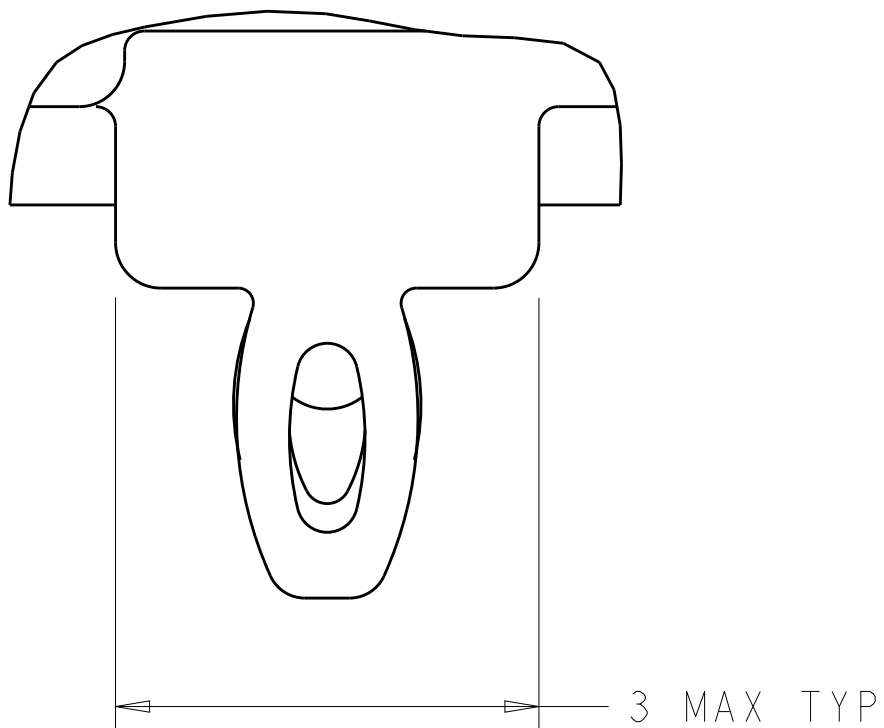


LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			2	UPDATED VIEWS	04JUN2010	CJV	JRP	
			3	REVISED PER ECO-12-003841	14MAR2012	TY	KS	
			4	REVISED PER ECR-12-006970	17APR2012	KS	AC	
			5	REVISED PER ECO-15-005721	4AUG2015	RG	SH	



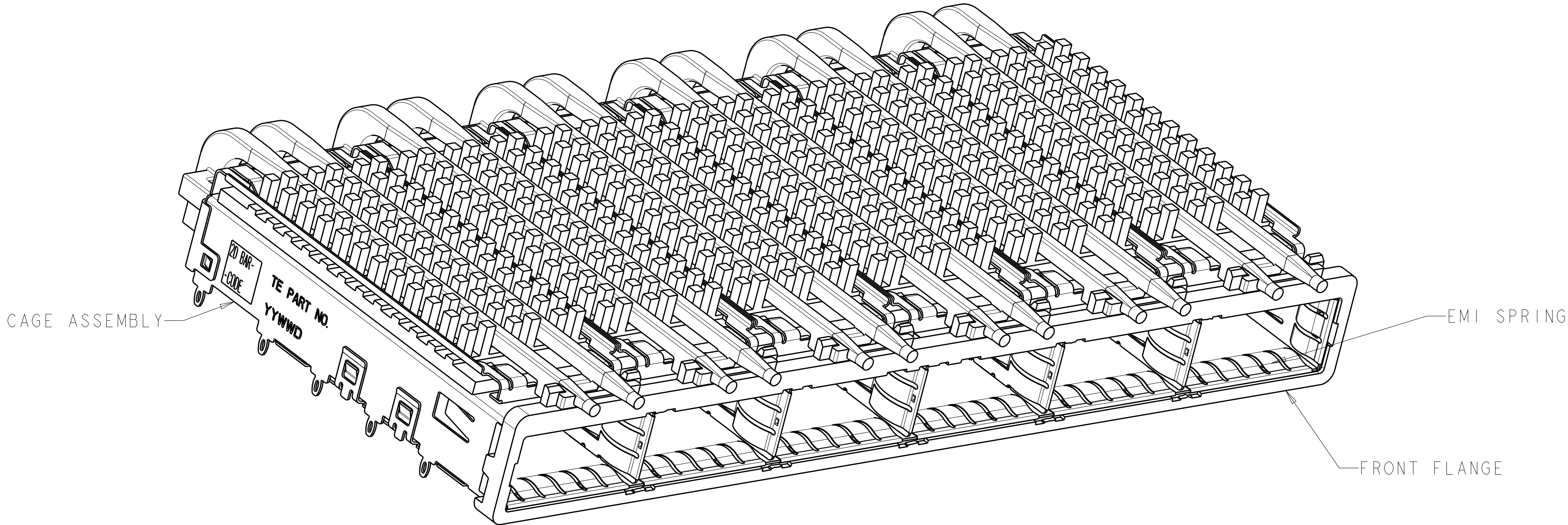
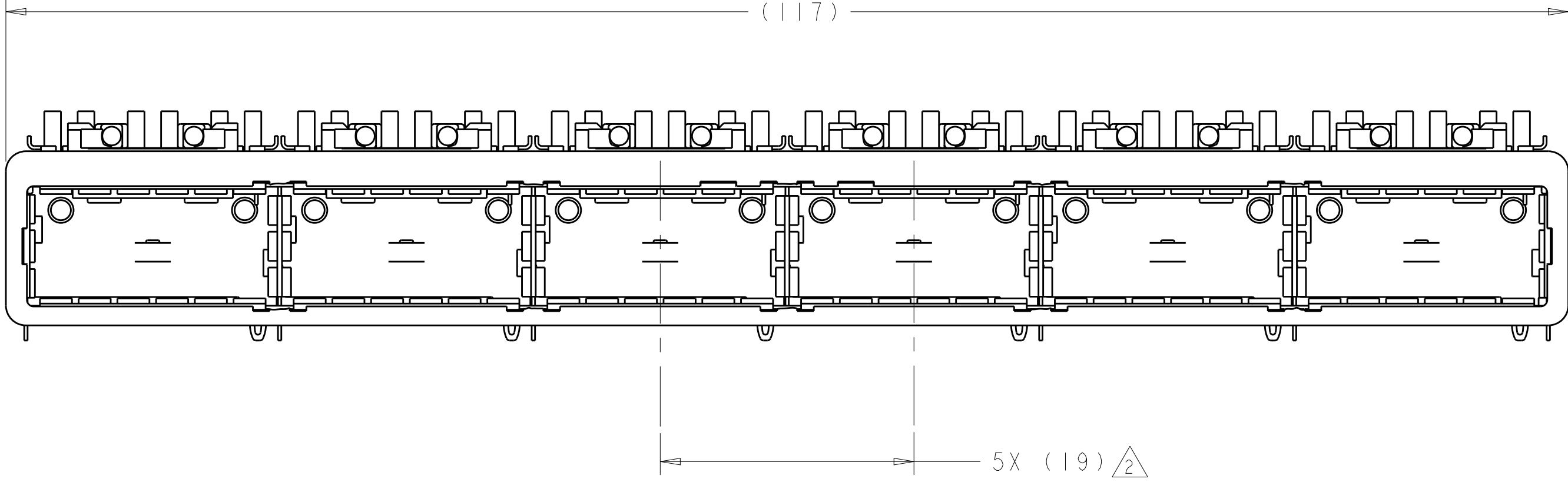
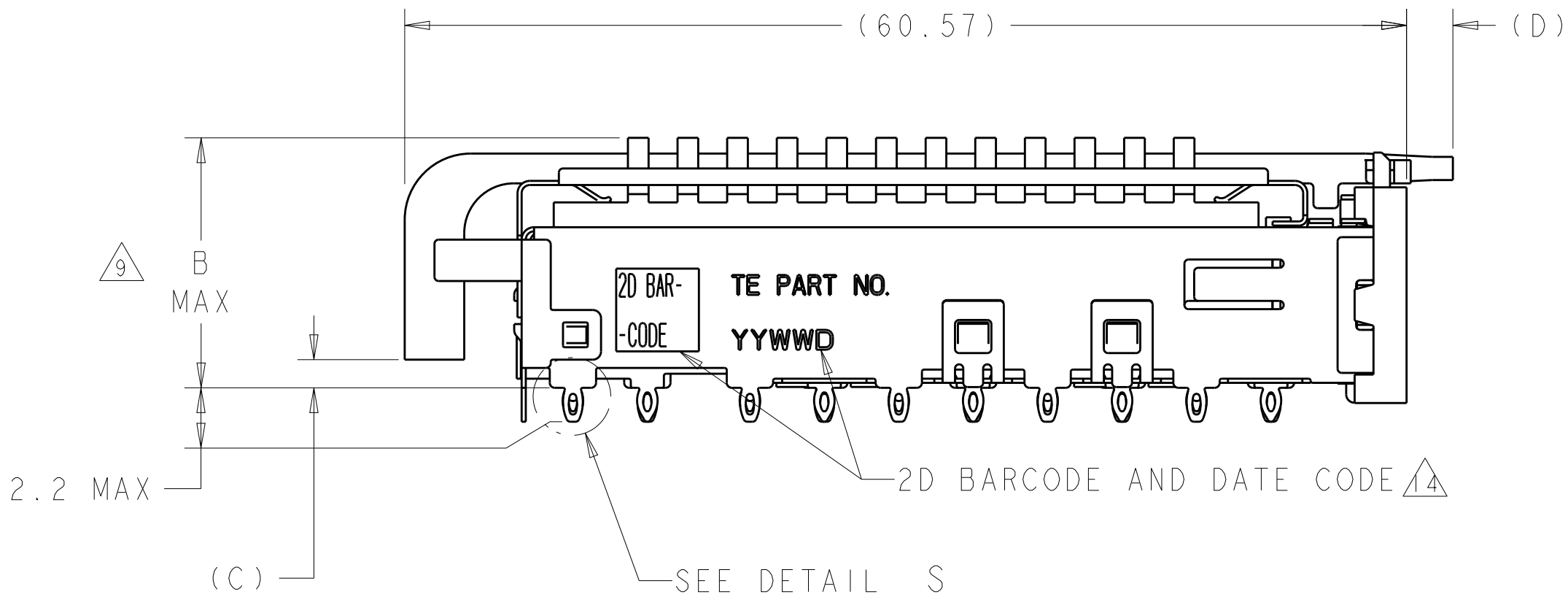
DETAIL S
SCALE 20:1



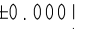
- 1 CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
- 2 PITCH BETWEEN PORTS OF ONE 1X6 CAGE ASSEMBLY.
- 3 SPACING BETWEEN 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, 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 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.

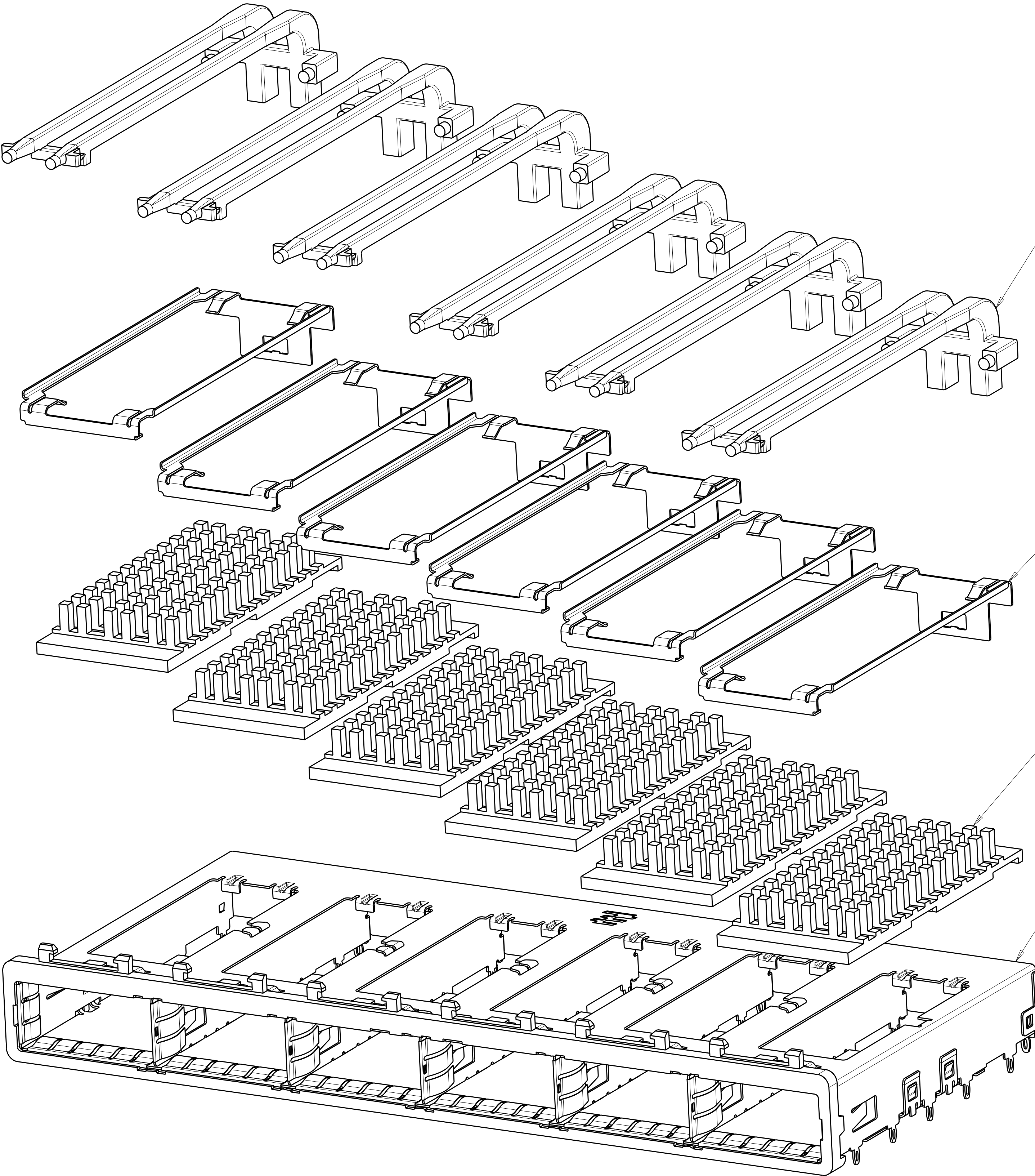
- 15 REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.
- 16 EMI SPRING FINISH: 2µm MINIMUM TIN
FRONT FLANGE FINISH: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL
OVER 5.08µm MINIMUM COPPER.
HEAT SINK FINISH: NICKEL
- 17 HEAT SINKS AND CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED. LIGHT PIPES, SHIPPED UNATTACHED, MUST BE ASSEMBLED BY CUSTOMER AFTER THE CASE IS SEATED IN THE PCB.



7	0.8-1.1	2.8	1.70	23.0	NETWORKING	2143307-3
7	0.8-1.1	2.8	1.70	16.0	SAN	2143307-2
17	0.8-1.1	2.8	1.70	13.7	PCI	2143307-1
	E	D	C	B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C. VALENTINE	04MAR2010			
		CHK	J. PETERSON	14MAR2010			
		APVD	J. PETERSON	14MAR2010	 TE Connectivity DECLINATORY X6 GAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
mm		0 PLC ±.1		PRODUCT SPEC			
		1 PLC ±0.1		108-2286			
		3 PLC ±0.013		APPLICATION SPEC			
		4 PLC ±0.0001		114-13218			
		ANGLES ±.1		WEIGHT			
MATERIAL		FINISH		SIZE			
				CAGE CODE			
				DRAWING NO			
				RESTRICTED TO			
				A100779C=2143307			
-1		16		CUSTOMER DRAWING			
				SCALE 3:1 SHEET 1 OF 5 REV 5			

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



DOUBLE LIGHT PIPES
QUANTITY: 6

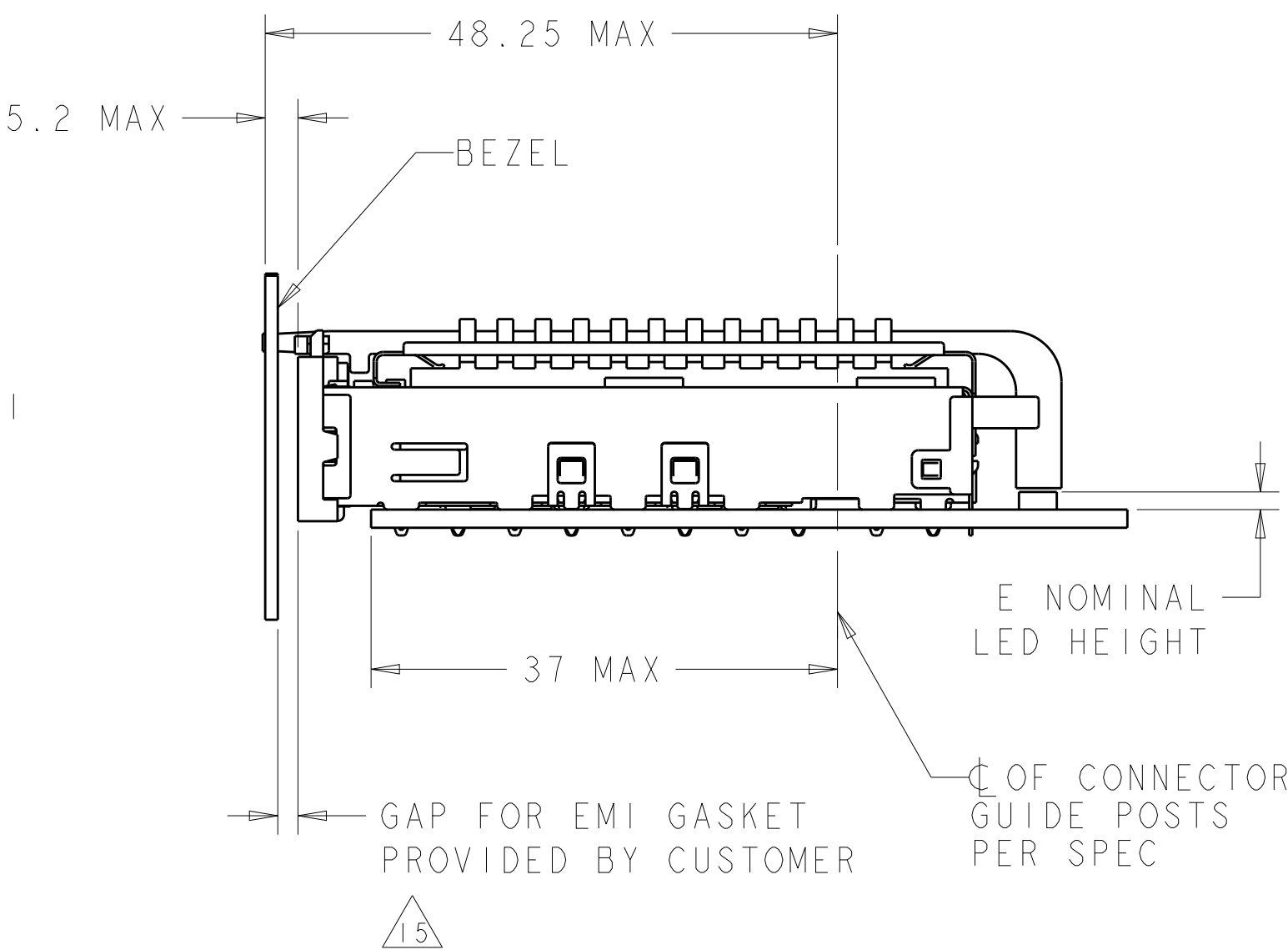
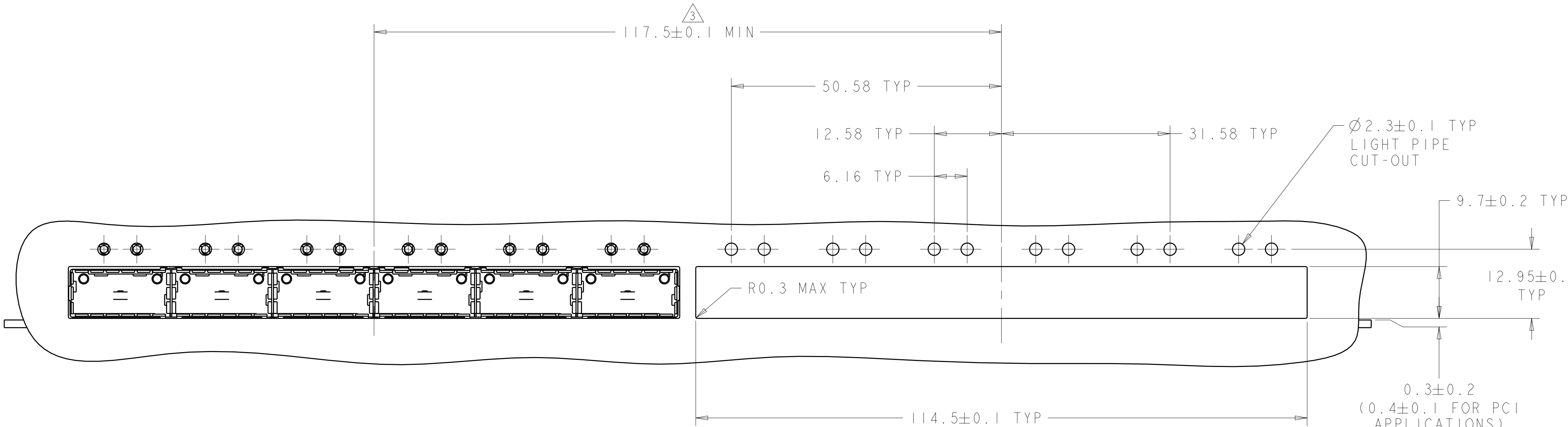
HEAT SINK CLIPS
QUANTITY: 6

72 PIN HEAT SINKS
QUANTITY: 6

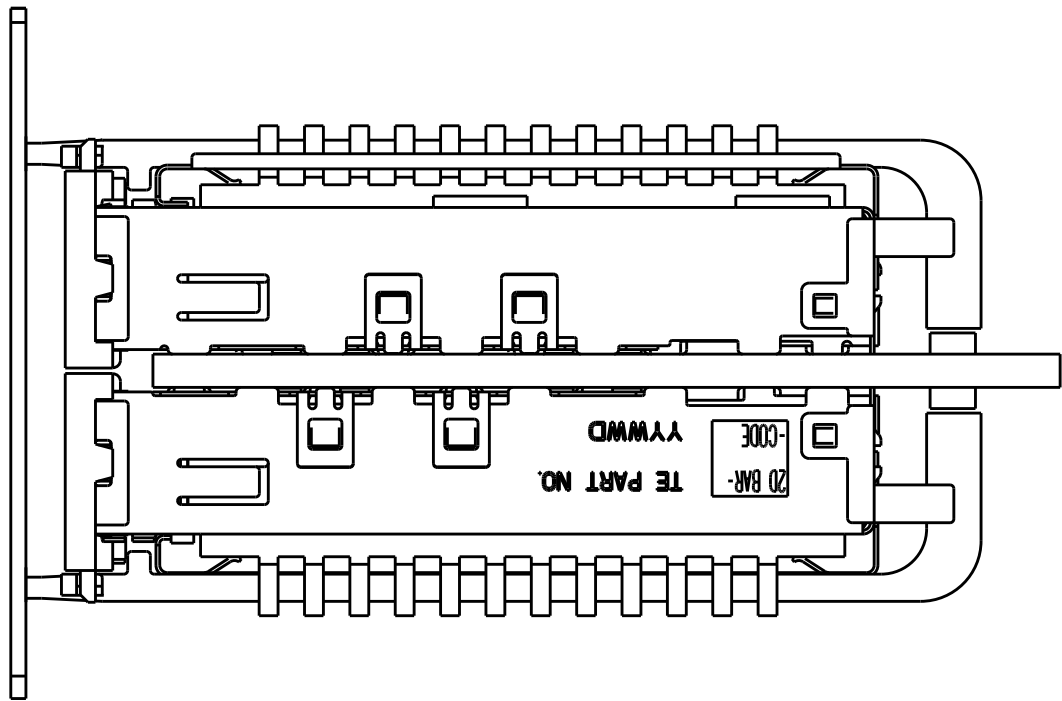
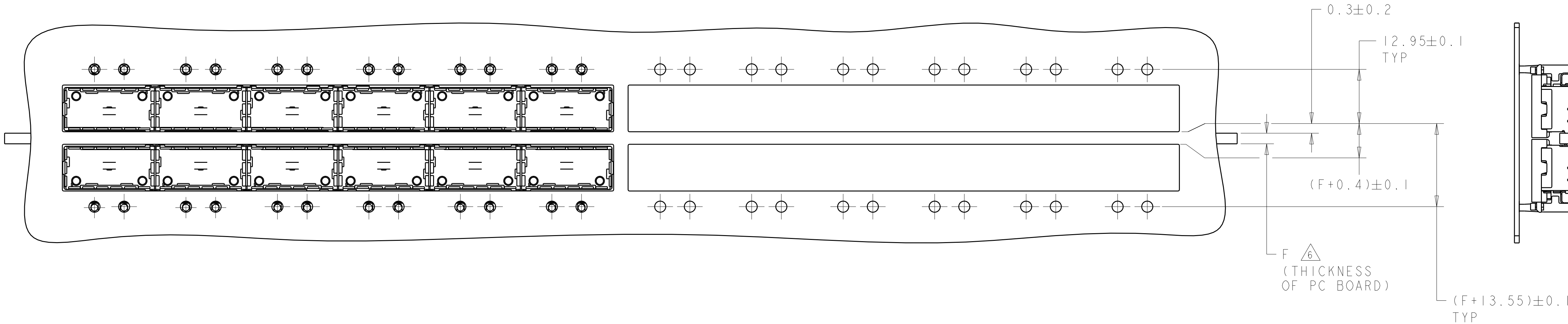
1X6 BEHIND BEZEL QSFP
CAGE ASSEMBLY
QUANTITY: 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	04MAR2010 04MAR2010 04MAR2010	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
		PRODUCT SPEC 108-2286		SIZE A1	
MATERIAL -		APPLICATION SPEC 114-13218		CAGE CODE 00779	
		WEIGHT -		DRAWING NO C=2143307	
		CUSTOMER DRAWING		RESTRICTED TO -	
				SCALE 3:1	
				SHEET 2	
				OF 5	
				REV 5	

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

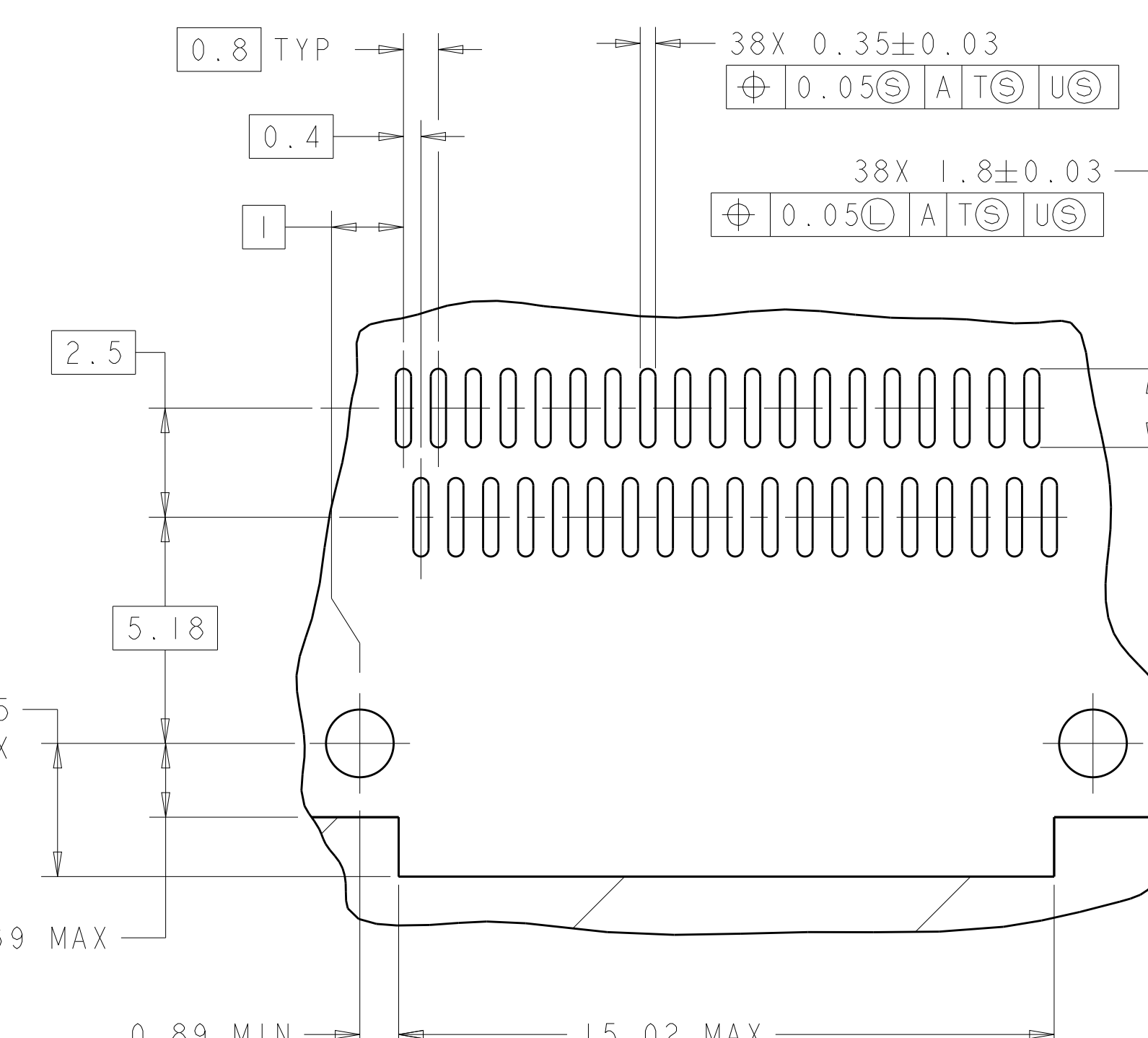
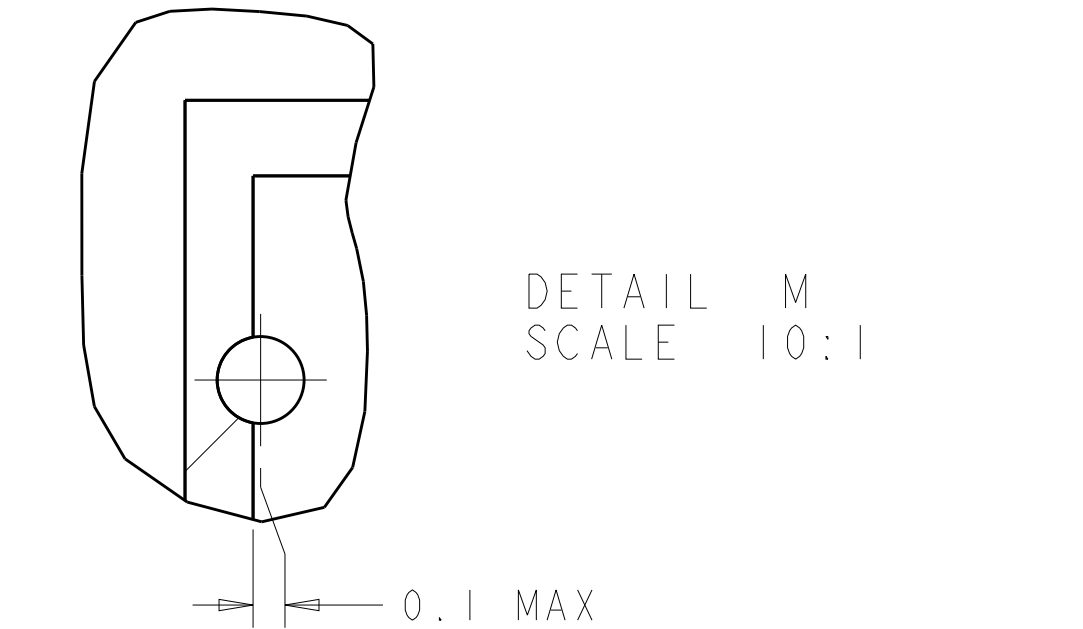
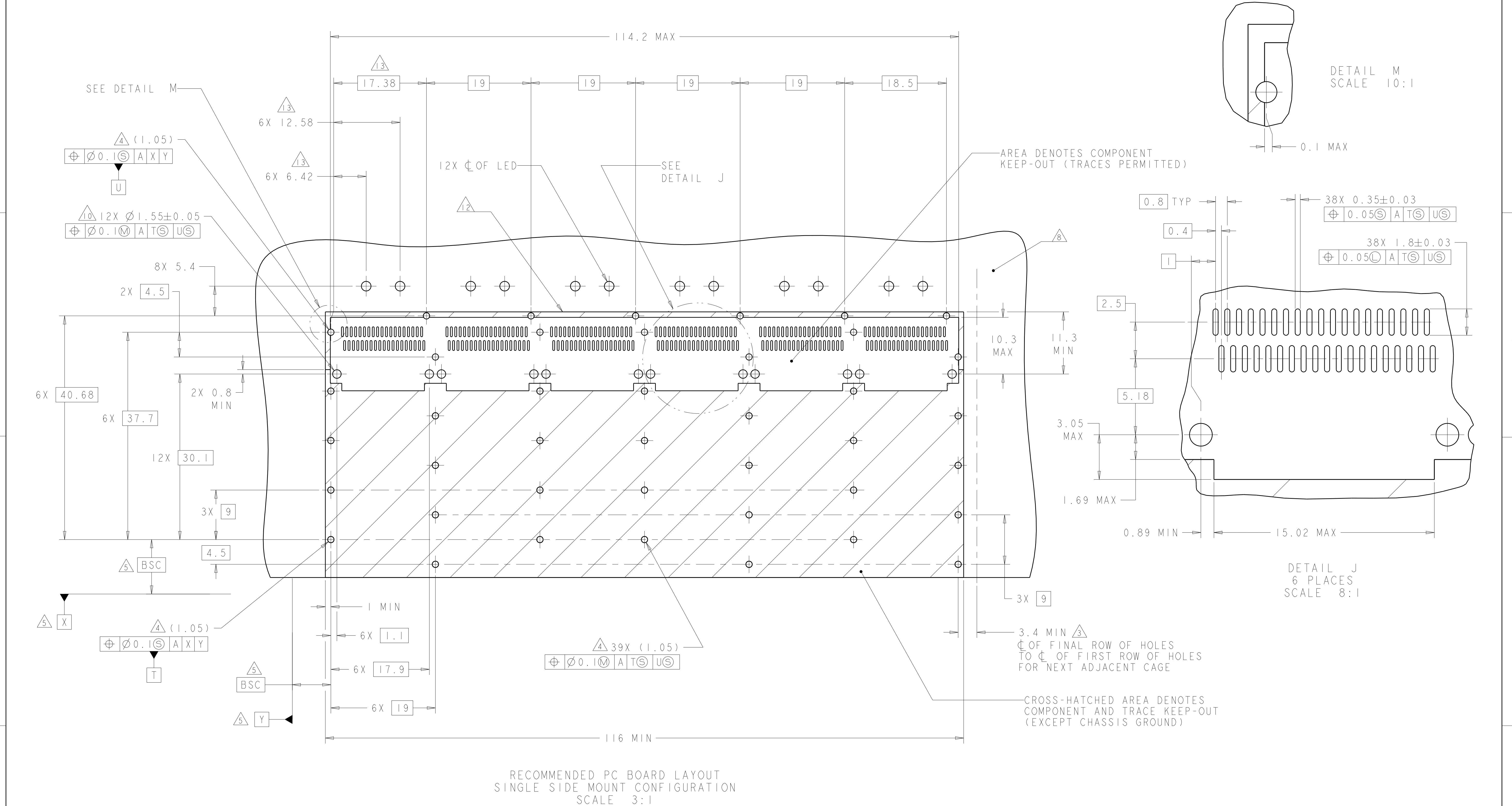


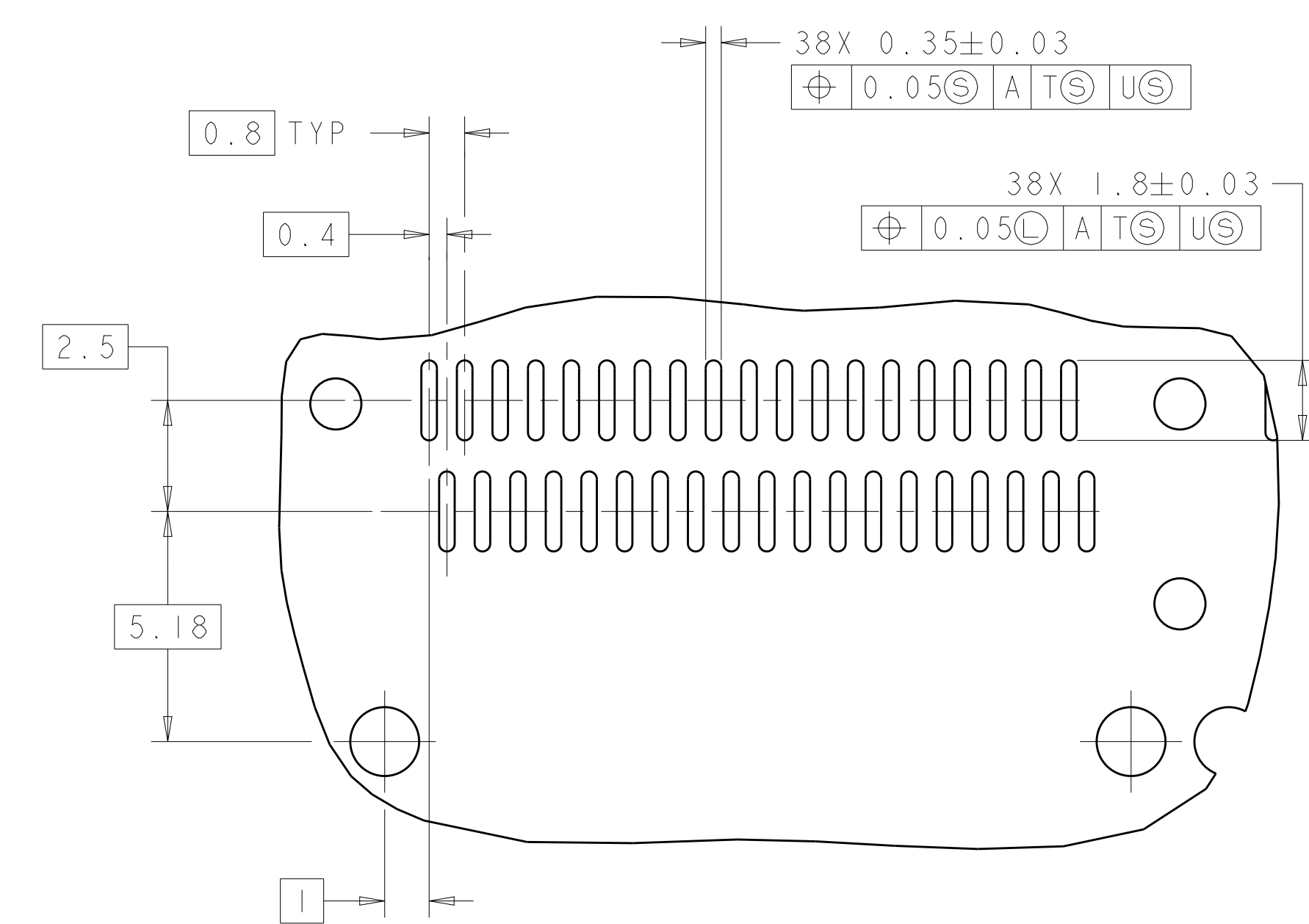
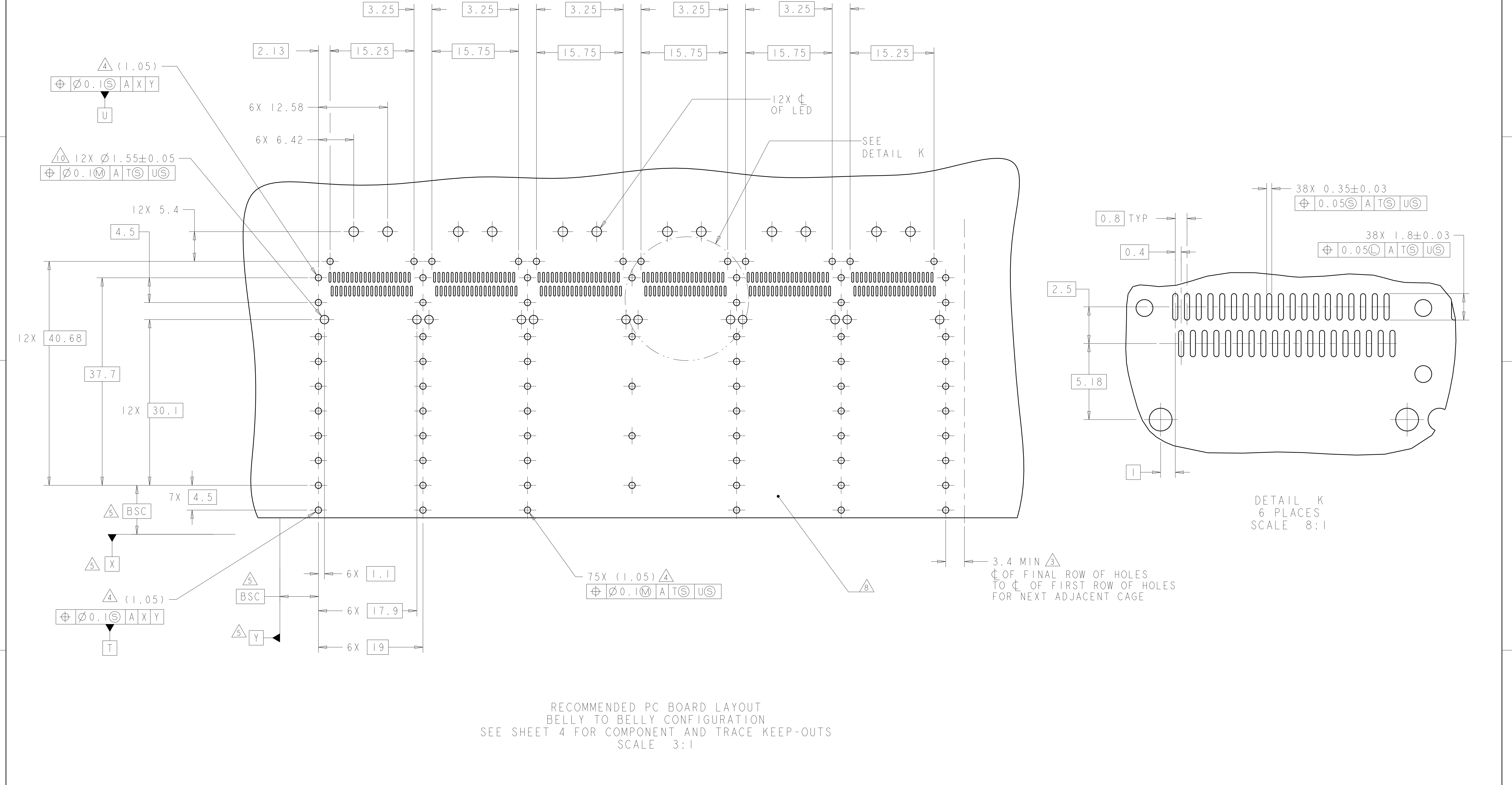
ONE SIDED CONFIGURATION
SCALE 2:1



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 04MAR2010	TE Connectivity	
DIMENSIONS:		CHK J. PETERSON 04MAR2010		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J. PETERSON 04MAR2010	NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
	0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1 FINISH	PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218	SIZE A100779C=2143307	
MATERIAL -	-	WEIGHT -	RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 3:1		SHEET 3 OF 5 REV 5





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



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.