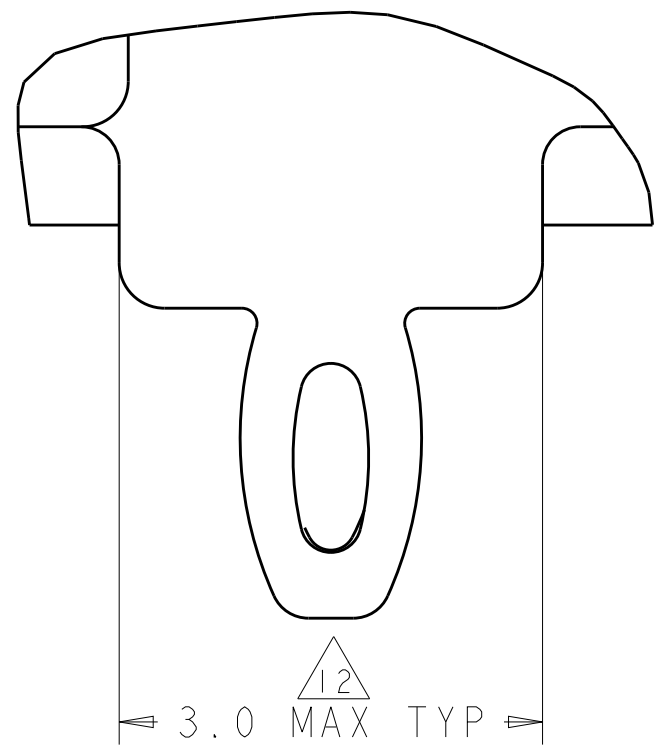


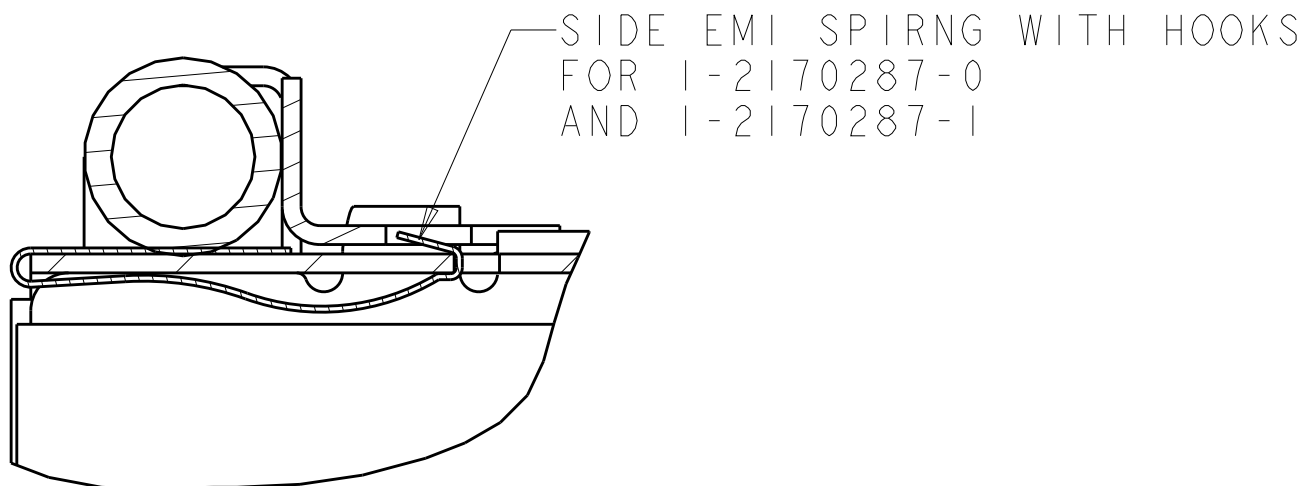
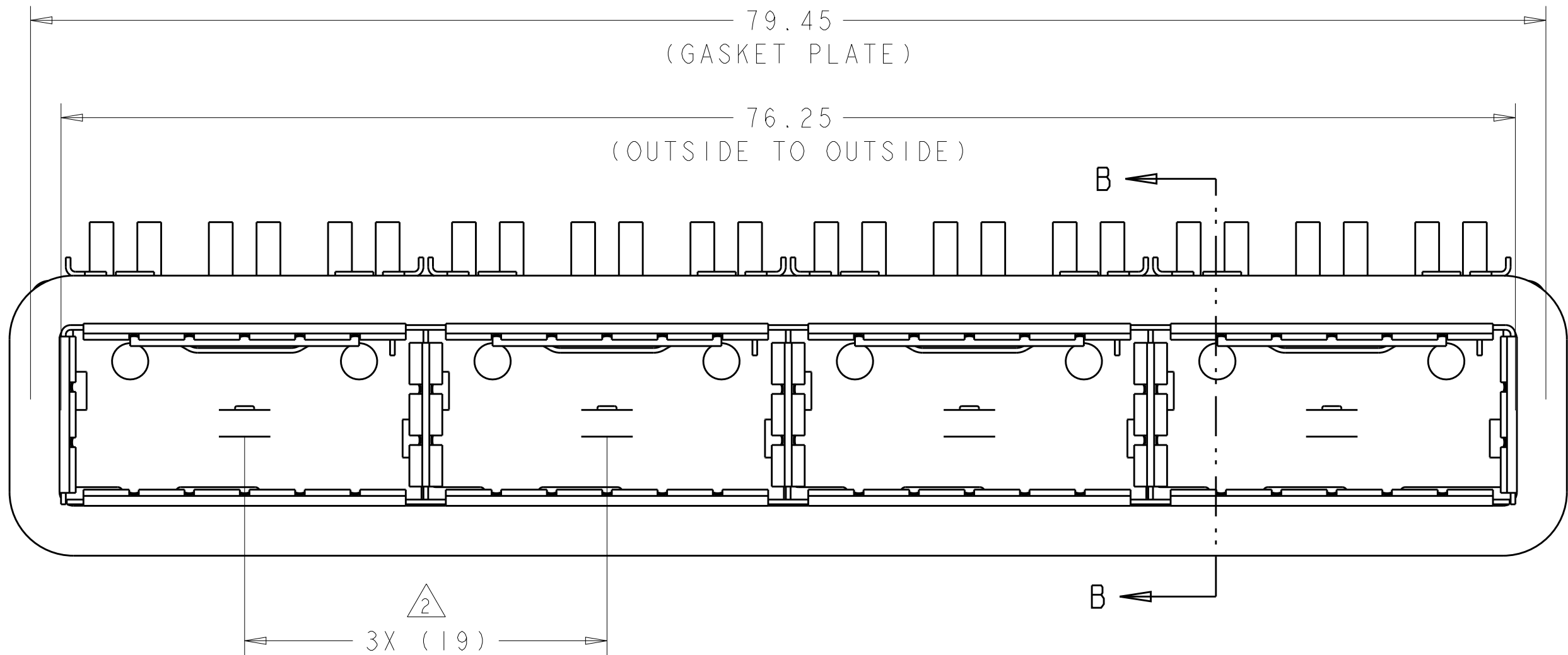
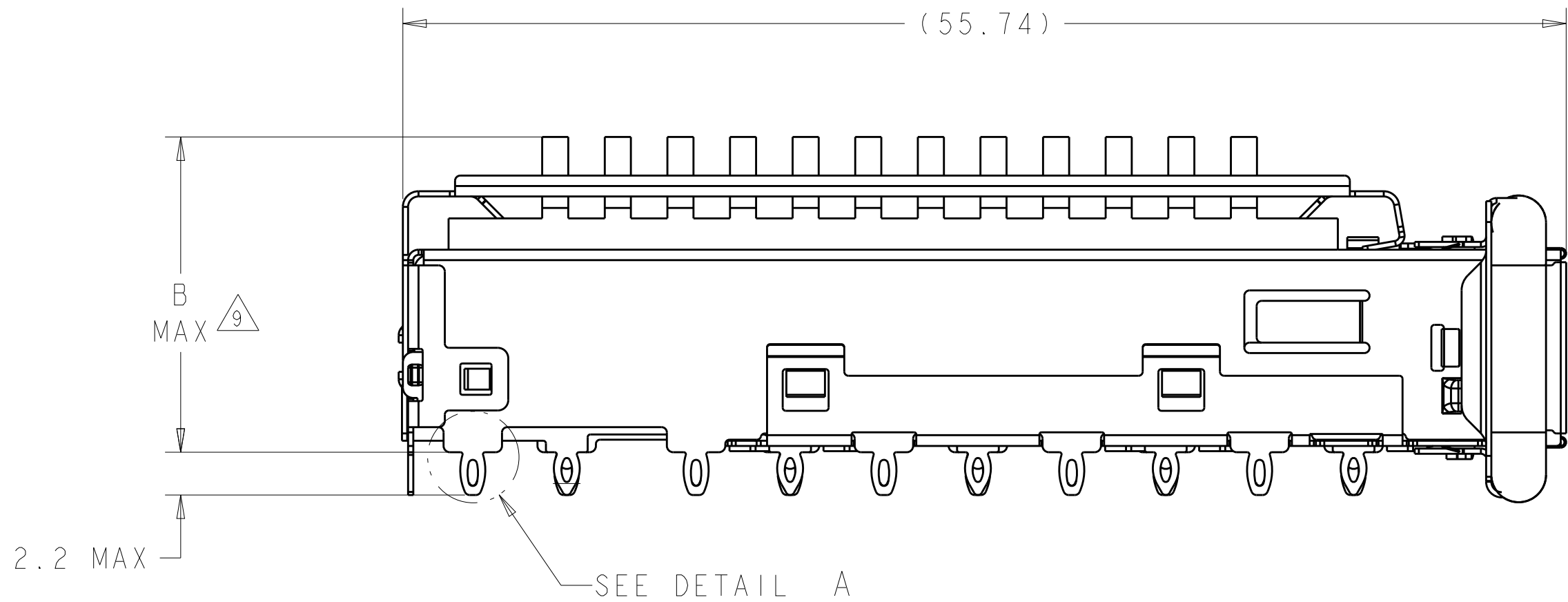
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GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASE PER ECO-16-002978	3MAR2016	RG	SH



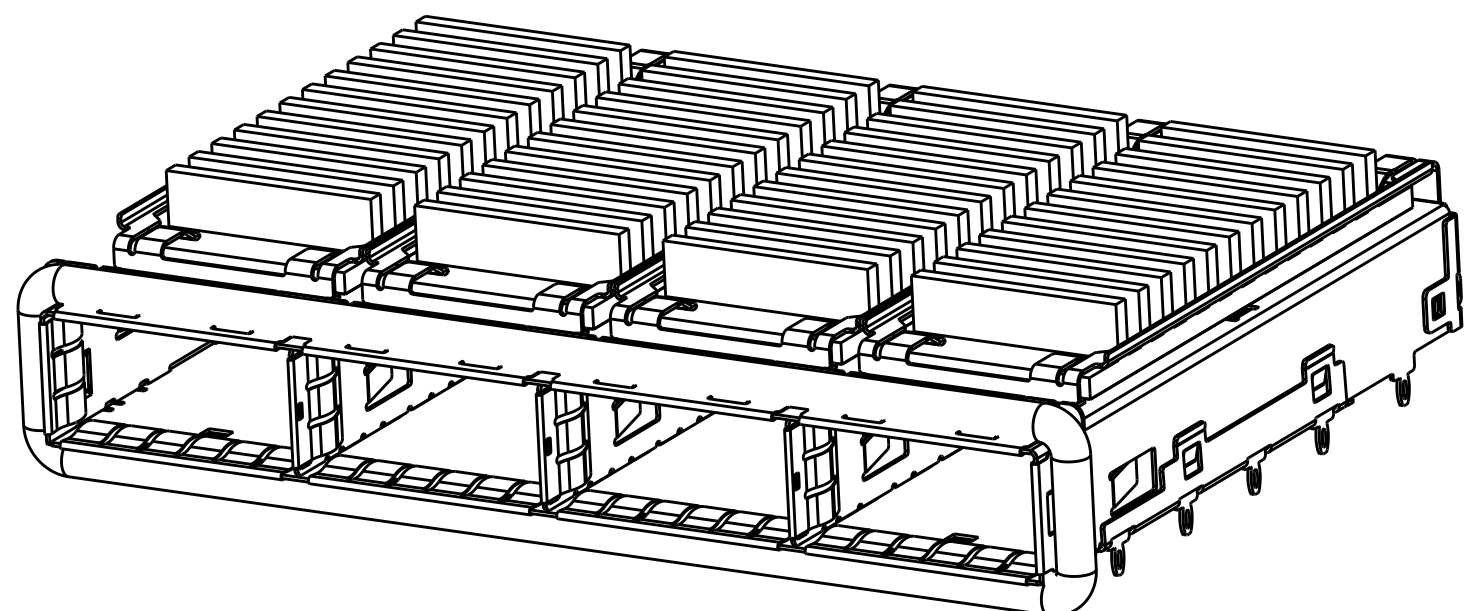
DETAIL A
SCALE 20:1

- 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.

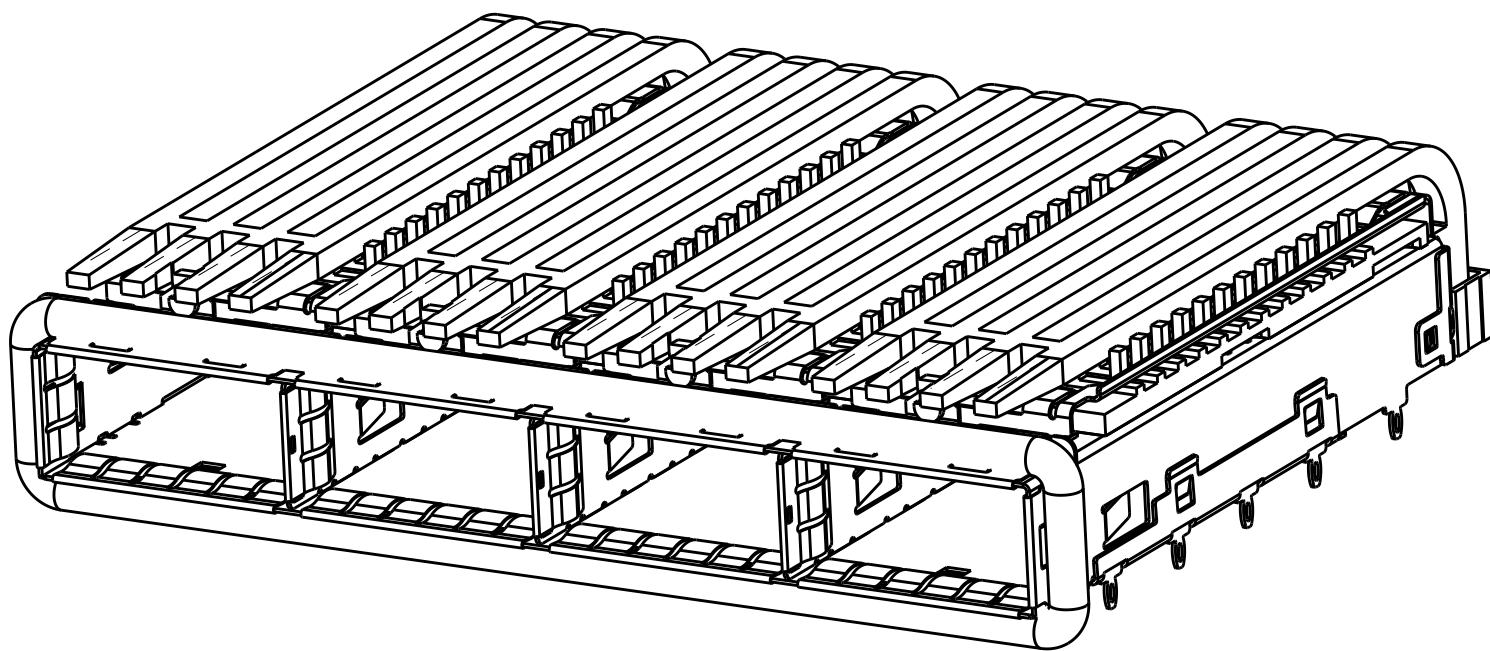
11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- 12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL A, CONTACT PC BOARD.
- 13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- 14 DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS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



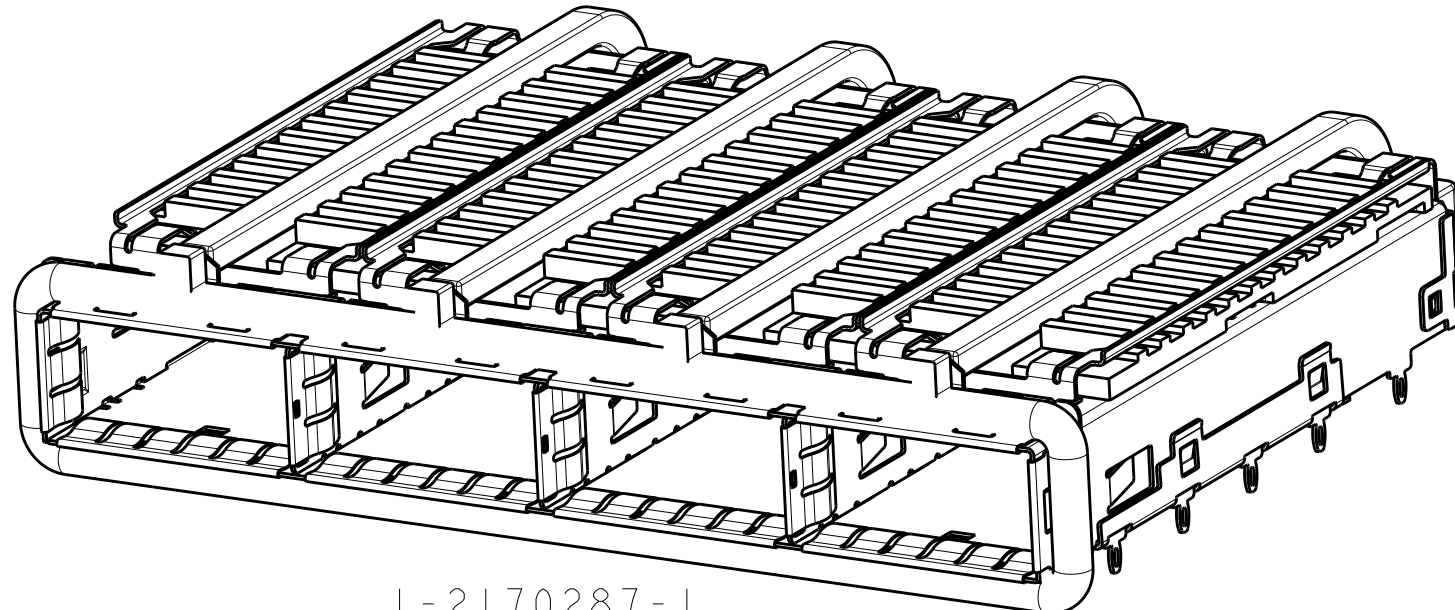
SECTION B-B
SCALE 10:1



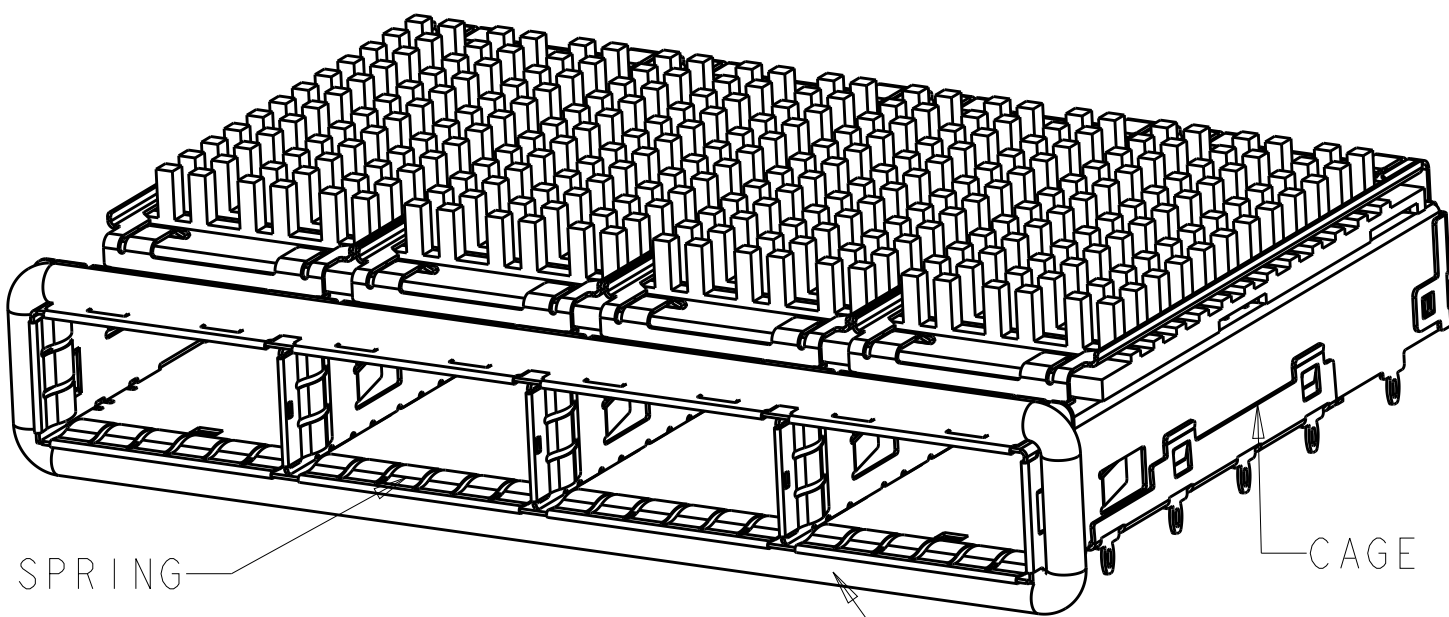
2170287-4, 2170287-5, 2170287-6
SCALE 2:1



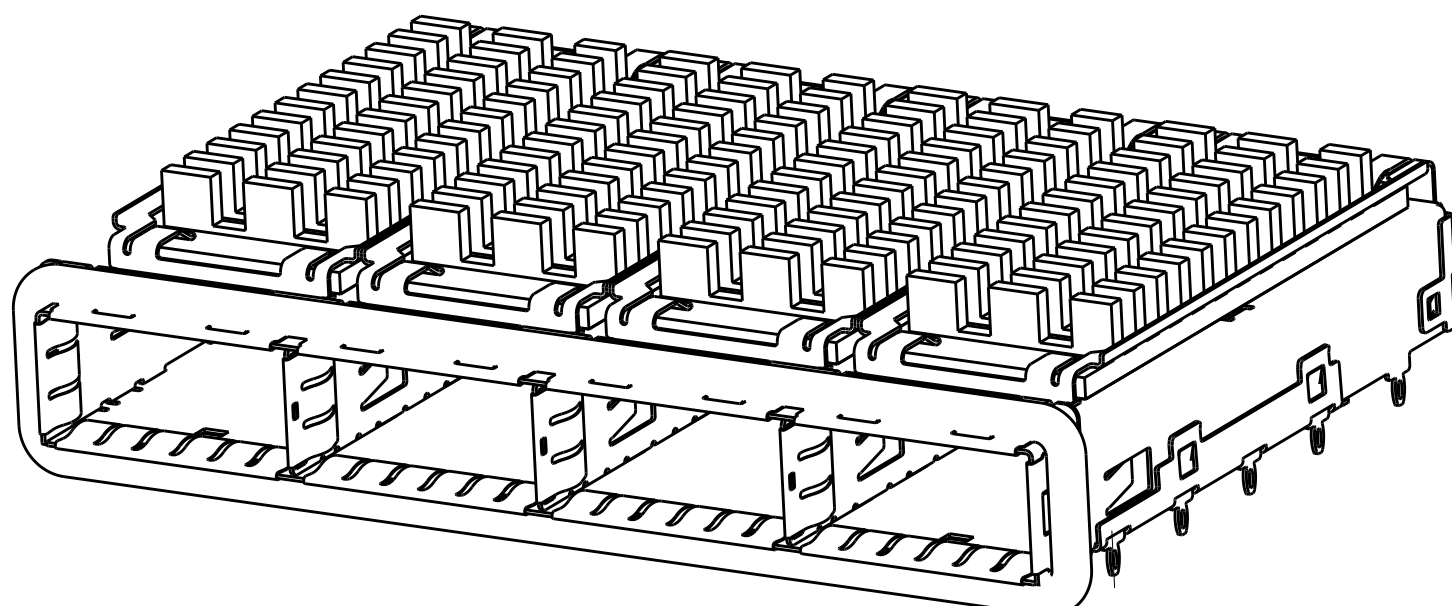
1-2170287-0
SCALE 2:1



1-2170287-1
SCALE 2:1



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

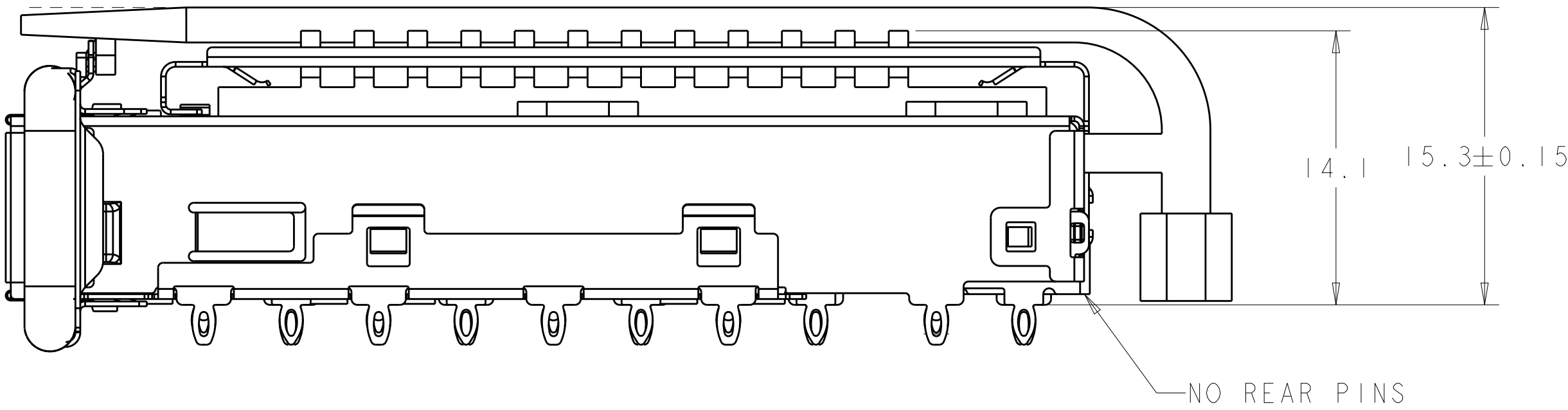
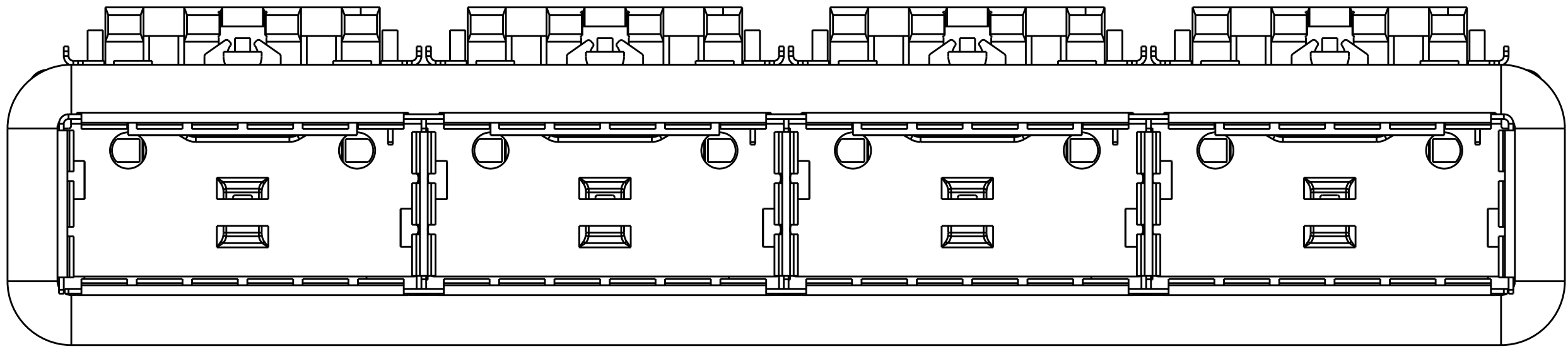


2170287-7, 2170287-8, 2170287-9
SCALE 2:1

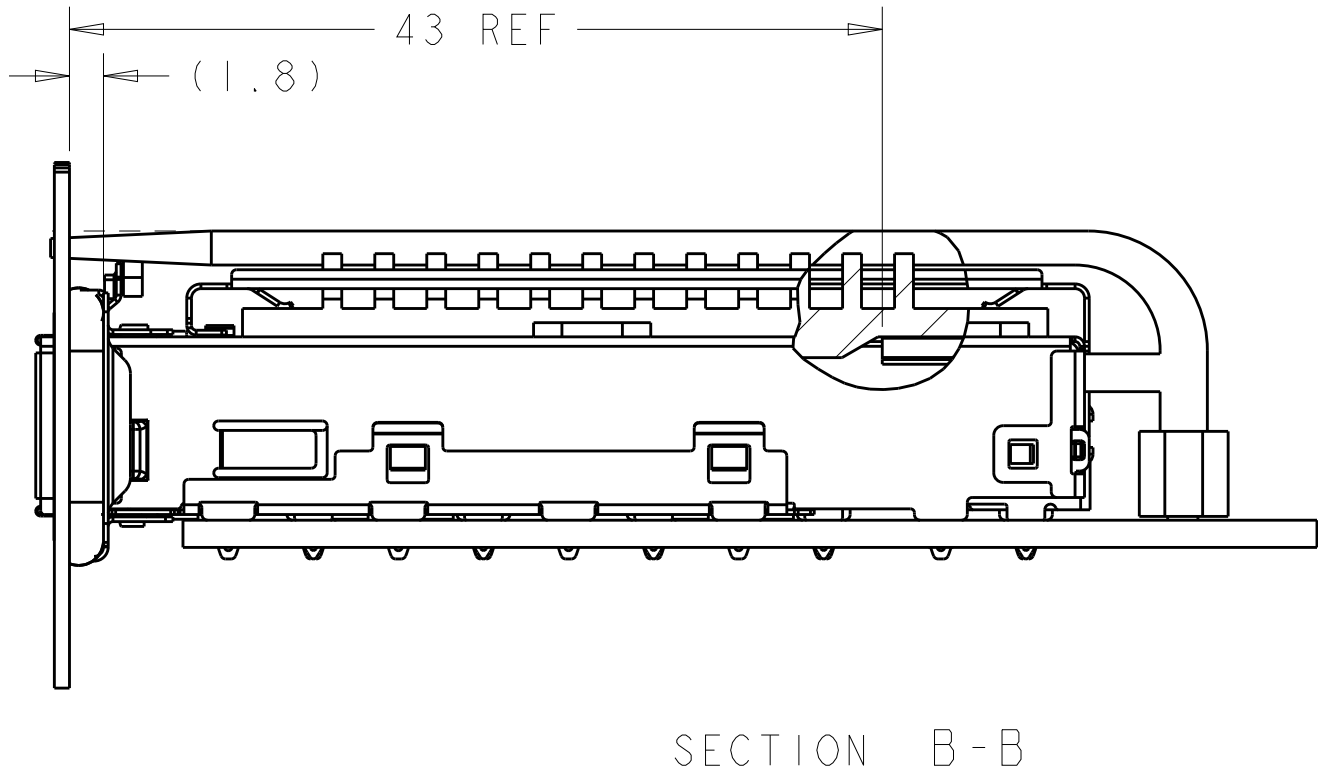
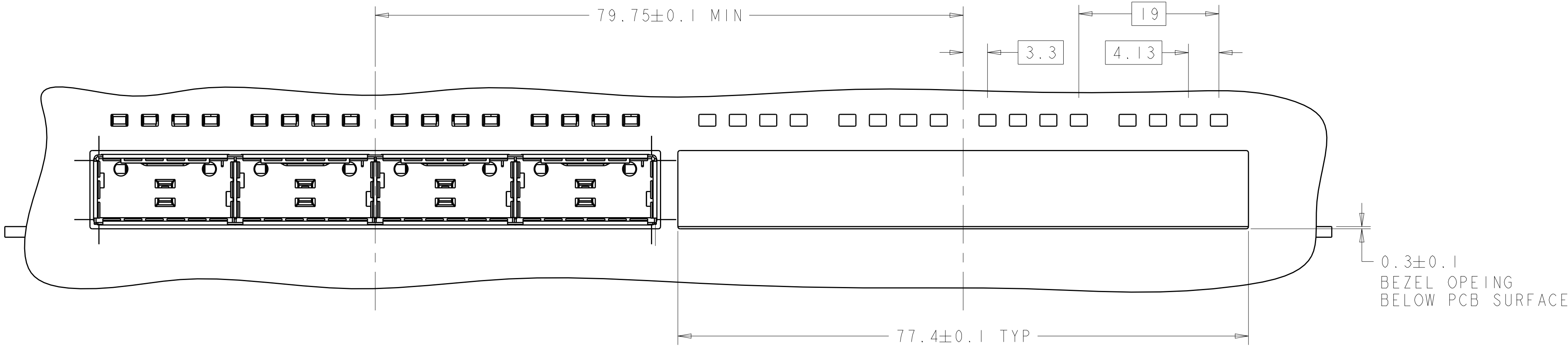
PART NUMBER		
13.7	PCI(FIN TYPE)	1-2170287-1
15.0	CUSTOMIZED HEAT SINK	1-2170287-0
23.0	NETWORKING(FIN TYPE)	2170287-9
16.0	SAN(FIN TYPE)	2170287-8
13.7	PCI(FIN TYPE)	2170287-7
23.0	NETWORKING(FIN TYPE)	2170287-6
16.0	SAN(FIN TYPE)	2170287-5
13.7	PCI(FIN TYPE)	2170287-4
23.0	NETWORKING(PIN TYPE)	2170287-3
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	
				A100779C=2170287	
				RESTRICTED TO	
				SCALE 4:1	
				SHEET 1 OF 8	
				REV A	

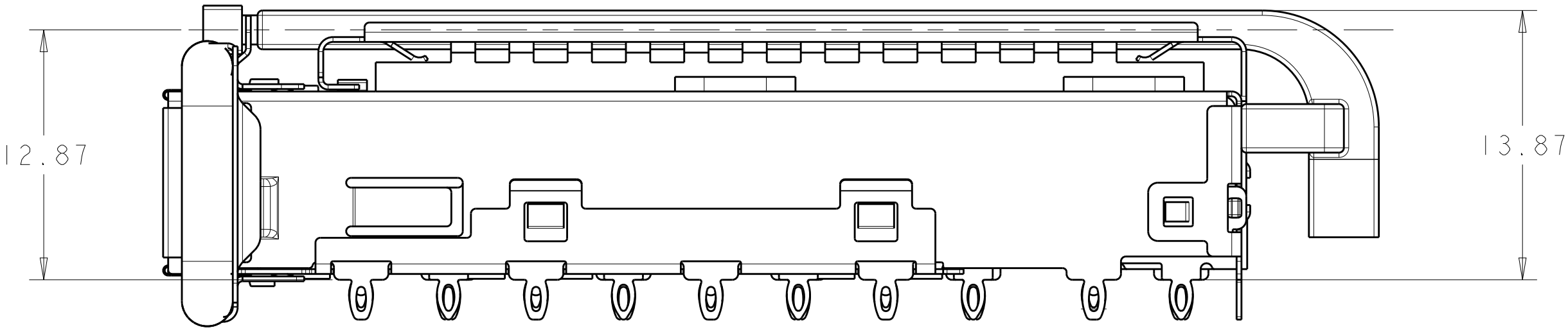
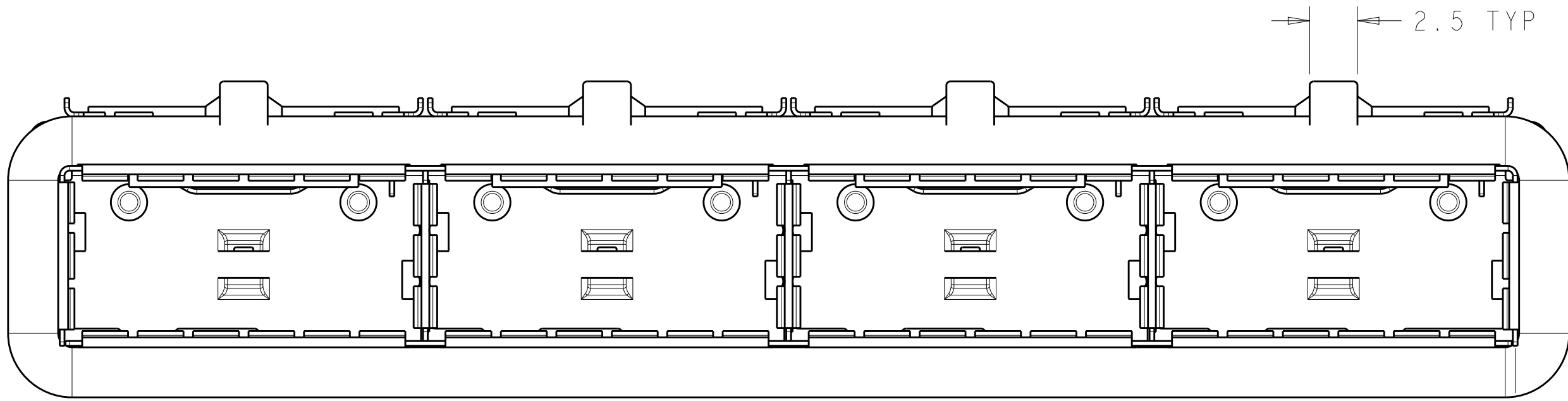
LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	-	SEE SHEET 1	-	-	-	



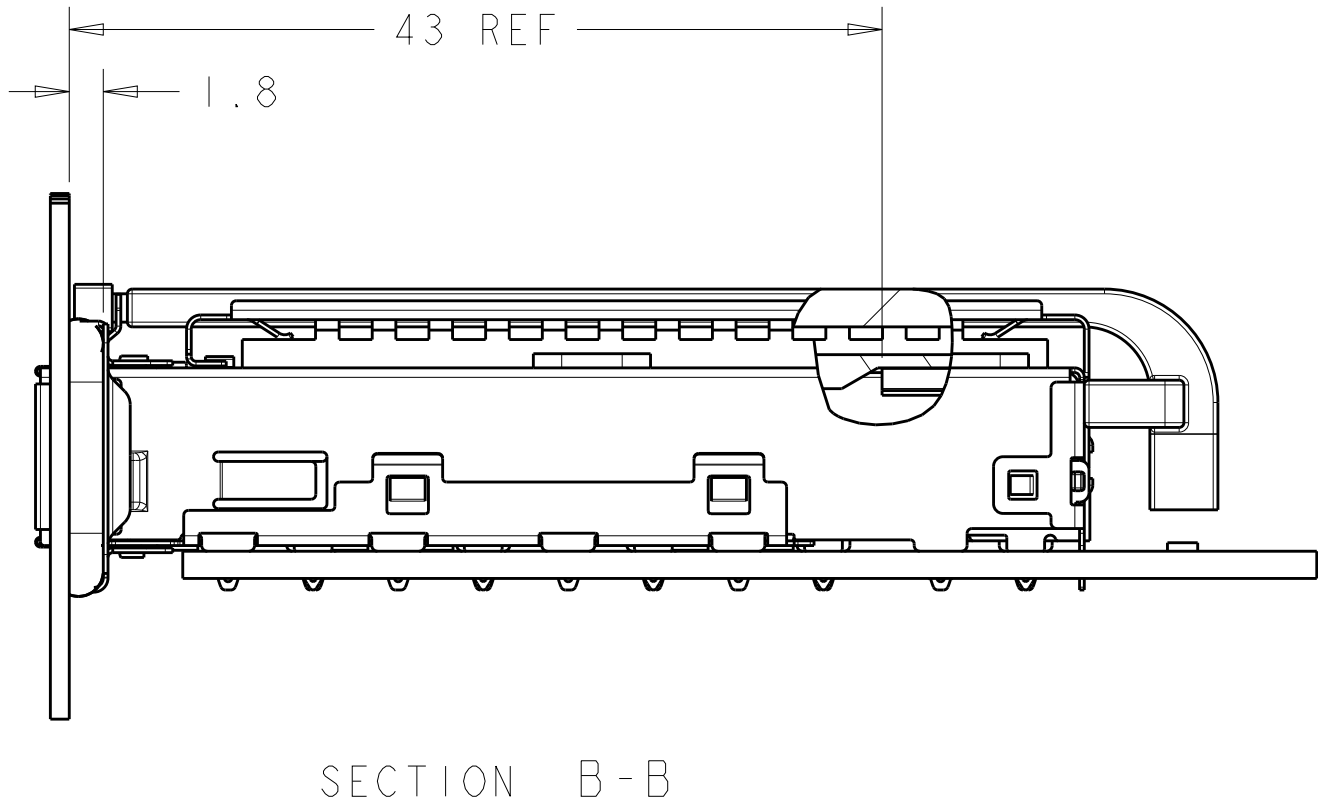
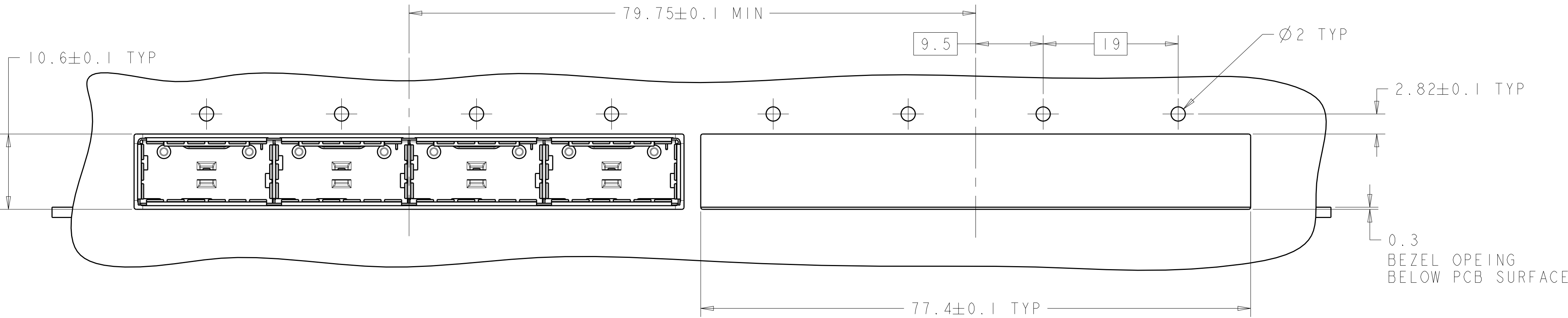
1-2170287-0 shown
SCALE 4:1



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



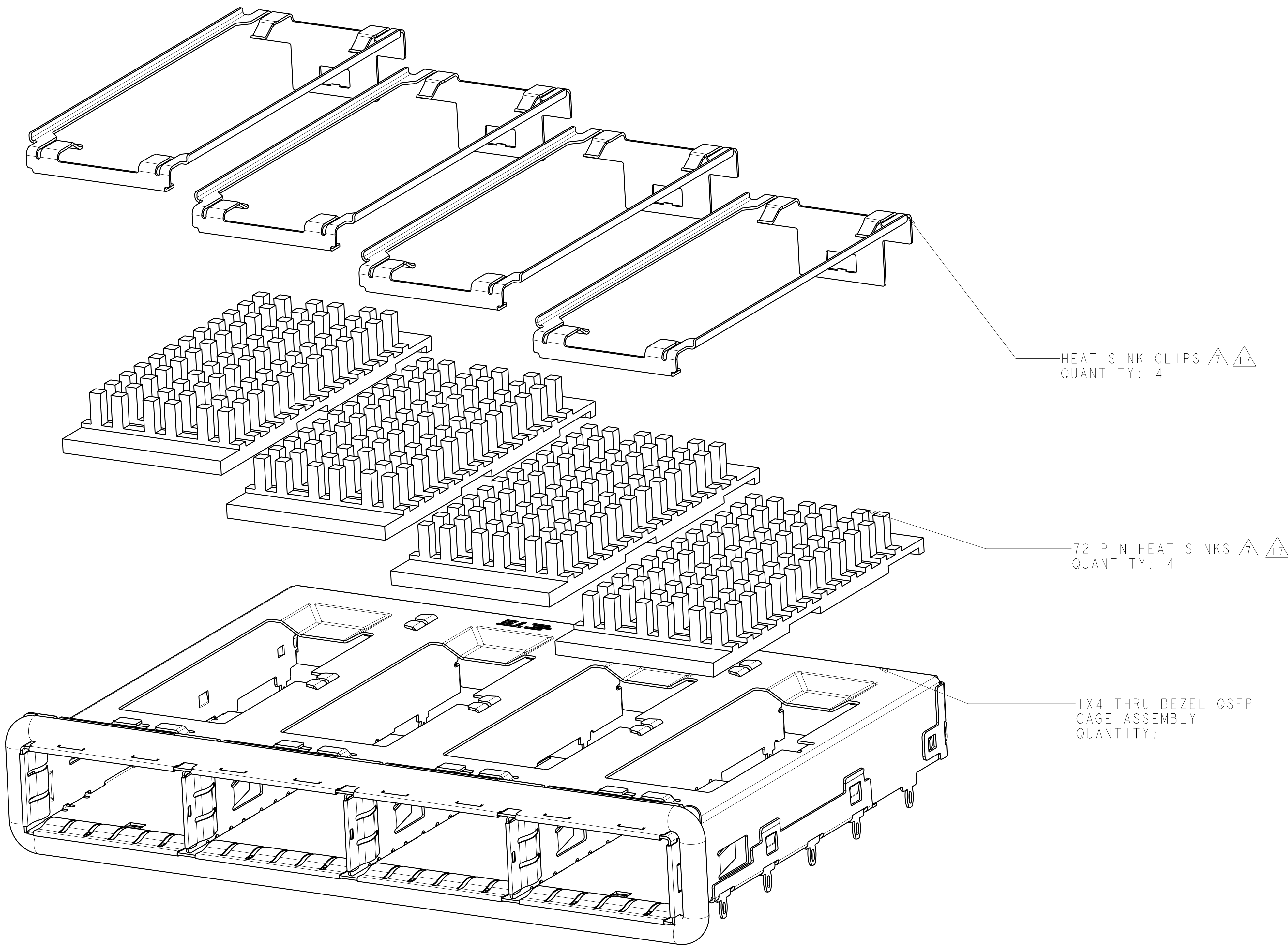
1-2170287-1 SHOWN
SCALE 4:1

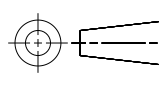


1-2170287-1
ONE SIDED CONFIGURATION
SCALE 5:2

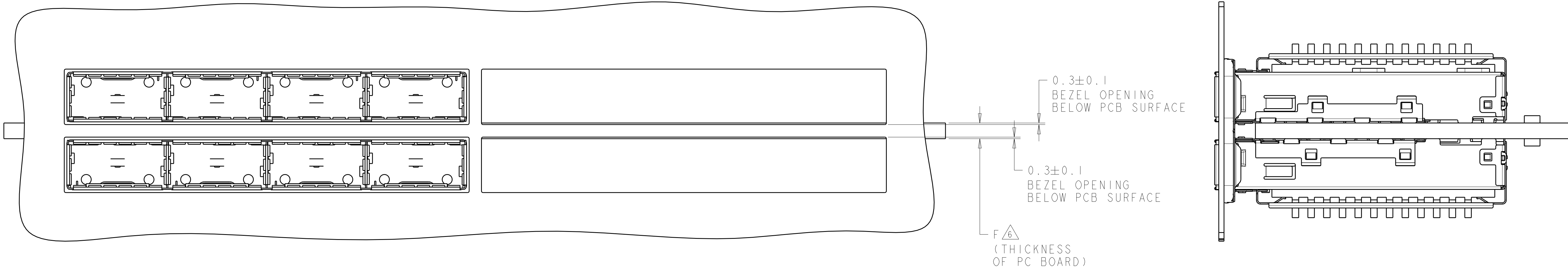
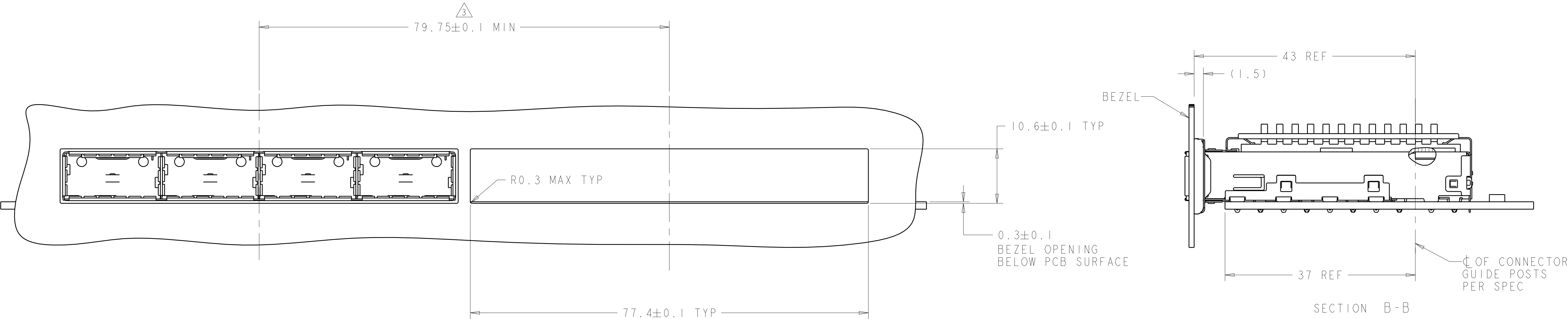
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
mm	0 PLC ±0.35 1 PLC ±0.25 2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

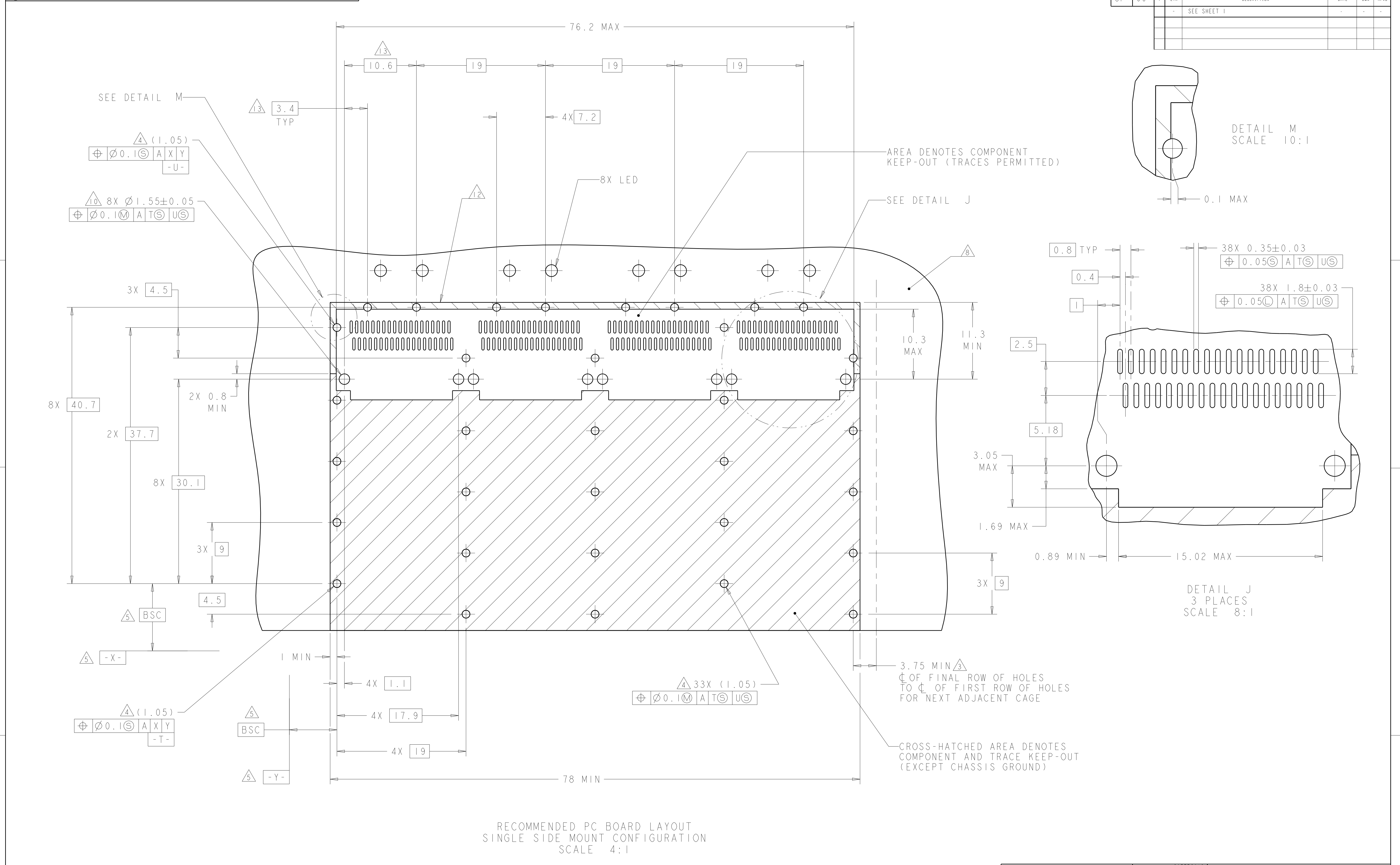


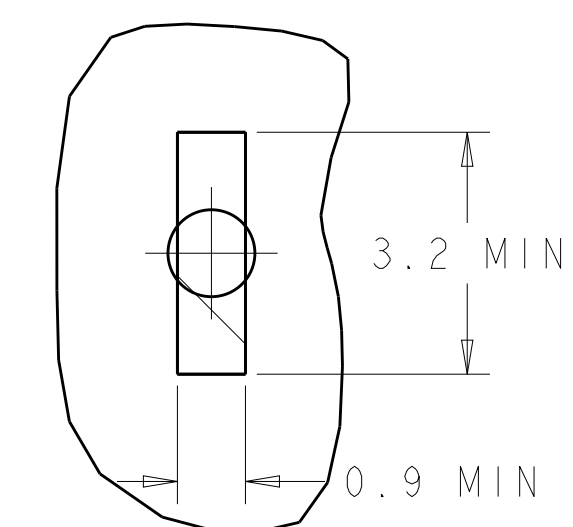
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 29FEB2012	 TE Connectivity	
DIMENSIONS:		CHK DENNY ZHU 29FEB2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 29FEB2012	NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.35	108-2286	
	2 PLC	±0.25	APPLICATION SPEC	
	3 PLC	±	114-13217	
MATERIAL		4 PLC	±	RESTRICTED TO
-		ANGLES	±	A100779C=2170287
-		FINISH	-	-
-		WEIGHT	-	SCALE 1:1 SHEET 3 OF 8 REV A
-		CUSTOMER DRAWING		

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

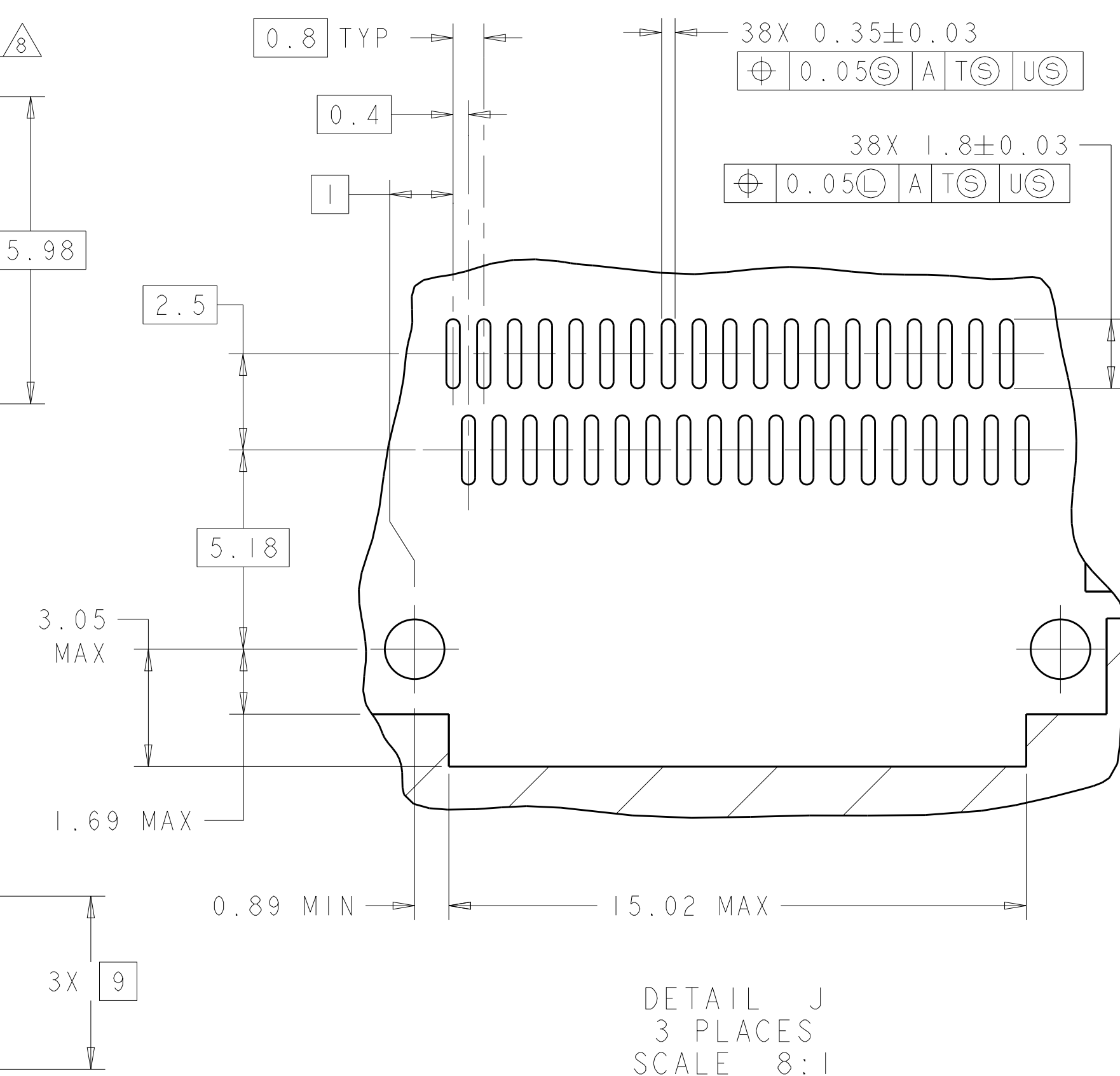


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 29FEB2012	 TE Connectivity		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP
DIMENSIONS:		CHK DENNY ZHU 29FEB2012			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 29FEB2012	PRODUCT SPEC		
	0 PLC ±	108-2286	APPLICATION SPEC		SIZE A100779C=2170287
	1 PLC ±0.35	114-13217	WEIGHT		
	2 PLC ±0.25		CUSTOMER DRAWING		
MATERIAL		FINISH		RESTRICTED TO	
-		-		-	
ANGLES		SCALE		1:1	
FINISH		SHEET		4 OF 8	
		REV		A	



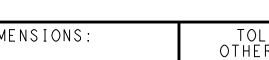


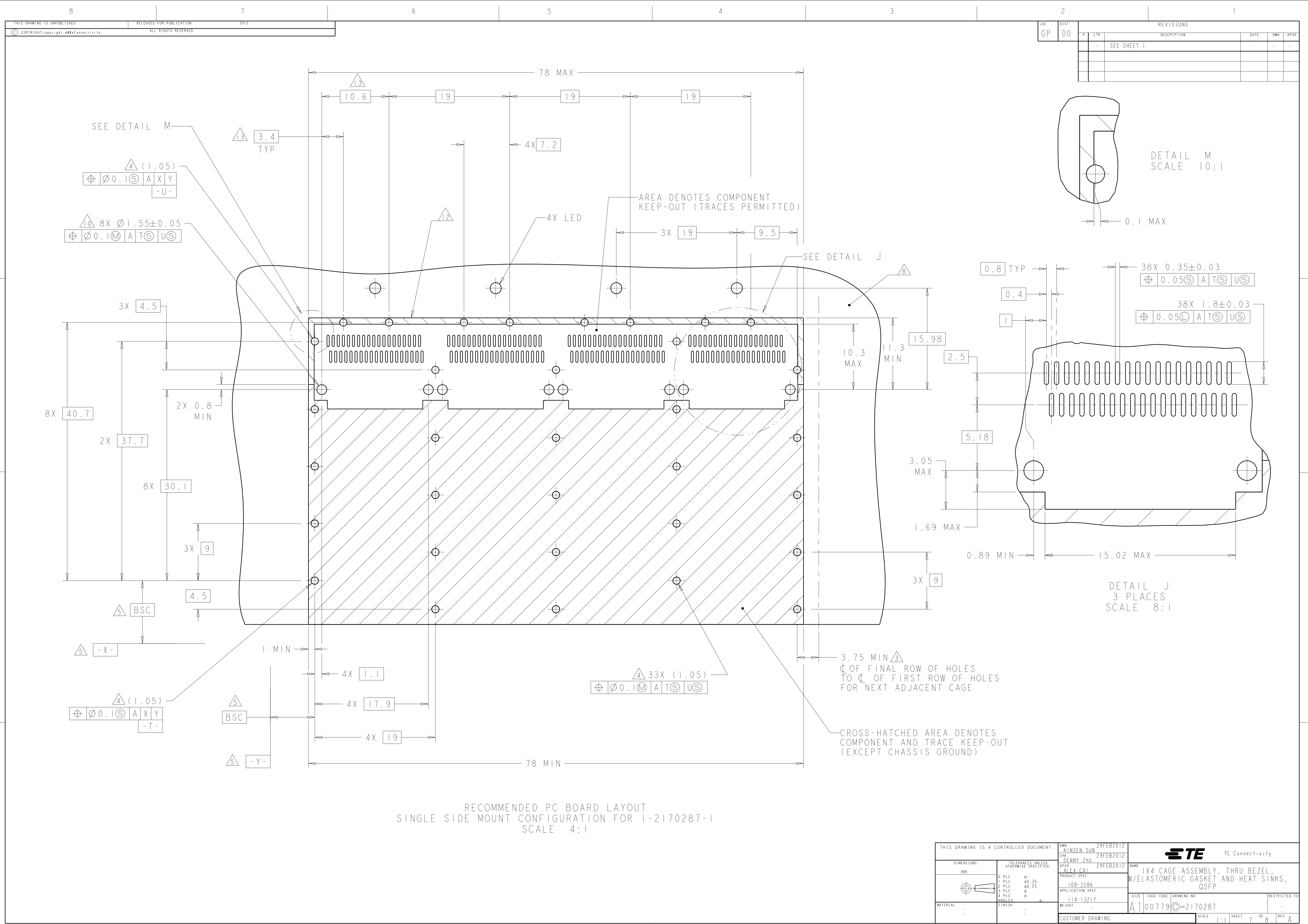
DETAIL M
SCALE 10:1



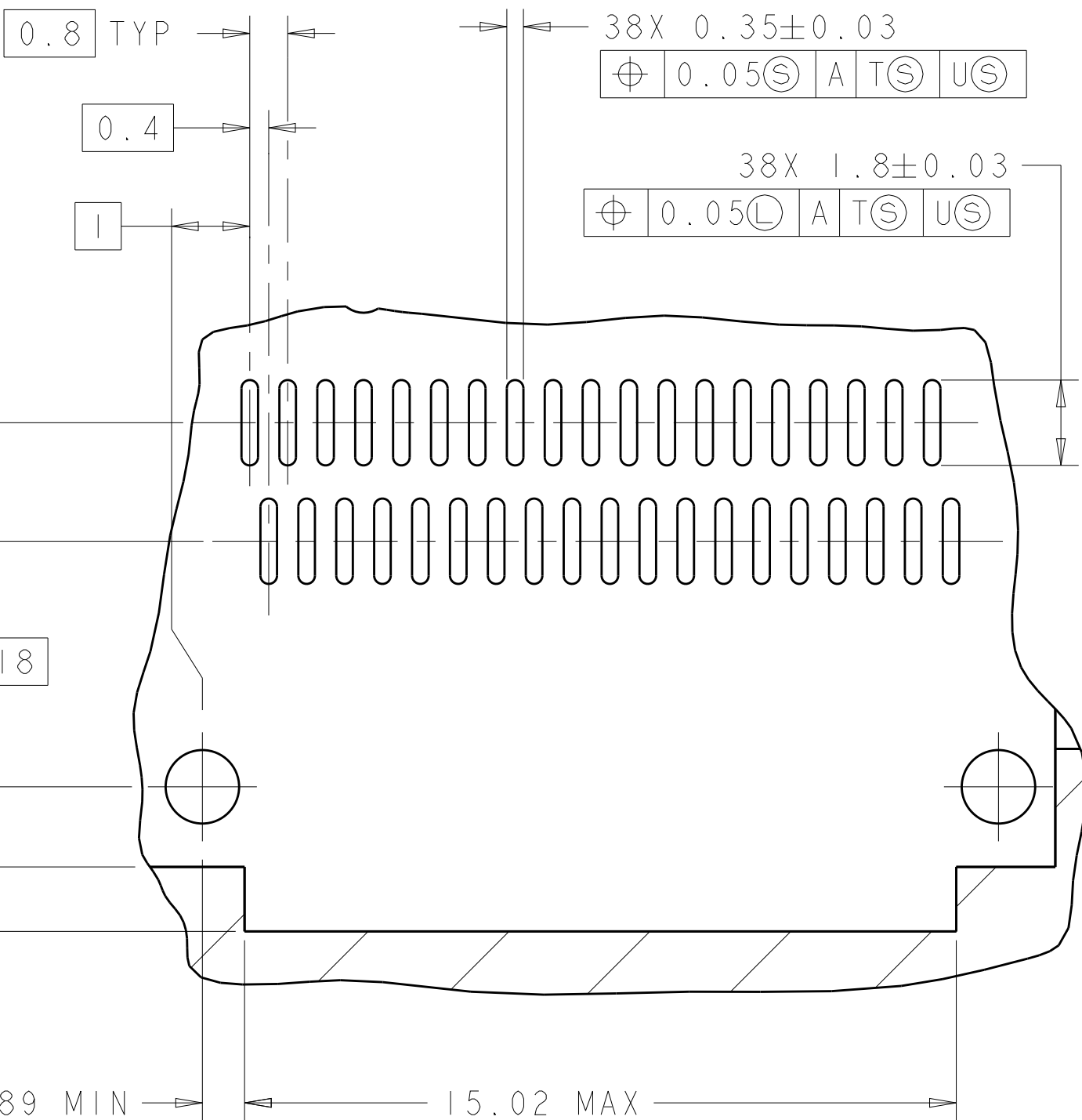
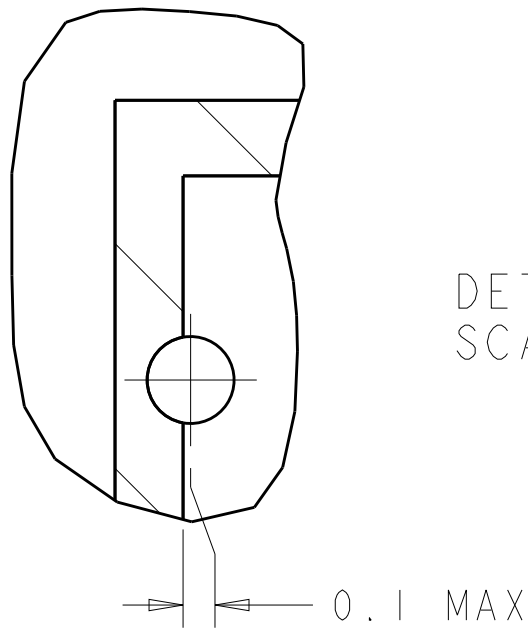
DETAIL J
3 PLACES
SCALE 8:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN	29FEB2012		TE Connectivity				
		CHK DENNY ZHU	29FEB2012		NAME IX4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP				
		APVD ALEX CAI	29FEB2012						
DIMENSIONS: (mm)	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2286		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
	0 PLC ± 1 PLC +0.35 2 PLC +0.25 3 PLC ± 4 PLC ± ANGLES ±	APPLICATION SPEC 114-13217		A1		00779	C=2170287	-	
MATERIAL -	FINISH -	WEIGHT -		CUSTOMER DRAWING		SCALE 1 : 1	SHEET 6 OF 8	REV Δ	



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

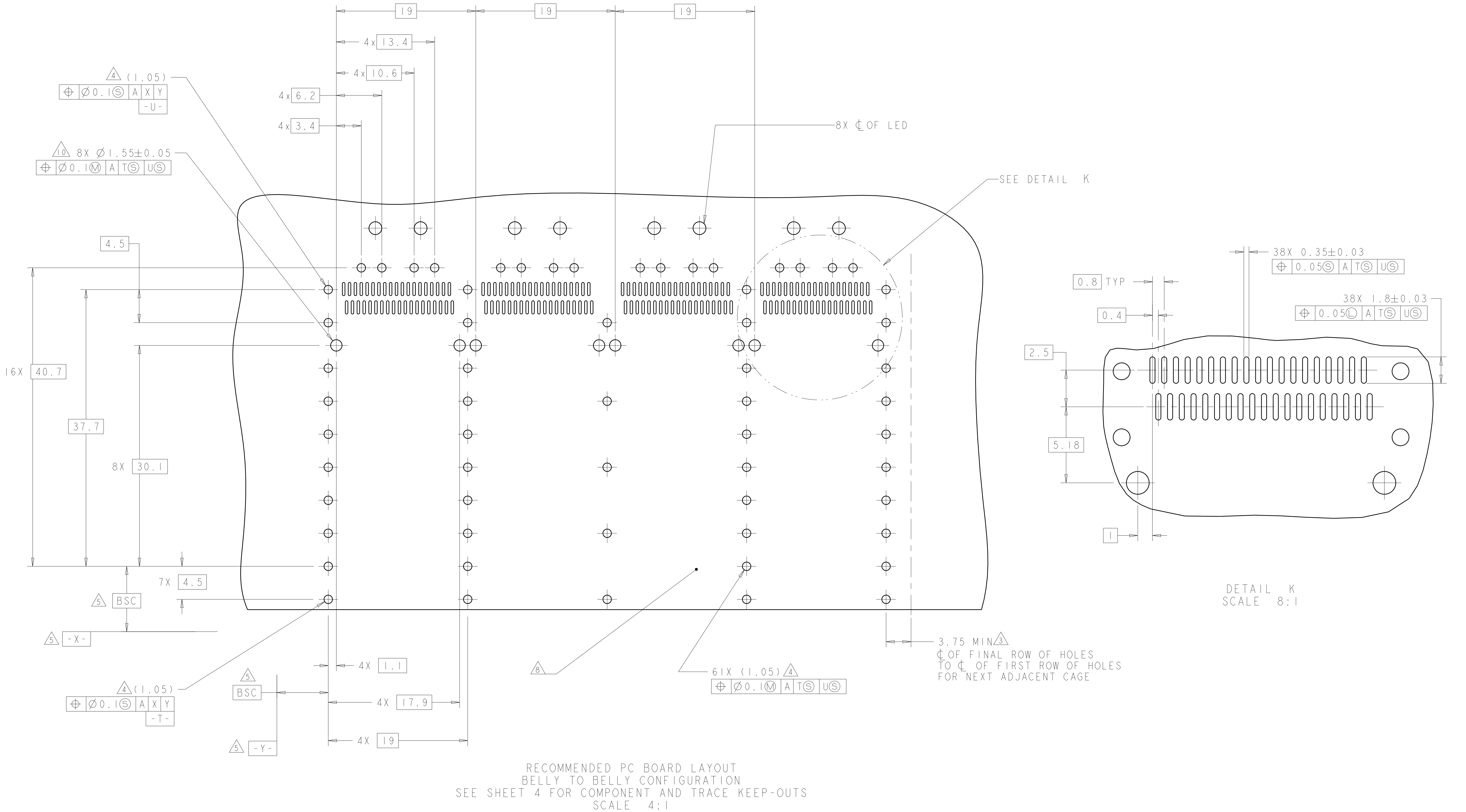


DETAIL J
3 PLACES
SCALE 8:1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		SIZE	
mm	0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ±.35 4 PLC ±.35 ANGLES ±.35 FINISH	APPLICATION SPEC		CAGE CODE	
MATERIAL		114-13217		DRAWING NO	
		WEIGHT		RESTRICTED TO	
		CUSTOMER DRAWING		A100779C=2170287	
		SCALE 1:1		SHEET 7 OF 8	
				REV A	

LOC	DIST	REVISONS				
		P	LTR	DESCRIPTION	DATE	DWN
GP	00	-	-	SEE SHEET 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: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ±.35 4 PLC ±.35 ANGLES FINISH		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
MATERIAL -		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217		SIZE A100779	
CUSTOMER DRAWING		WEIGHT -		RESTRICTED TO -	
SCALE 1:1		SHEET 8 OF 8		REV A	

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- 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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Email: org@lifeelectronics.ru

www.lifeelectronics.ru