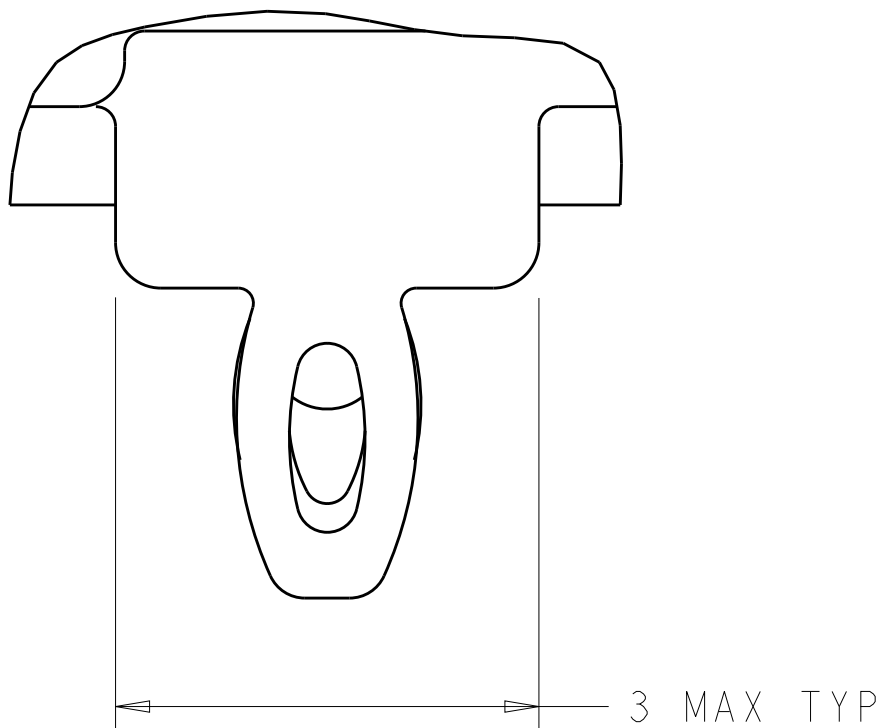


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		4	UPDATED VIEWS	30MAR2011	AL	CW	
			5	REVISED PER ECO-12-003841	14MAR2012	TY	KS	
			6	REVISED PER ECO-12-005533	05APR2012	JY	AC	
			A	REVISED PER ECO-15-000148	10APR2015	RG	MC	



DETAIL S
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
FRONT FLANGE MATERIAL: ZINC ALLOY

- 2 PITCH BETWEEN PORTS OF ONE 1X6 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 114-13218 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 = 2.2mm PER QSFP.

7. HEAT SINKS 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.

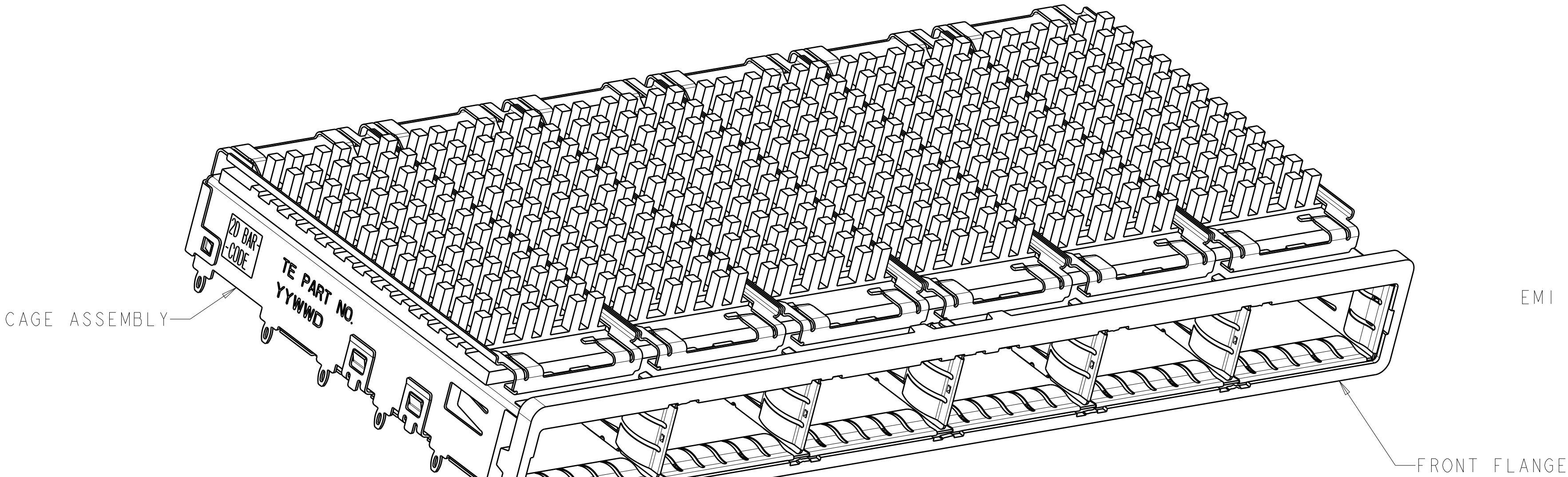
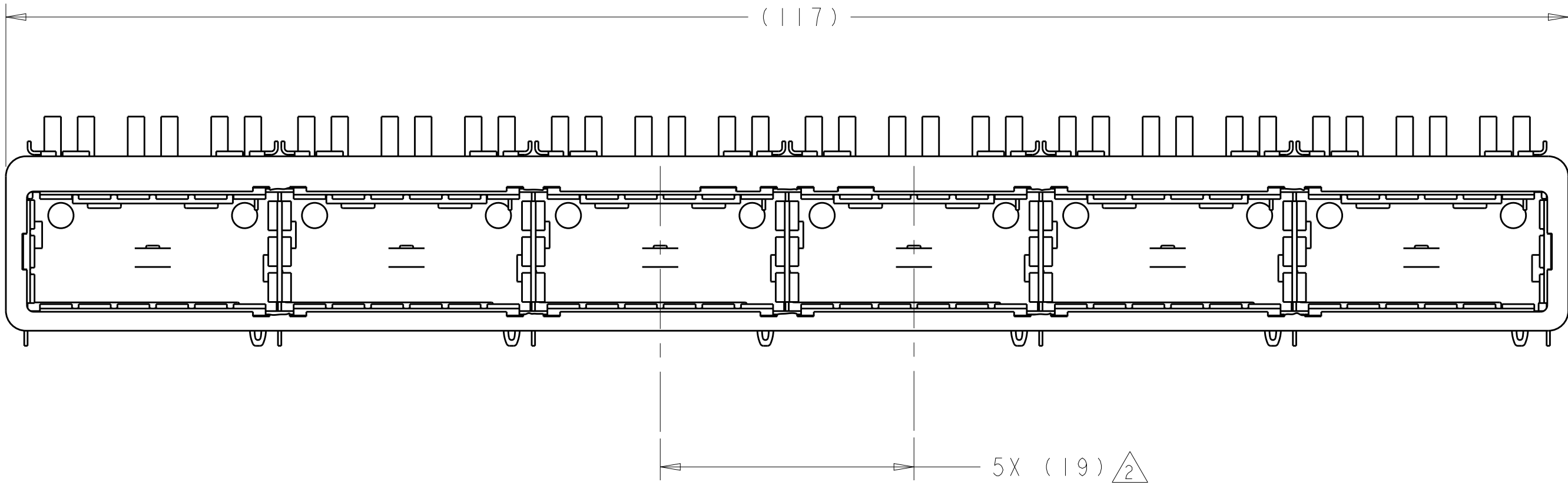
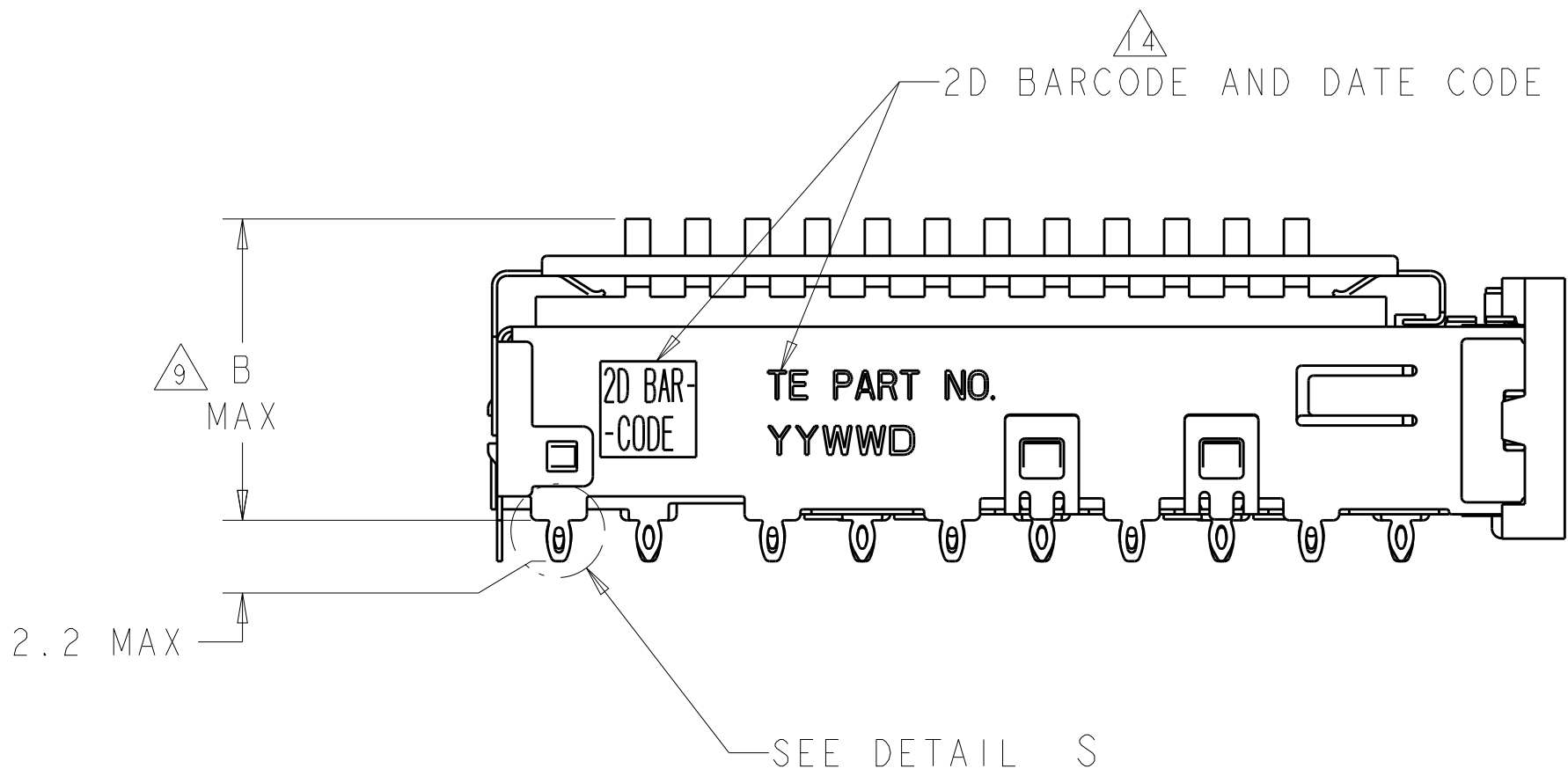
- 12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.

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

- 14 2D BARCODE AND DATE CODE (YYWWD) MARKED ON SIDE OF CAGE.

- 15 REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.

- 16 EMI SPRING FINISH: 2um MINIMUM TIN
FRONT FLANGE FINISH: 3um MINIMUM TIN OVER 1.27um MINIMUM NICKEL
OVER 5.08um MINIMUM COPPER.
HEAT SINK FINISH: NICKEL



23.0	NETWORKING	2143330-3
16.0	SAN	2143330-2
13.7	PCI	2143330-1
B	HEAT SINK PROFILE	PART NUMBER

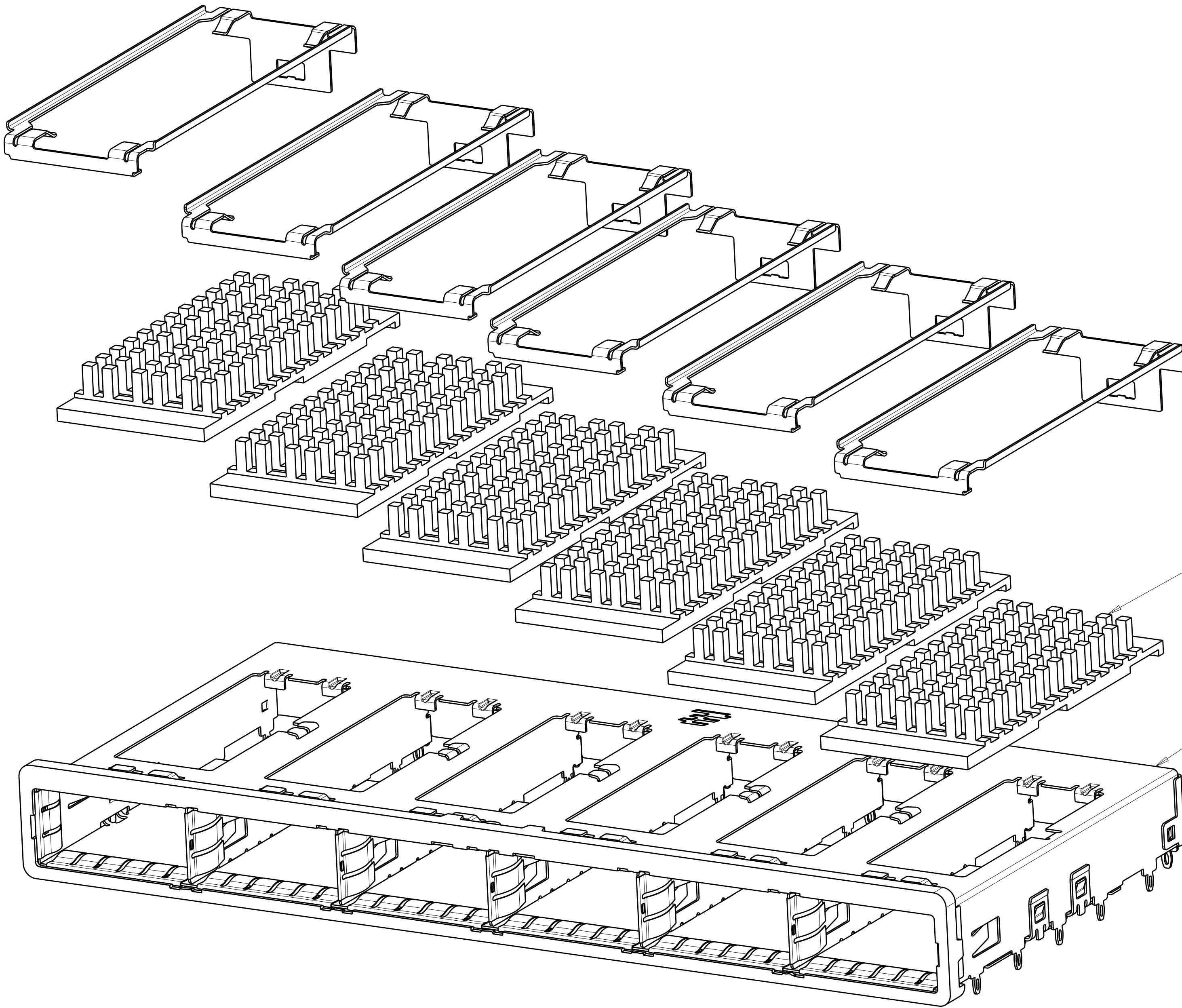
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	17MAR2010 17MAR2010 17MAR2010
DIMENSIONS:		PRODUCT SPEC	
mm		108-2286	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	
0 PLC ±.1		114-13218	
1 PLC ±0.1		WEIGHT	
2 PLC ±.1		Customer Drawing	
3 PLC ±.		SCALE 3:1	
4 PLC ±.		SHEET 1 OF 5	
ANGLES ±.		REV A	
FINISH			

TE Connectivity

1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP

SIZE CAGE CODE DRAWING NO
A100779C=2143330

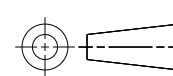
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

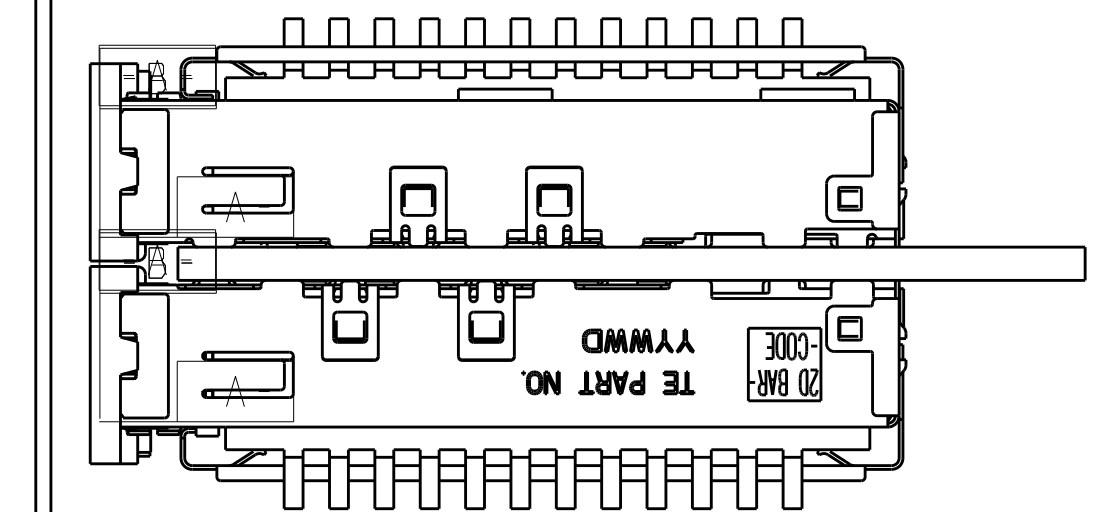
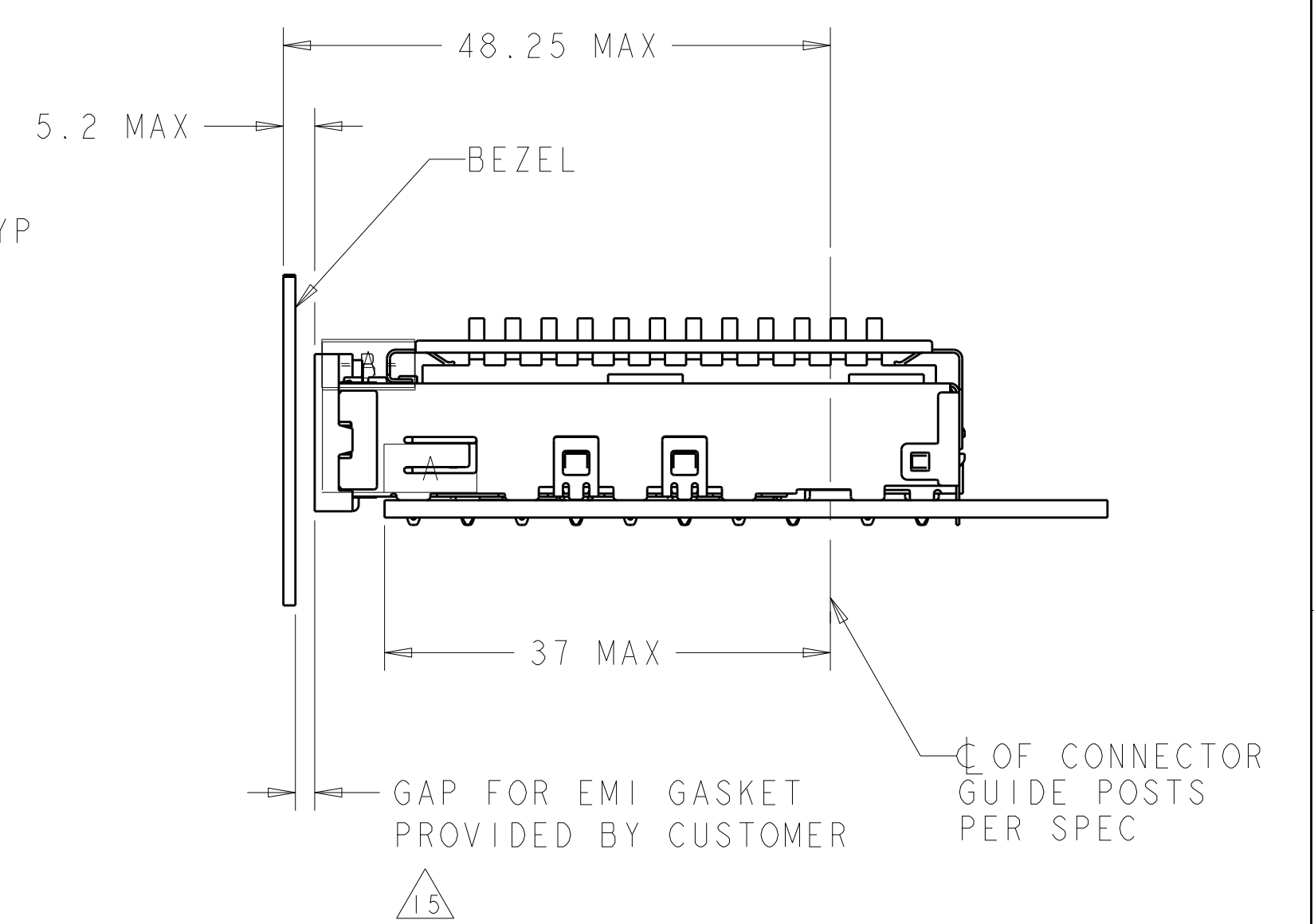


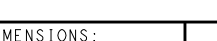
HEAT SINK CLIPS
QUANTITY: 6

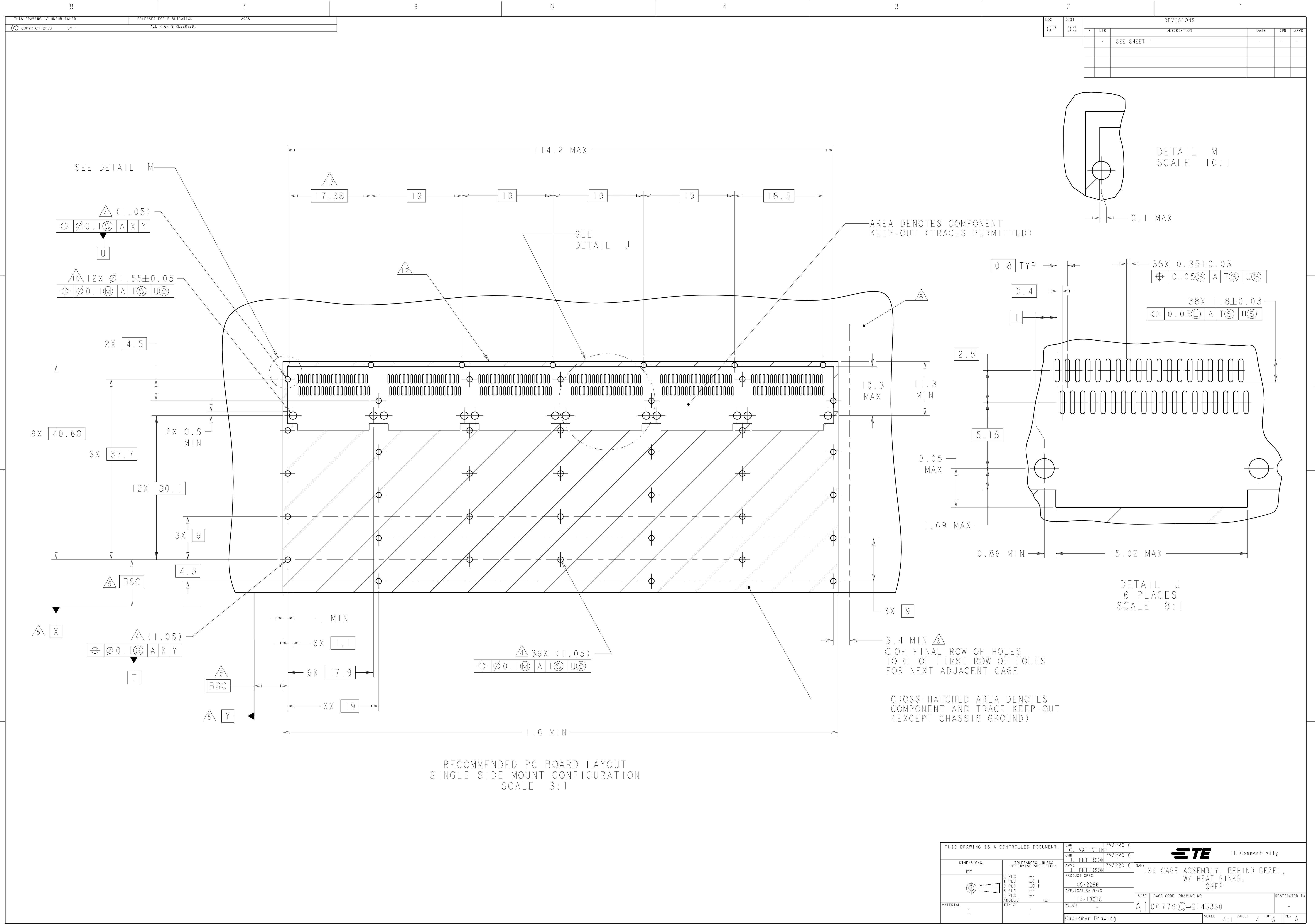
72 PIN HEAT SINKS
QUANTITY: 6

1X6 BEHIND BEZEL QSFP
CAGE ASSEMBLY
QUANTITY: 1

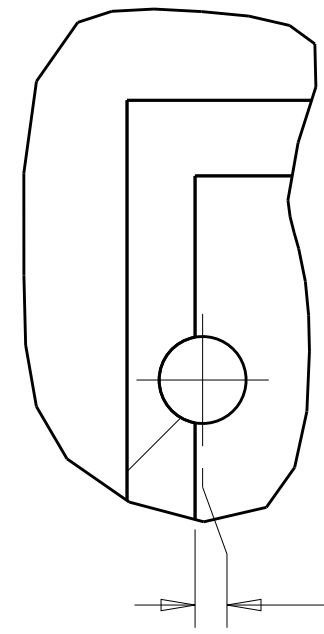
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C. VALENTINE	17MAR2010	 TE Connectivity		
		CHK	J. PETERSON	17MAR2010			
DIMENSIONS:		APVD	J. PETERSON	17MAR2010	NAME	1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
mm		PRODUCT SPEC					
		108-2286			SIZE	CAGE CODE	
		APPLICATION SPEC					
		114-13218					
		WEIGHT					
MATERIAL		Customer Drawing			RESTRICTED TO		
					A100779C=2143330		
					SCALE 3:1		
					SHEET 2 OF 5		
					REV A		



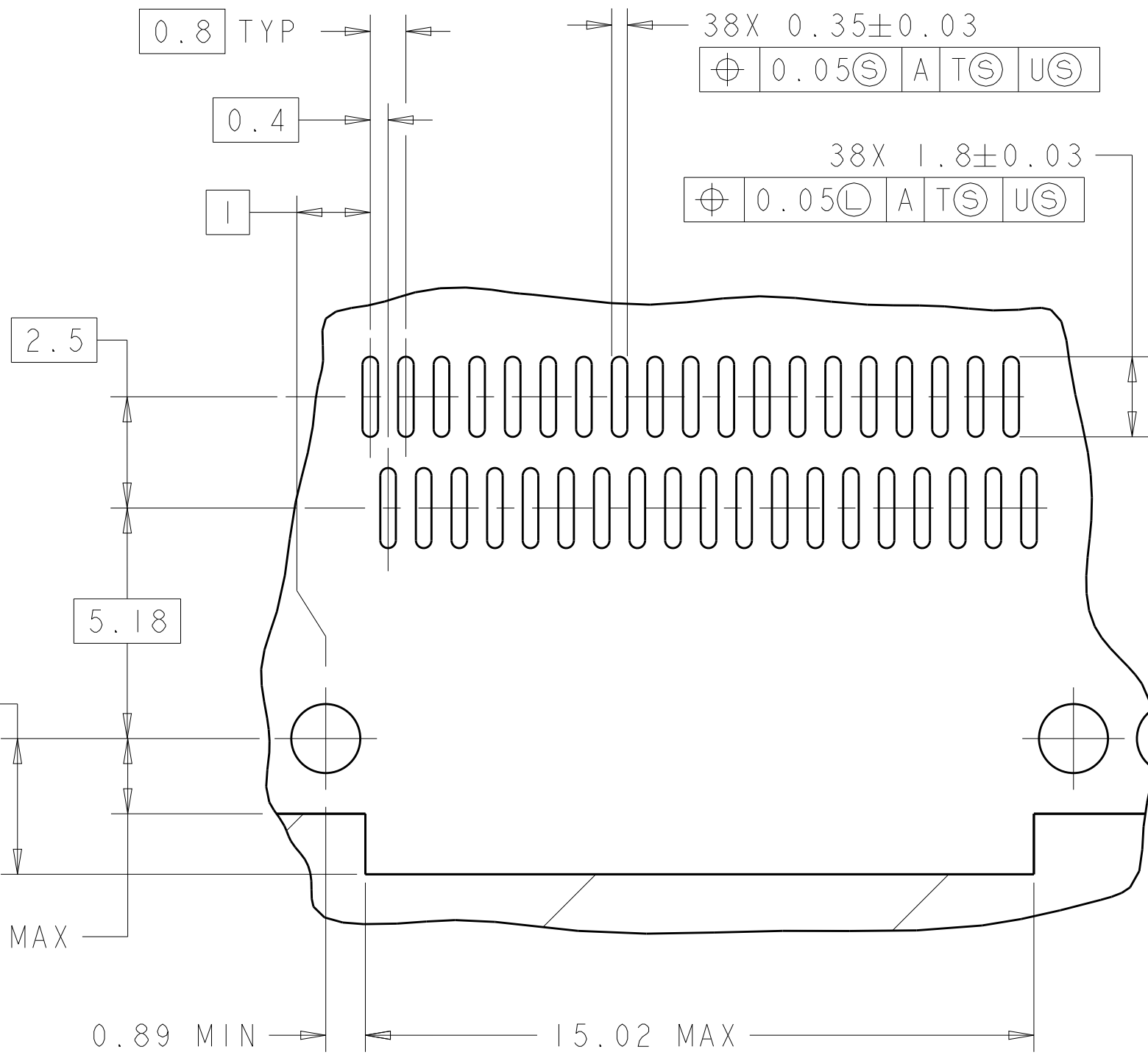
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 17MAR2010 C. VALENTINE CHK 17MAR2010 J. PETERSON APVD 17MAR2010 J. PETERSON		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 3 PLC ±0.1 4 PLC ± ANGLES ±		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
MATERIAL -		FINISH -		WEIGHT -	
CUSTOMER DRAWING -		SIZE A1		CAGE CODE 100779	
DRAWING NO C-2143330		RESTRICTED TO -		SCALE 3:1	
SHEET 3		OF 5		REV A	



LOC		DIST		REVISIONS			
GP		00		REV	DATE	OWN	APVD
				1	SEE SHEET 1	-	-
				2			
				3			
				4			
				5			



DETAIL M
SCALE 10:1

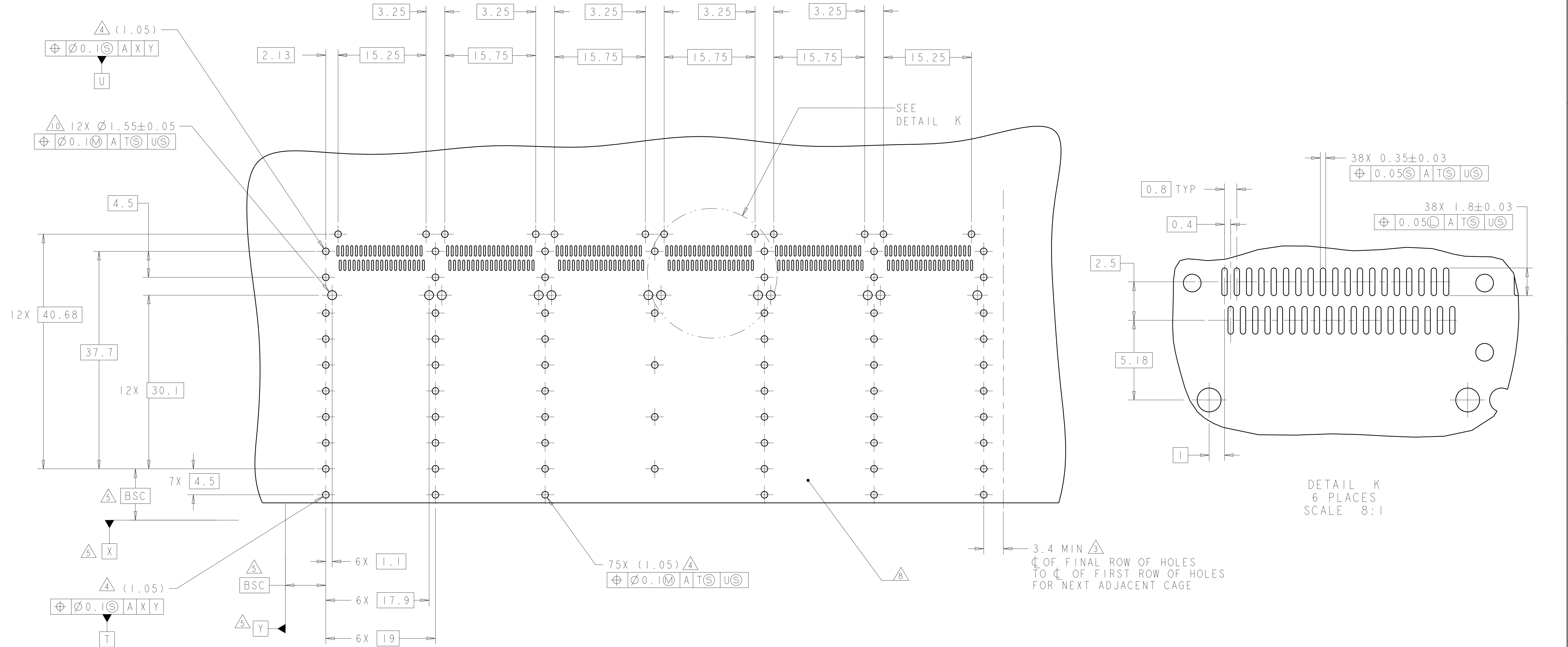


DETAIL J
6 PLACES
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	7MAR2010 7MAR2010 7MAR2010	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1 FINISH		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218 WEIGHT		SIZE A100779C=2143330	
MATERIAL		Customer Drawing		RESTRICTED TO SCALE 4:1 SHEET 4 OF 5 REV A	

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



RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR COMPONENT AND TRACE KEEP-OUTS
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. VALENTINE	7MAR2010	 TE Connectivity		
DIMENSIONS: mm		CHK J. PETERSON	7MAR2010			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± FINISH	APVD J. PETERSON	7MAR2010	NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP		
		PRODUCT SPEC		SIZE A1		
		APPLICATION SPEC		CAGE CODE 00779		
		WEIGHT		DRAWING NO C=2143330		
MATERIAL	-	Customer Drawing		SCALE 4:1	SHEET 5 OF 5	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

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.