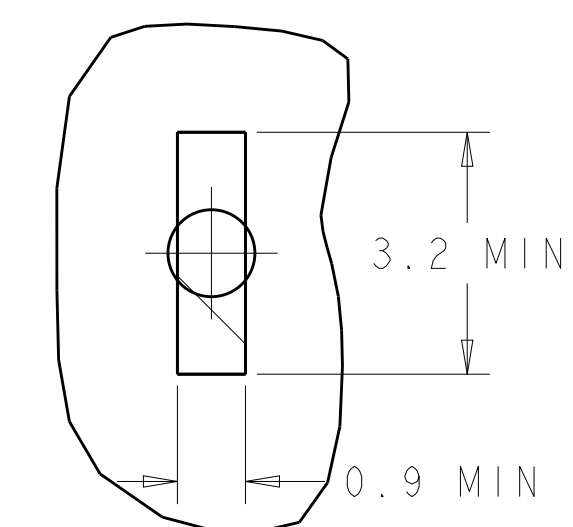
ONE SIDED CONFIGURATION
SCALE 5:2



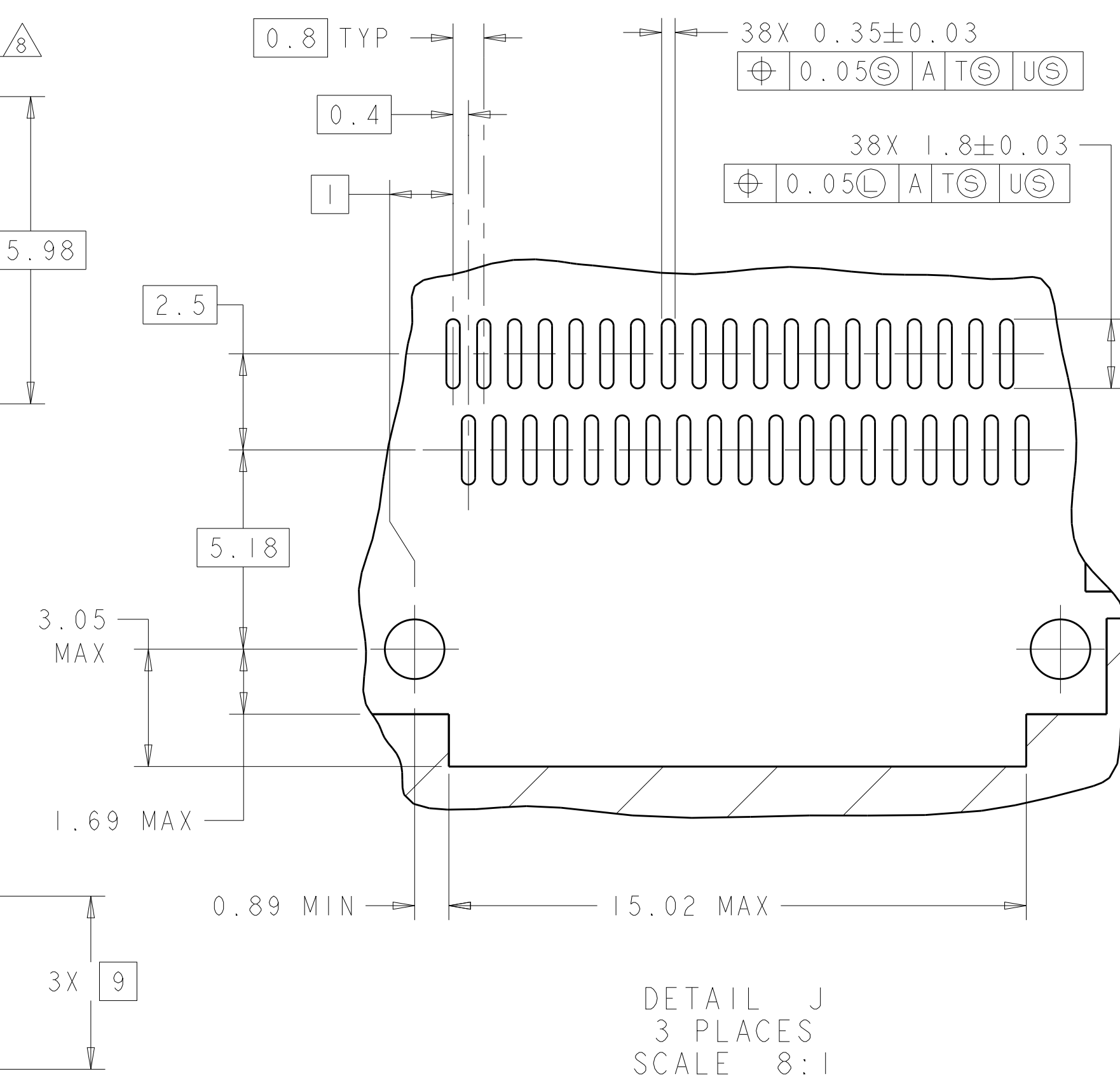
BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN KINSEN SUN 29FEB2012	 TE Connectivity						
				CHK DENNY ZHU 29FEB2012							
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEX CAI 29FEB2012	NAME						
mm		0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ±		PRODUCT SPEC 108-2286	1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP						
		ANGLES FINISH		APPLICATION SPEC 114-13217	SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL		-		WEIGHT	A100779		C=2170287		-		
CUSTOMER DRAWING				SCALE		1:1		SHEET	4 OF 8	REV	A





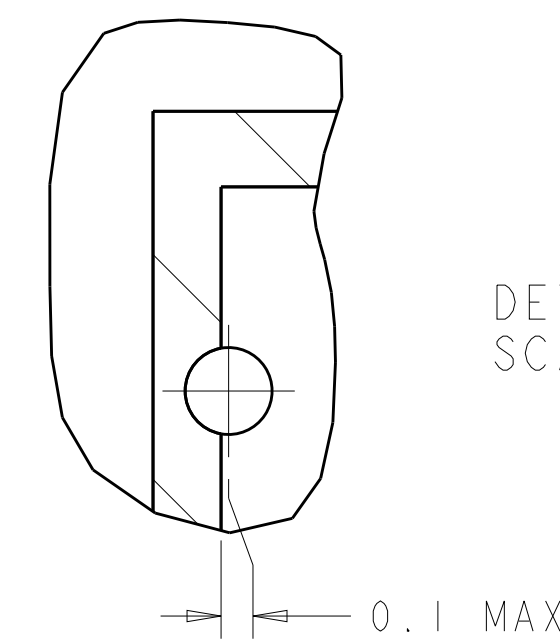
DETAIL M
SCALE 10:1



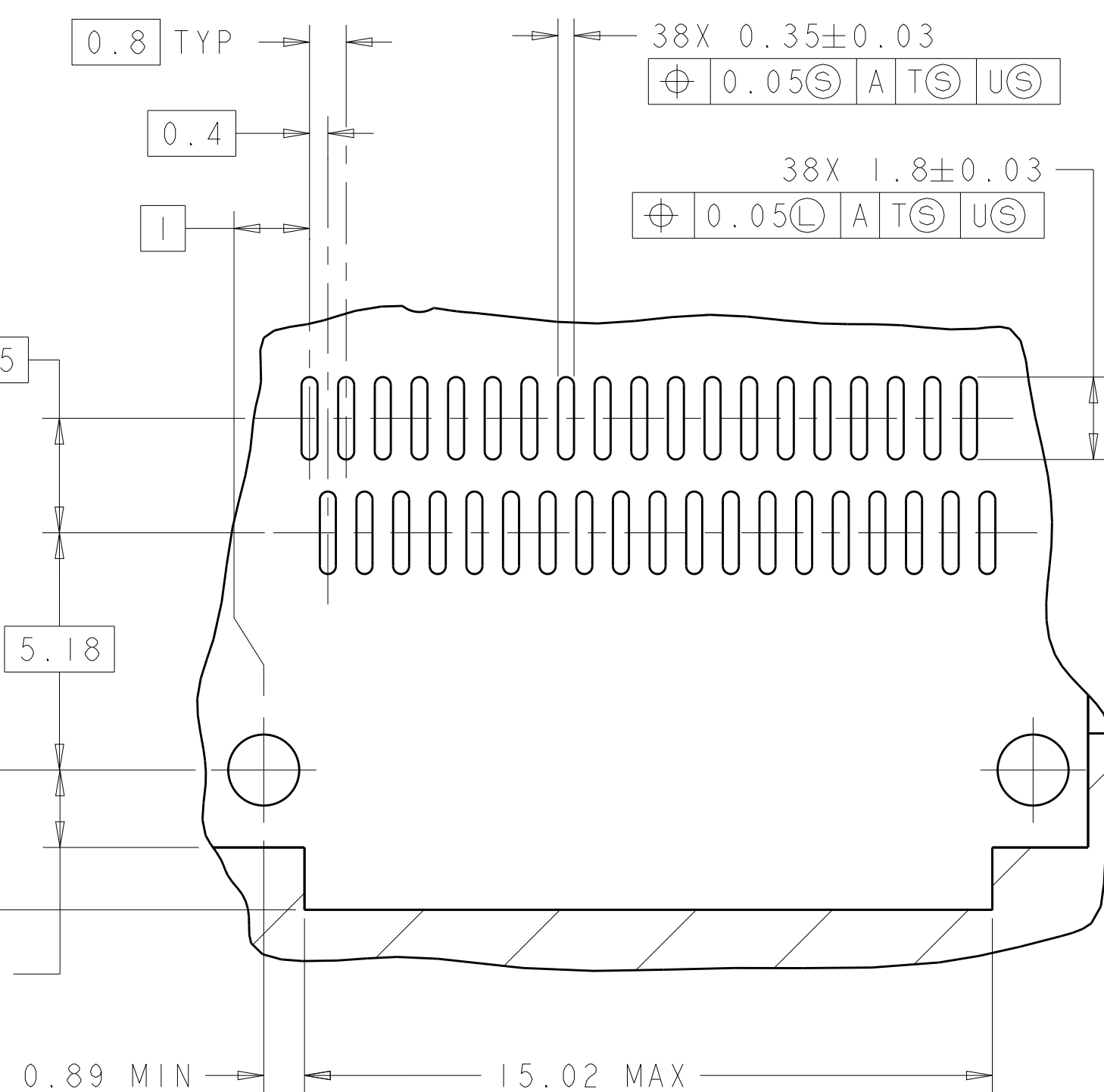
DETAIL J
3 PLACES
SCALE 8:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

[illegible]



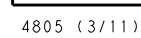
DETAIL M
SCALE 10:1



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						
		APPR ALEX CAI	29FEB2012						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	IX4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP				
mm		0 PLC ±. 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ±		PRODUCT SPEC	108-2286				
		ANGLES ±.		APPLICATION SPEC	114-13217				
MATERIAL	FINISH			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
-	-			WEIGHT	A100779C=2170287		-		
CUSTOMER DRAWING				SCALE	1:1	SHEET	7	OF	8
								REV	A





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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