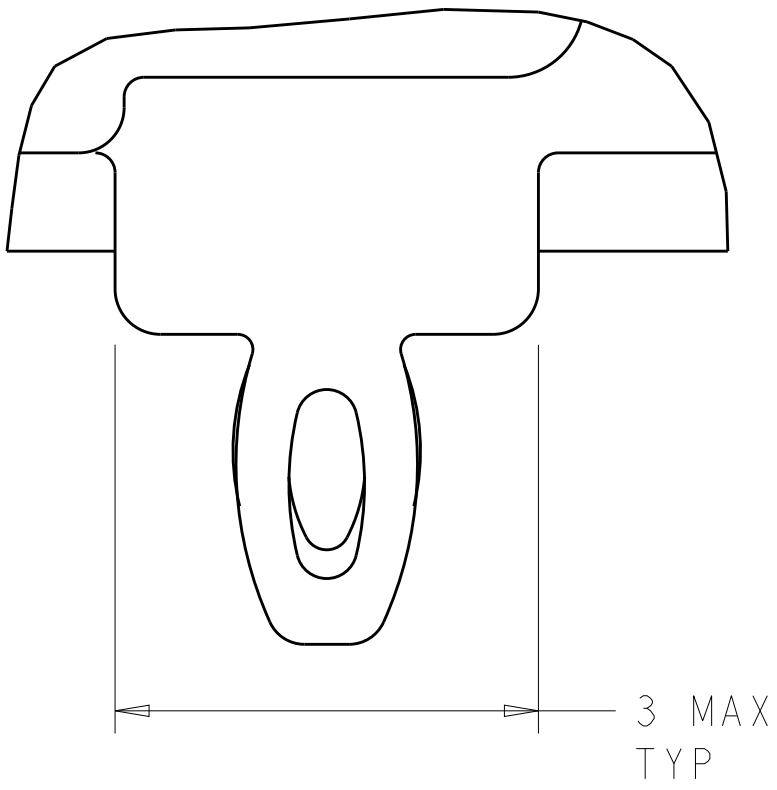


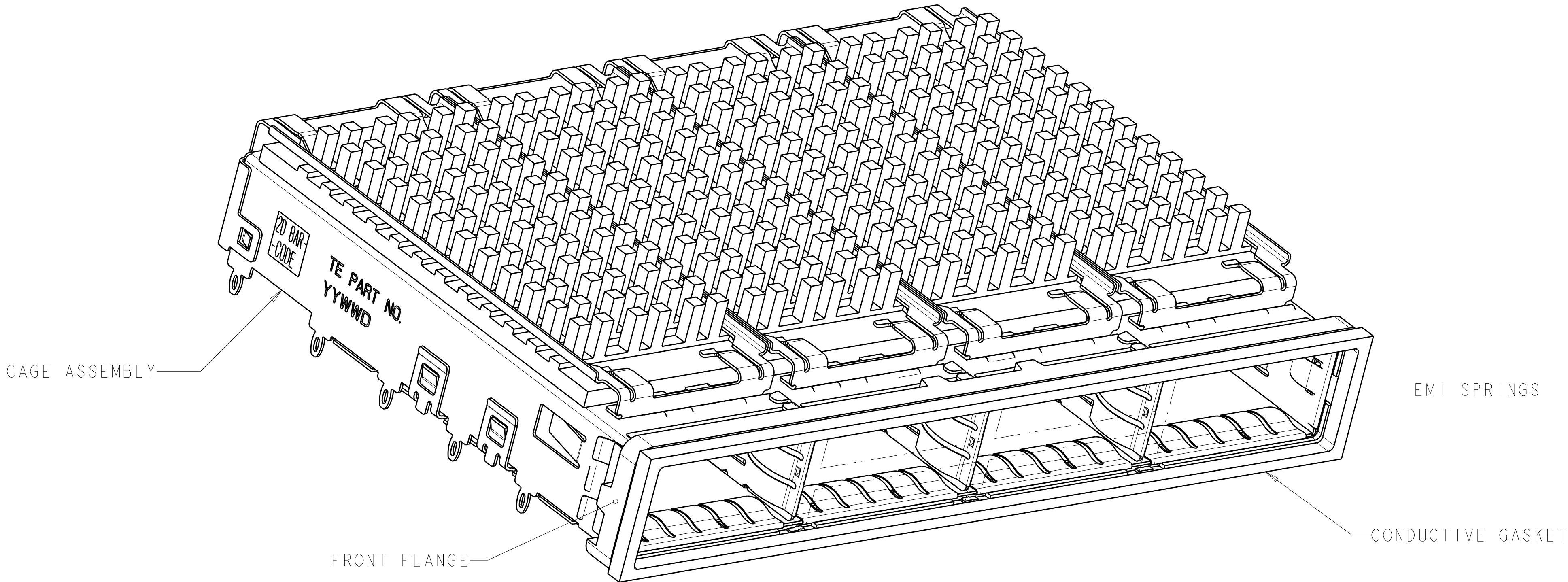
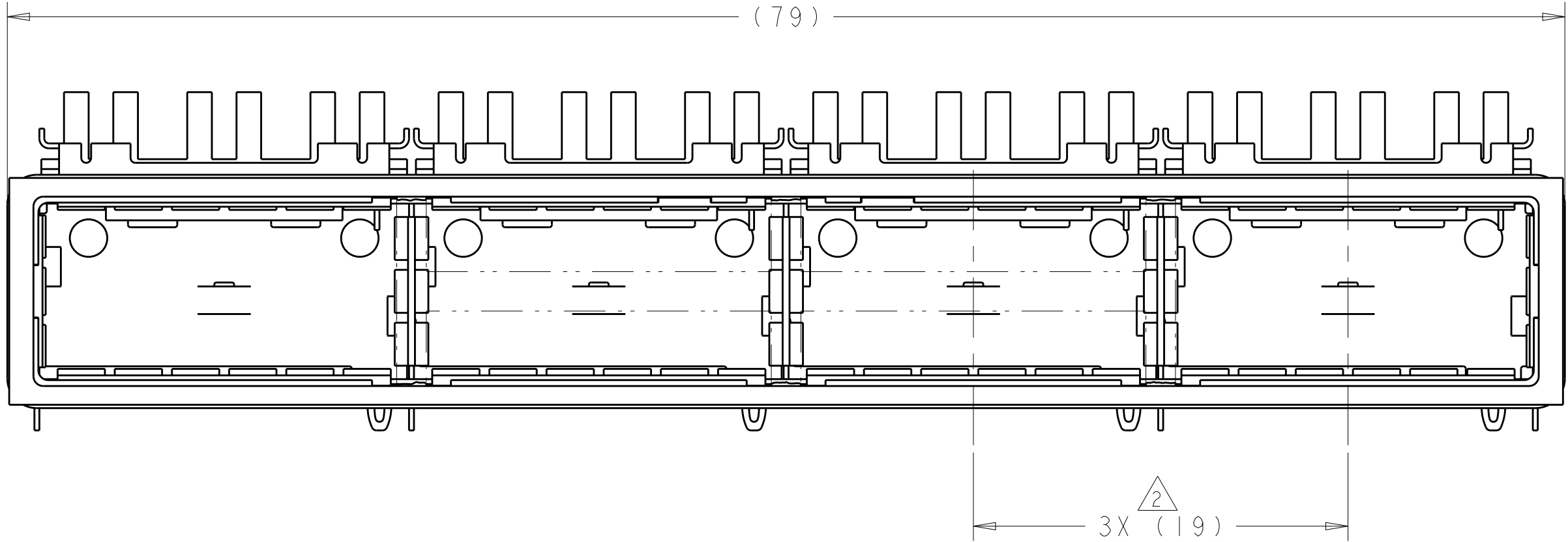
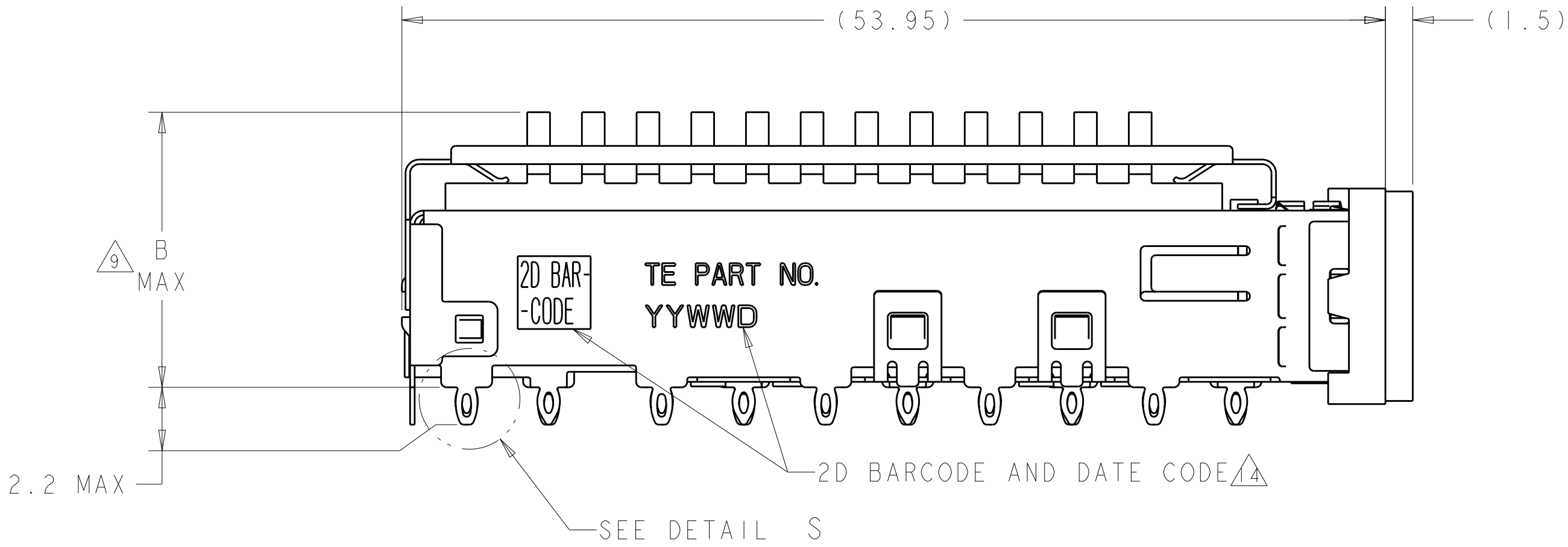
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		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		I	PRELIMINARY	23FEB2012	KS	AC
			A	REVISED PER ECR-12-006970	17APR2012	KS	AC
			B	REVISED PER ECO-15-005721	4AUG2015	RG	SH



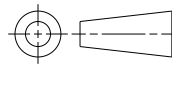
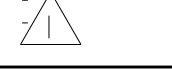
DETAIL S 
SCALE 20:1

-  CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
CONDUCTIVE GASKET MATERIAL: RUBBER FOAM
-  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 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
-  DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
-  DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD, SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45mm
DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 2.2mm PER QSFP.
-  HEAT SINKS AND CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
-  DATUM  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 S, CONTACT PC BOARD.
-  BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
-  2D BARCODE AND DATE CODE (YYWWD) MARKED ON SIDE OF CAGE.
-  REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.
-  EMI SPRING FINISH: 2µm MINIMUM TIN
FRONT FLANGE FINISH: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL OVER 5.08µm MINIMUM COPPER.
HEAT SINK FINISH: NICKEL.



23.0	NETWORKING	2174754-3
16.0	SAN	2174754-2
13.7	PCI	2174754-1
B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: KINSEN SUN 22FEB2012	 TE Connectivity	
DIMENSIONS: mm		CHK: DENNY ZHU 22FEB2012		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: 1X4 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, CONDUCTIVE GASKET, QSFP	
	0 PLC ±.1		SIZE: CAGE CODE: DRAWING NO: A100779C=2174754	
	1 PLC ±0.1		RESTRICTED TO: -	
	2 PLC ±0.1		SCALE: 4:1 SHEET 1 OF 5 REV B	
	3 PLC ±0.013			
	4 PLC ±0.0001			
MATERIAL: 		APVD: ALEX CAI 22FEB2012		
ANGLES: 		PRODUCT SPEC: 108-2286		
FINISH: 		APPLICATION SPEC: 114-13218		
		WEIGHT: -		
		CUSTOMER DRAWING		

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

CONDUCTIVE GASKET
QUANTITY: 1

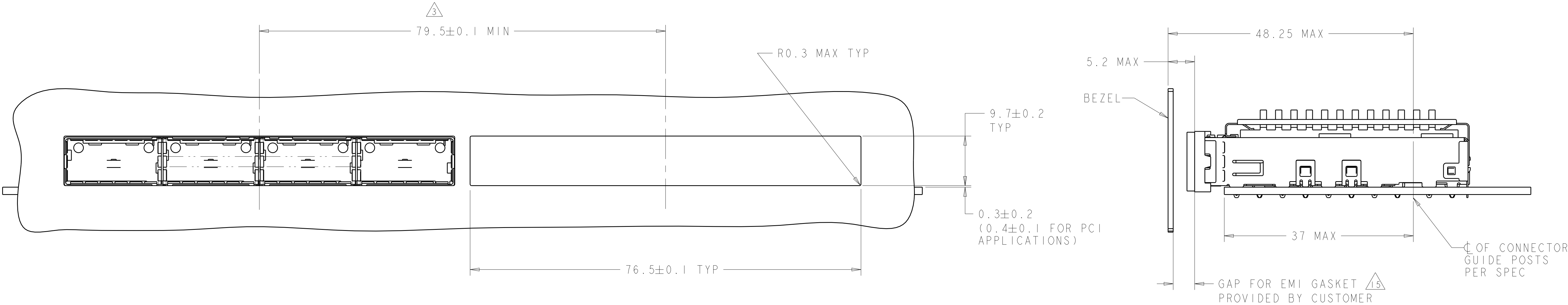
HEAT SINK CLIPS
QUANTITY: 4

72 PIN HEAT SINKS
QUANTITY: 4

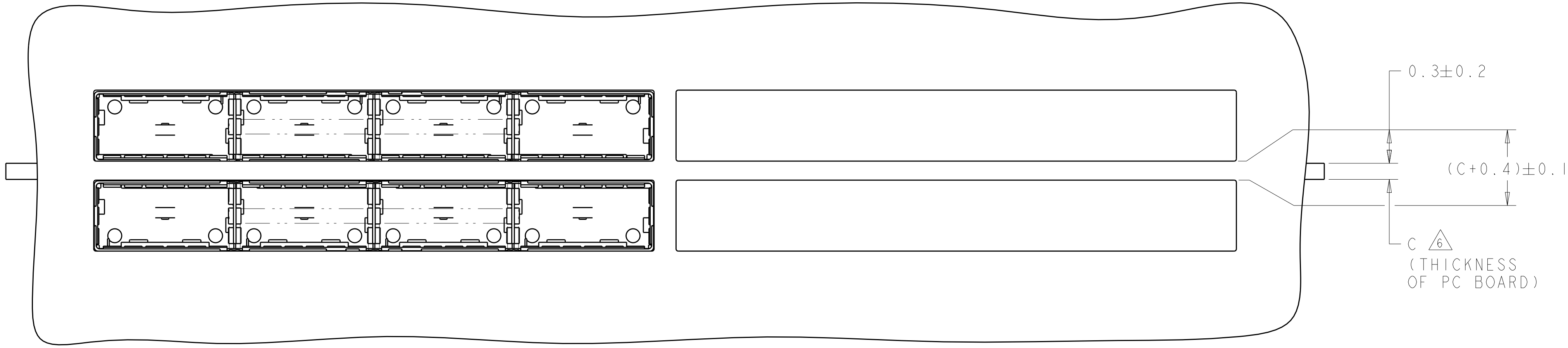
1X4 BEHIND BEZEL QSFP
CAGE ASSEMBLY
QUANTITY: 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	KINSEN SUN	22FEB2012	 TE Connectivity	
		CHK	DENNY ZHU	22FEB2012		
DIMENSIONS:		APVD	AILEY CAI	22FEB2012	NAME	
mm		PRODUCT SPEC				
		108-2286			1X4 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, CONDUCTIVE GASKET, QSFP	
		APPLICATION SPEC				
		114-13218				
		FINISH				
MATERIAL		WEIGHT		RESTRICTED TO		
-		-		-		
				A100779C=2174754		
		CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 5 REV B		

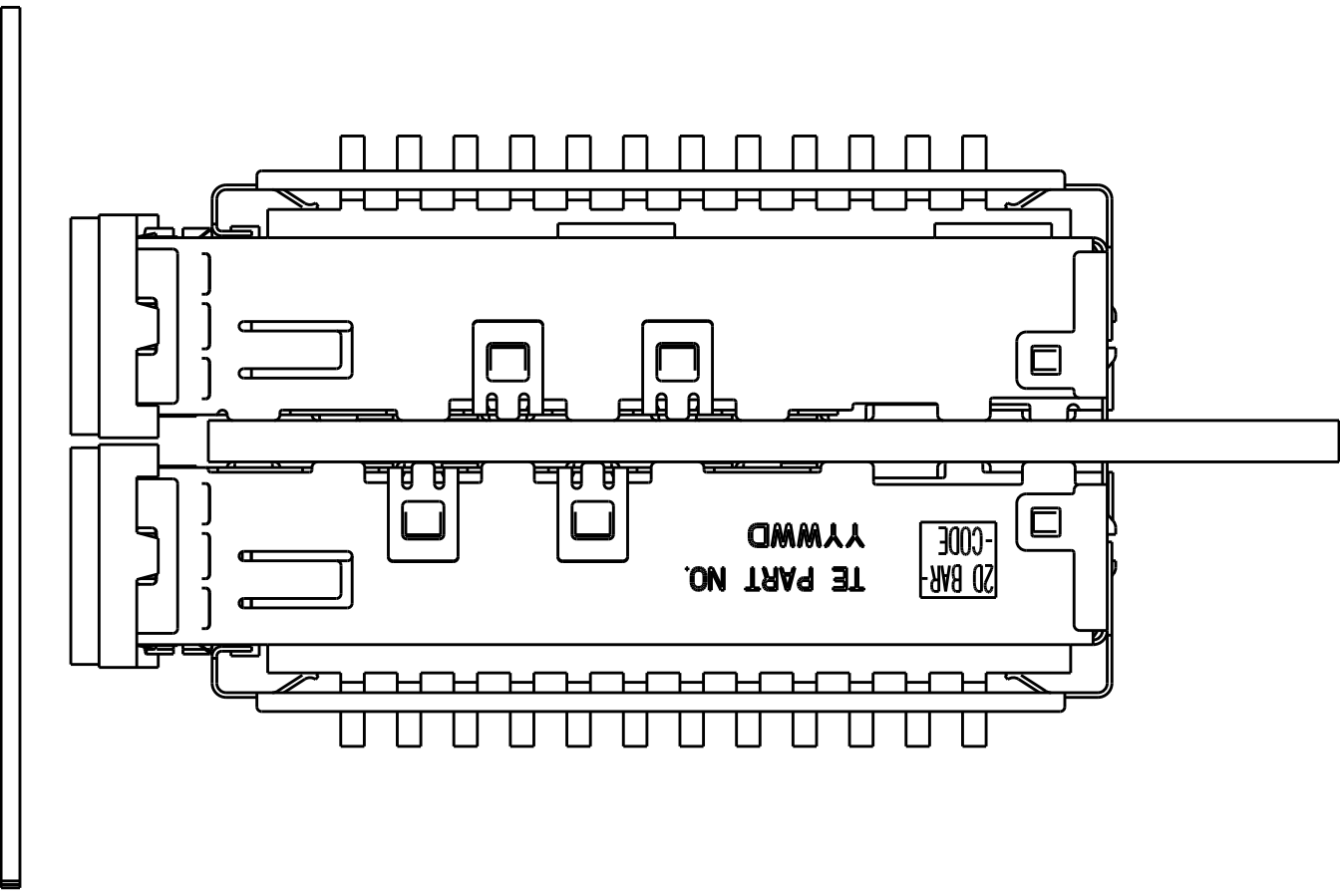
LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
				-		SEE SHEET 1	-



ONE SIDED CONFIGURATION
SCALE 5:2

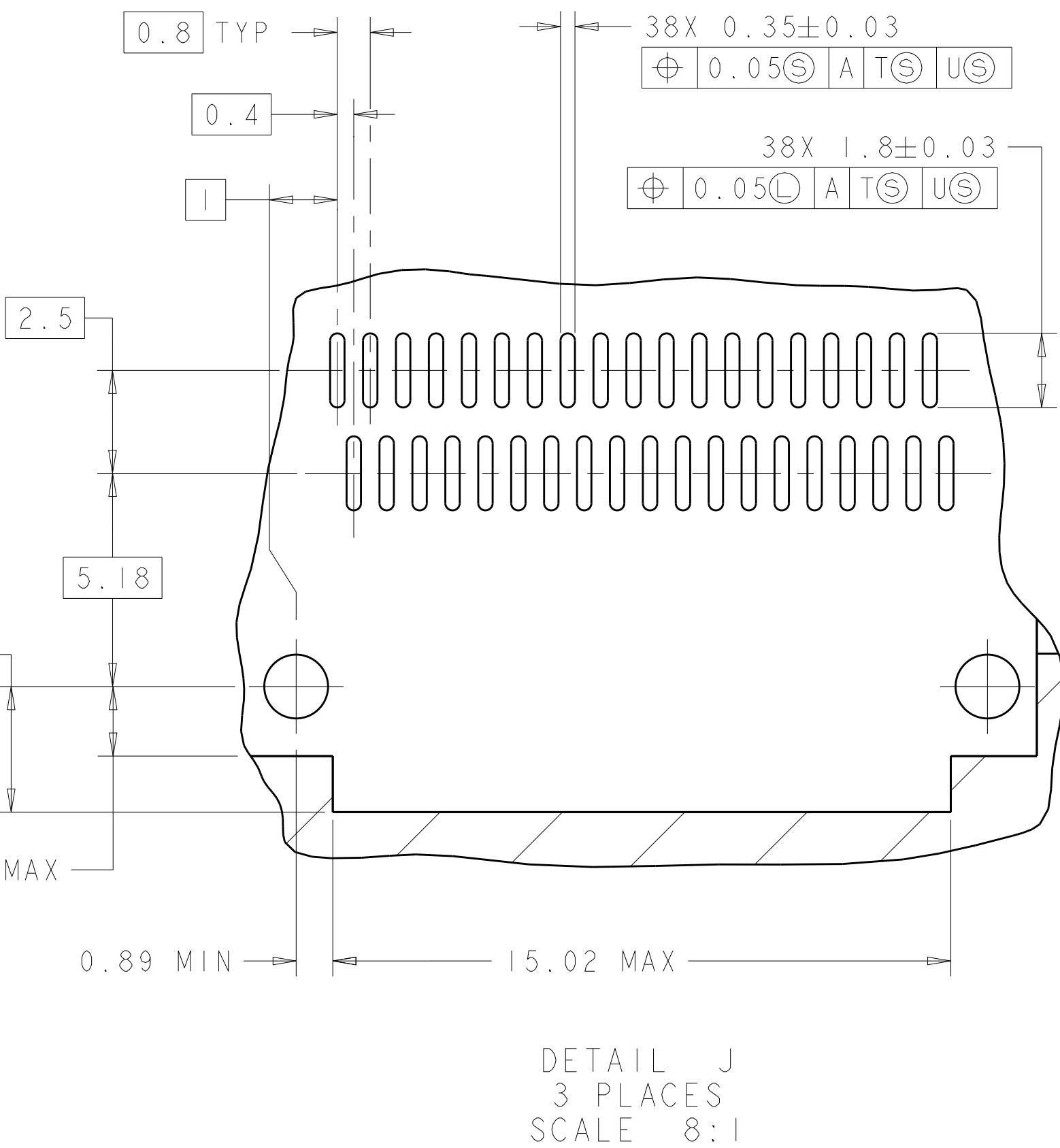
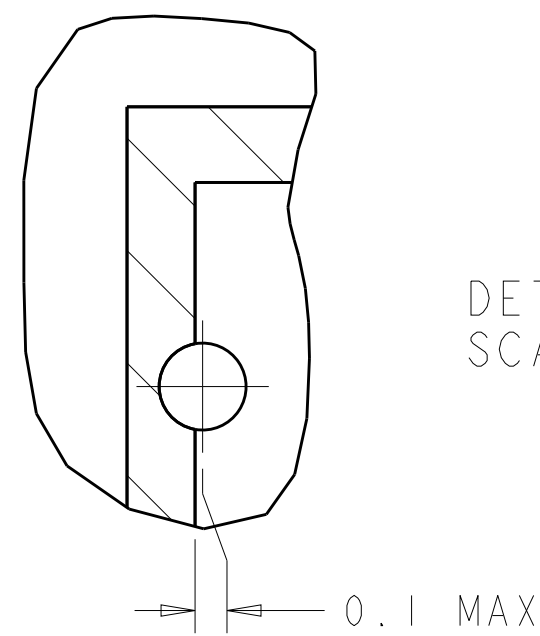
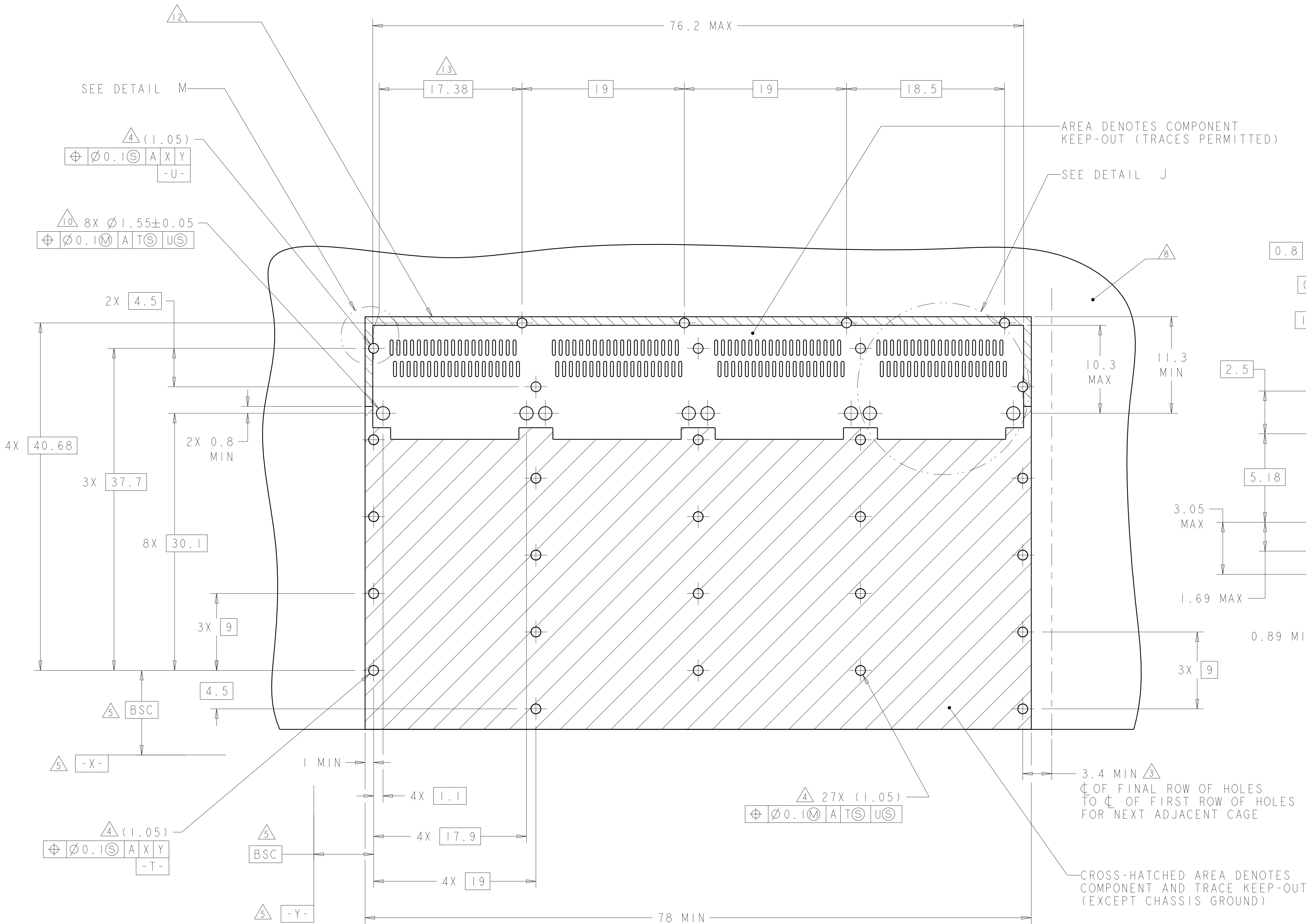


BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 5:2



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	KINSEN SUN	22FEB2012	 TE Connectivity			
		CHK	DENNY ZHU	22FEB2012				
DIMENSIONS:		APVD	AILEY CAI	22FEB2012	NAME 1X4 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, CONDUCTIVE GASKET, QSFP			
mm		PRODUCT SPEC						
		108-2286						
		APPLICATION SPEC						
		114-13218						
		WEIGHT						
		FINISH						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		1 PLOC ±.1					RESTRICTED TO	
		1 PLOC ±.01						
		2 PLOC ±.01						
		3 PLOC ±0.013						
		4 PLOC ±0.0001 ANGLES ±.1						
MATERIAL		CUSTOMER DRAWING					SCALE 4:1	
					SHEET 3 of 5			
					REV B			

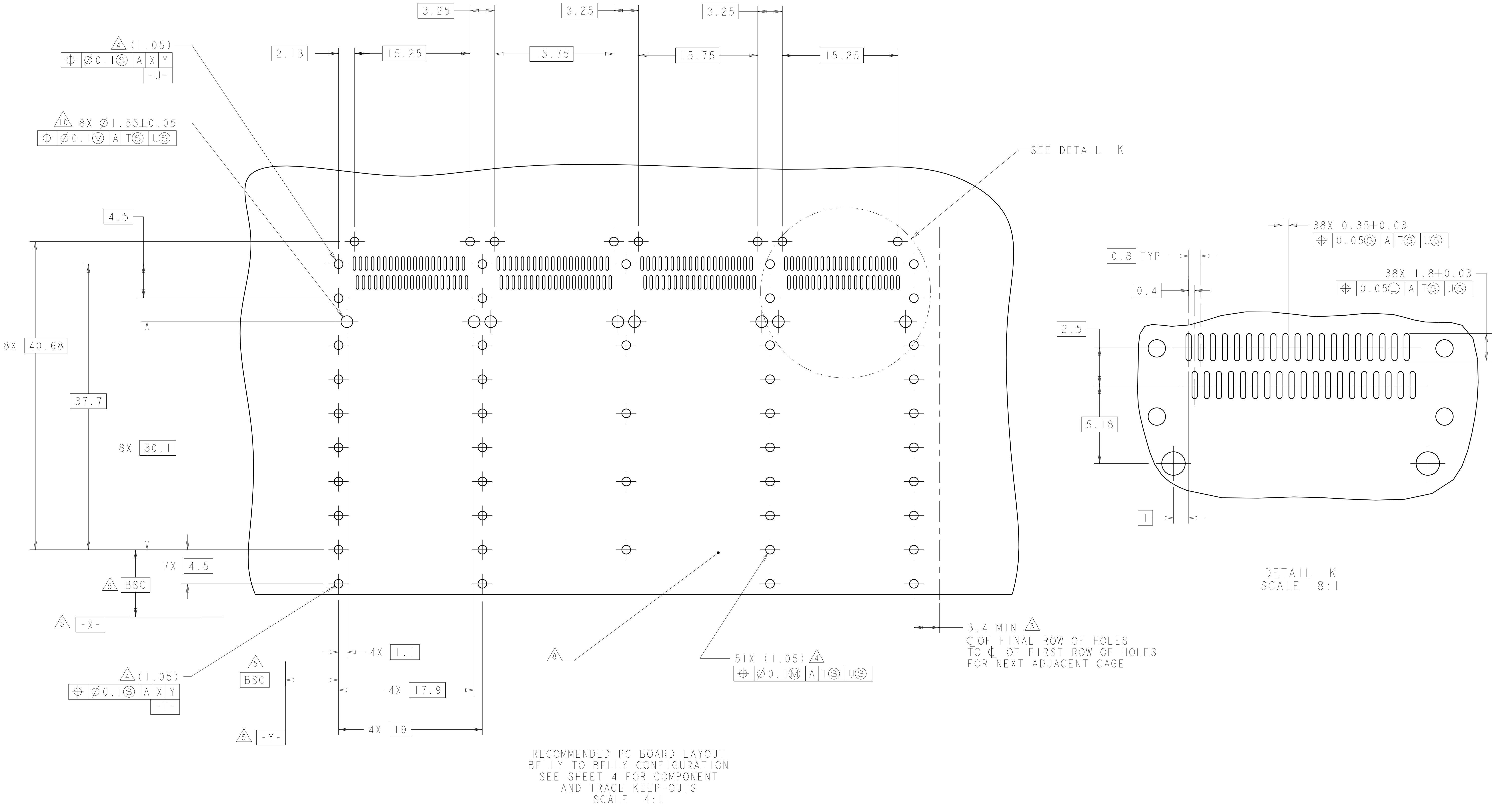
LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	22FEB2012 22FEB2012 22FEB2012	NAME 1X4 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, CONDUCTIVE GASKET, QSFP	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
mm		0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001		APPLICATION SPEC	
MATERIAL		FINISH		RESTRICTED TO	
-		-		A100779C=2174754	
CUSTOMER DRAWING		SCALE 4:1		SHEET 4 OF 5	
				REV B	

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	KINSEN SUN	22FEB2012	TE Connectivity	
		CHK	DENNY ZHU	22FEB2012		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME	
		0 PLC $\pm .1$ 1 PLC ± 0.1 2 PLC ± 0.1 3 PLC ± 0.013 4 PLC ± 0.0001 ANGLES $\pm .1$ FINISH			1X4 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, CONDUCTIVE GASKET, QSFP	
MATERIAL	-	PRODUCT SPEC			SIZE	
		108-2286			CAGE CODE	
-	-	APPLICATION SPEC			DRAWING NO	
		114-13218			RESTRICTED TO	
-	-	WEIGHT			A100779C=2174754	
		CUSTOMER DRAWING			SCALE 4:1 SHEET 5 OF 5 REV B	



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

Электронная почта: org@eplast1.ru

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