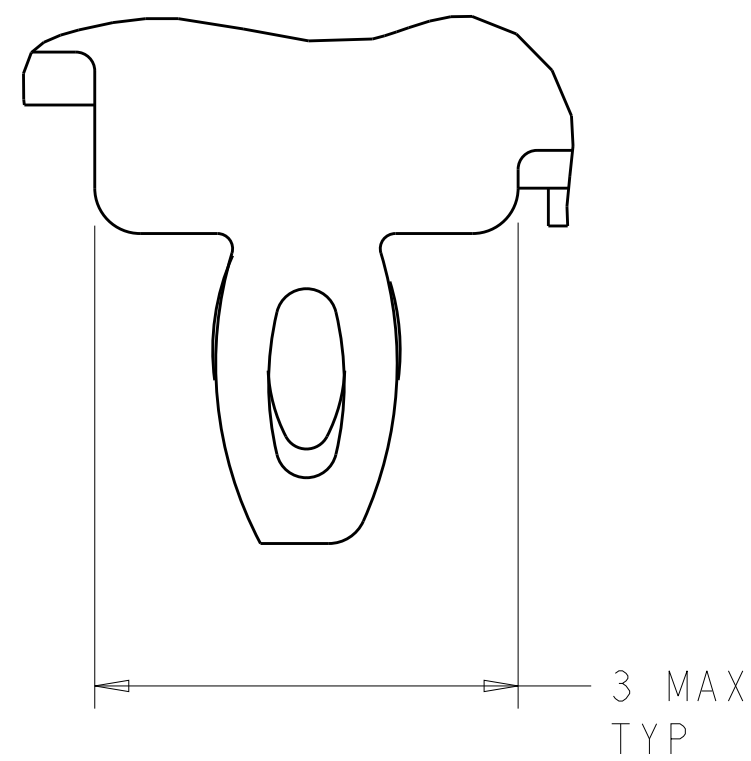


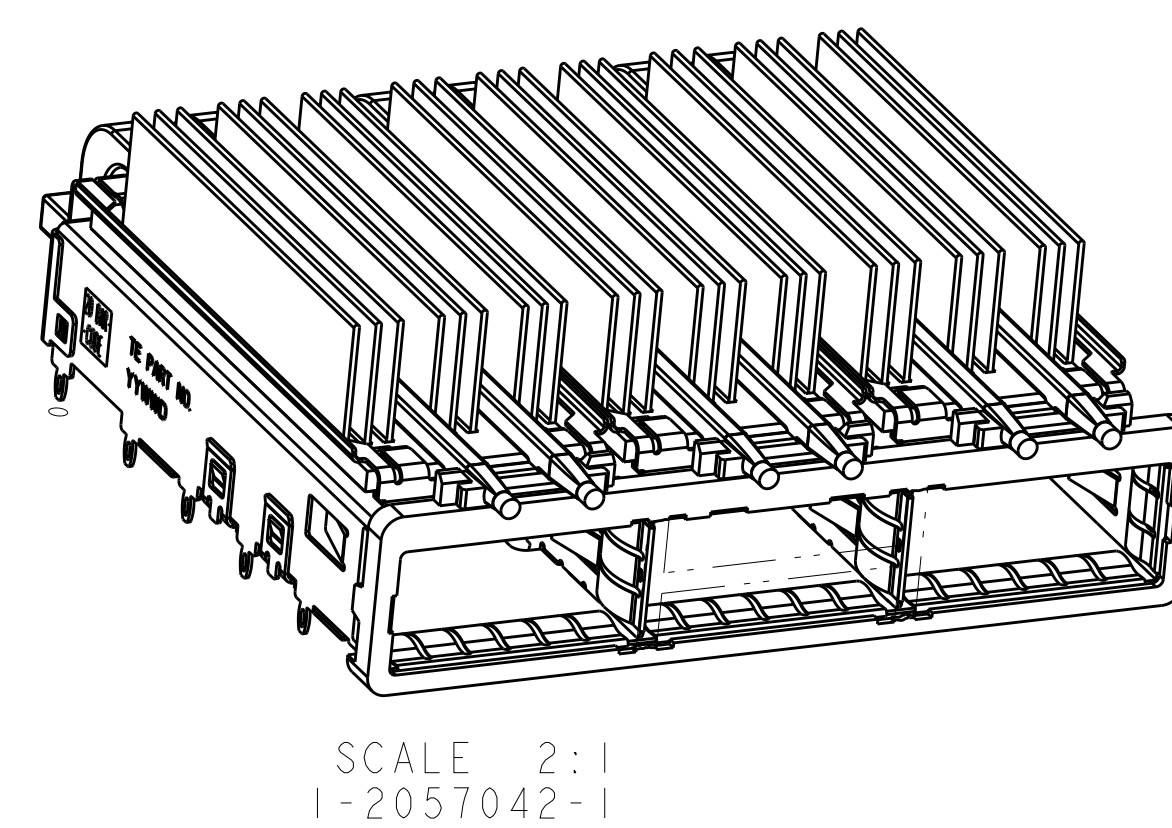
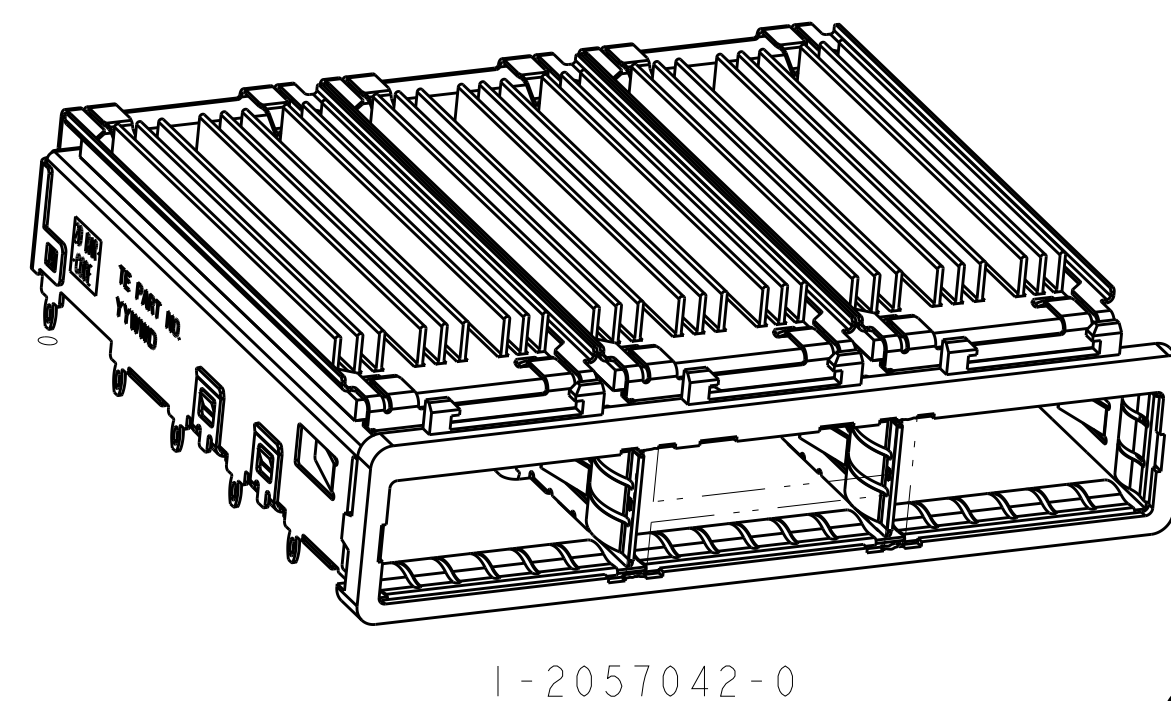
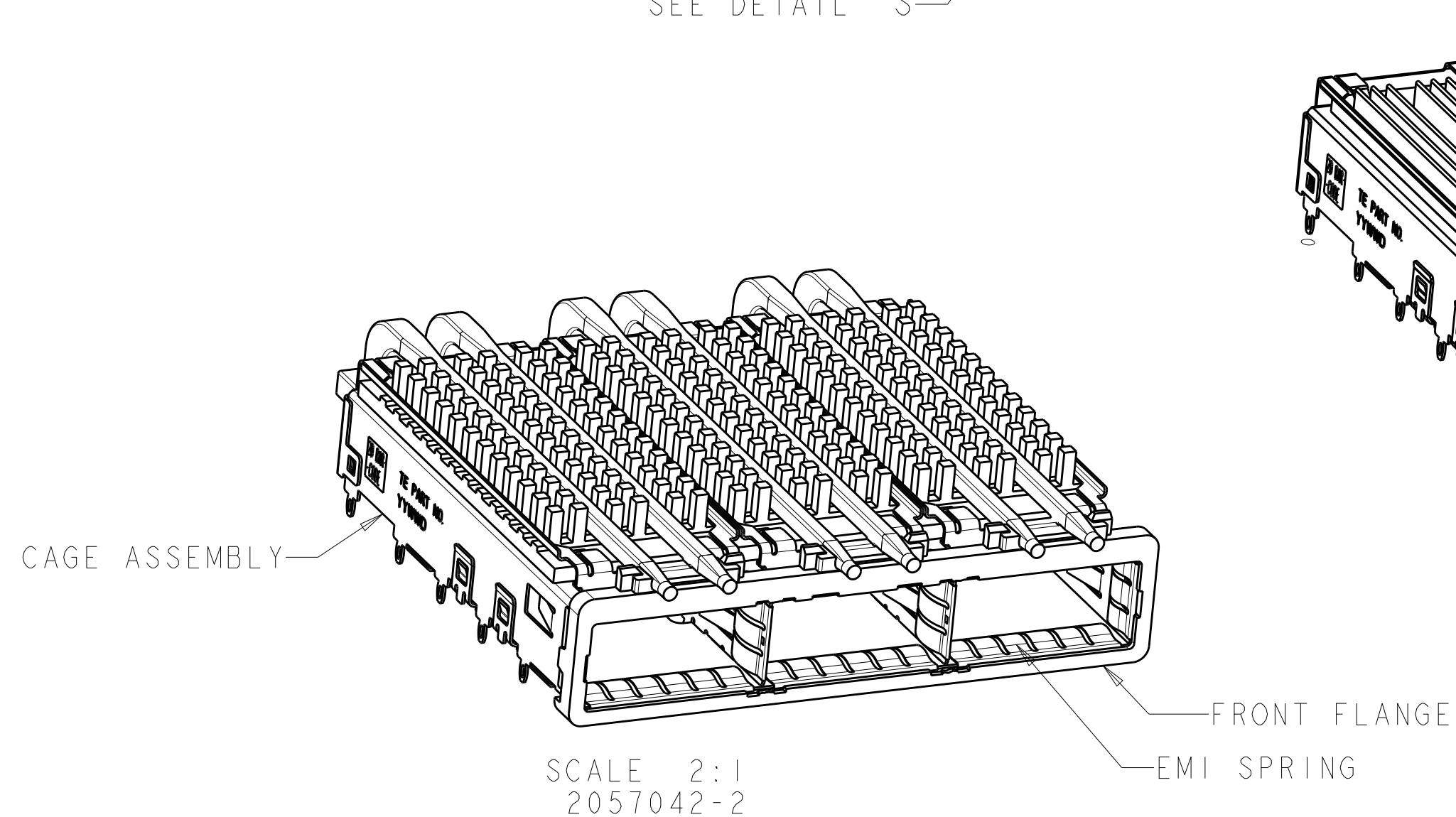
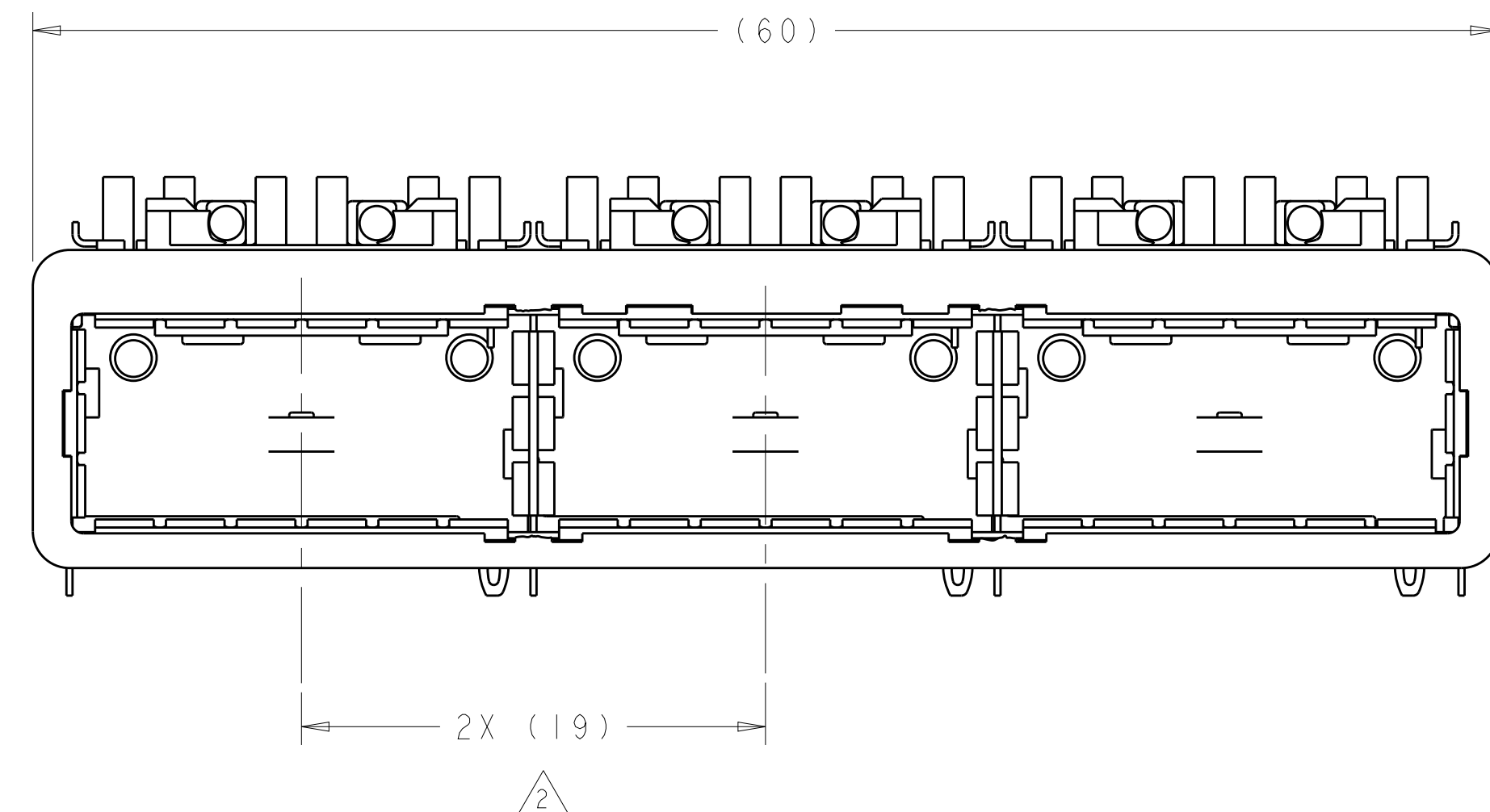
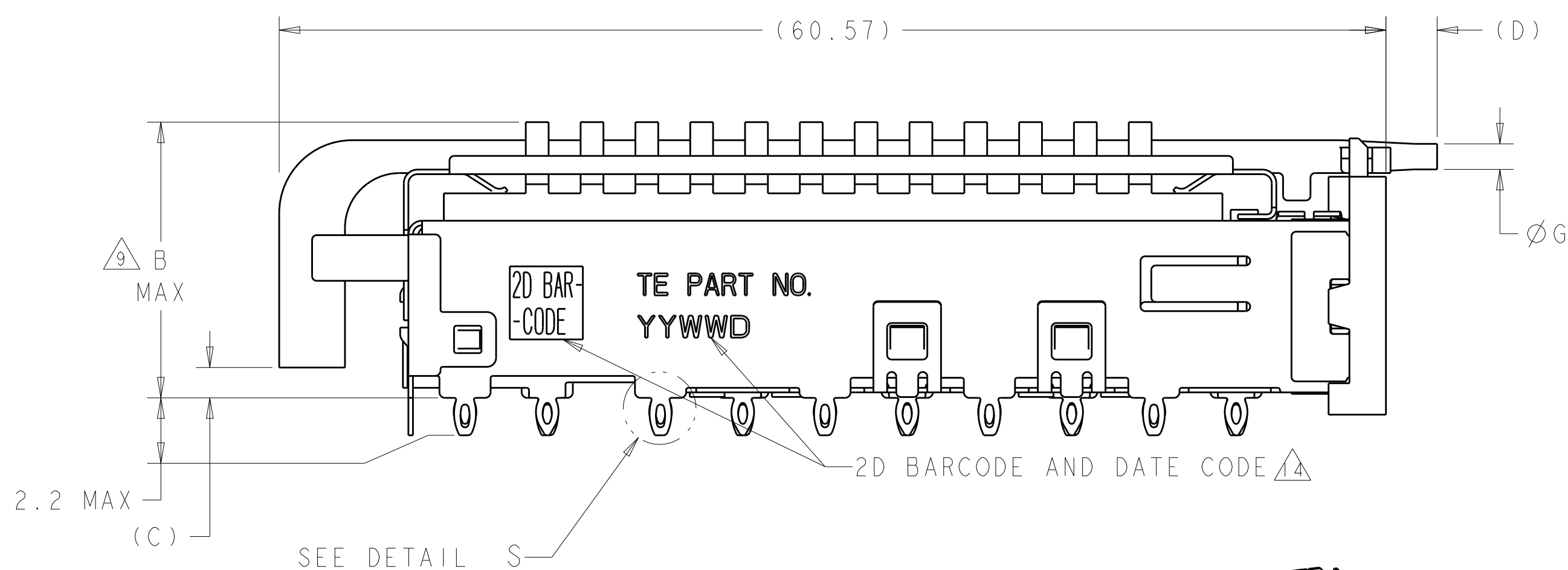
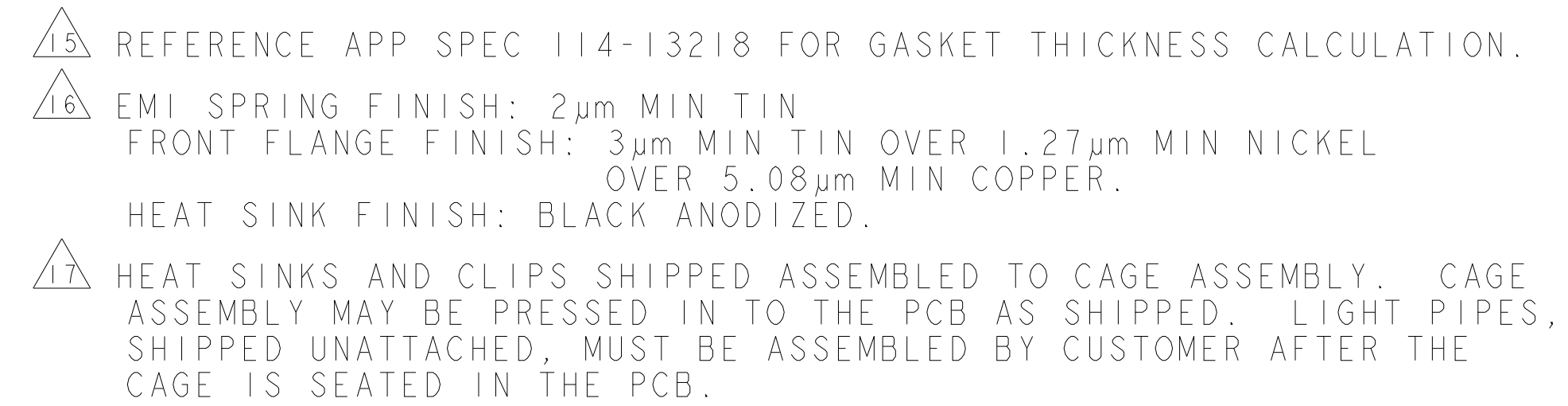
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		2007
©	COPYRIGHT 2007	BY -	ALL RIGHTS RESERVED.	

LOC	DIST	REVISIONS						
GP	00	F	LTR	DESCRIPTION	DATE	DRN	APVD	
		C	I	REVISED PER ECO-11-004835	11MAR2011	RK	HMR	
		D		REVISED PER ECO-12-005533	31MAR2012	JY	AC	
		E		REVISED PER ECO-13-009872	26NOV2013	RG	MC	
		F		REVISED PER ECO-14-016878	30DEC2014	RG	MC	



DETAIL S 
SCALE 20:1

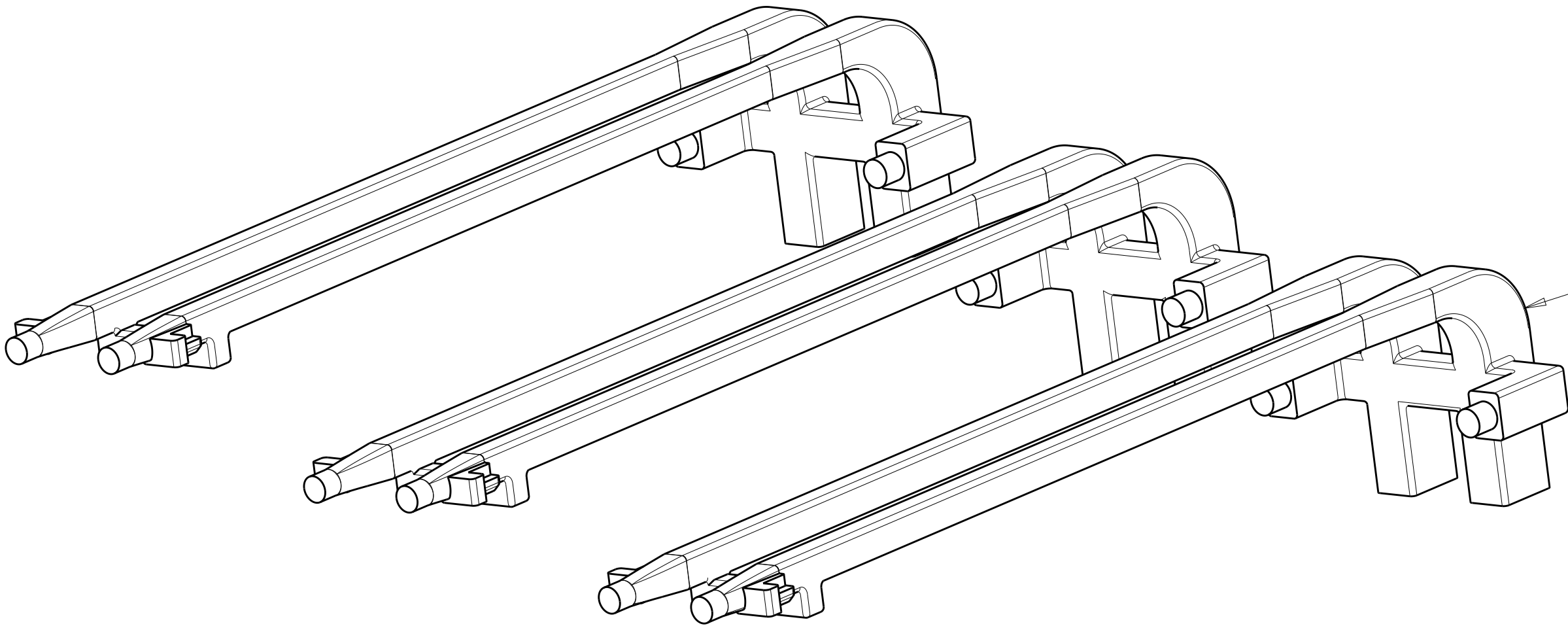
- ① CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRINGS MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
- ② PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.
- ③ SPACING BETWEEN 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 (YYWWDD) MARKED ON SIDE OF CAGE ASSEMBLY.



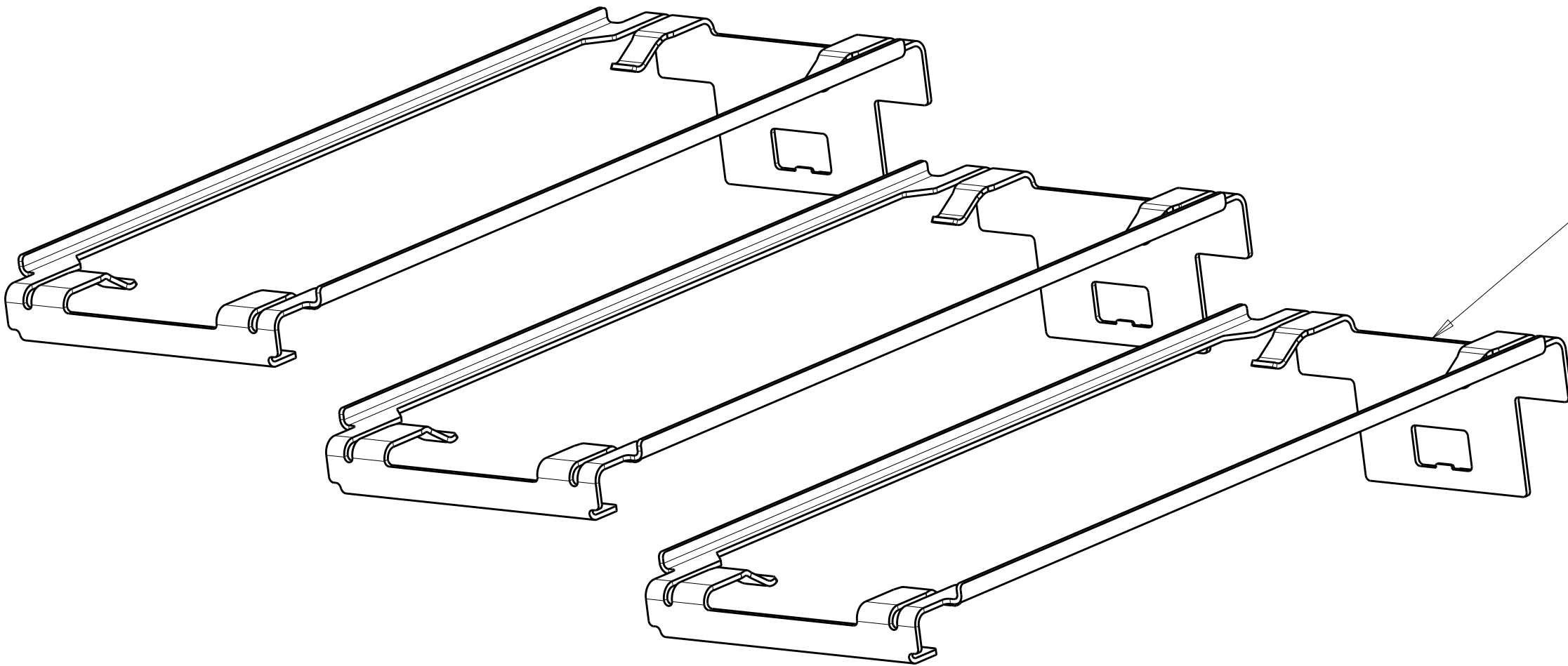
7	1.4	0.8-1.1	2.0	1.70	21.0	FIN TYPE	I-2057042-1
	N/A	N/A	N/A	N/A	15.0	FIN TYPE	I-2057042-0
7	2.0	0.8-1.1	3.5	1.70	16.8	CUSTOMERIZED	2057042-9
7	1.4	0.8-1.1	2.0	1.70	23.0	NETWORKING	2057042-8
7	1.4	0.8-1.1	2.0	1.70	16.0	SAN	2057042-7
7	1.4	0.8-1.1	2.0	1.70	13.7	PCI	2057042-6
7	1.4	1.3-1.4	5.7	2.15	16.0	SAN	2057042-5
7	1.4	1.3-1.4	5.7	2.15	13.7	PCI	2057042-4
7	1.4	0.8-1.1	2.8	1.70	23.0	NETWORKING	2057042-3
7	1.4	0.8-1.1	2.8	1.70	16.0	SAN	2057042-2
7	1.4	0.8-1.1	2.8	1.70	13.7	PCI	2057042-1
	G	E	D	C	B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.V. VALENTINI	28FEB2008	TE Connectivity	
DIMENSIONS:		CW E. BRIGHT	28FEB2008	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSPF	RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. BRIGHT	28FEB2008		
mm		PRODUCT SPEC 108-2286	APPLICATION SPEC 114-13218		
		MATERIAL		SIZE A1	CAGE CODE 00779
FINISH		CUSTOMER DRAWING		DRAWING NO C-2057042	REV F

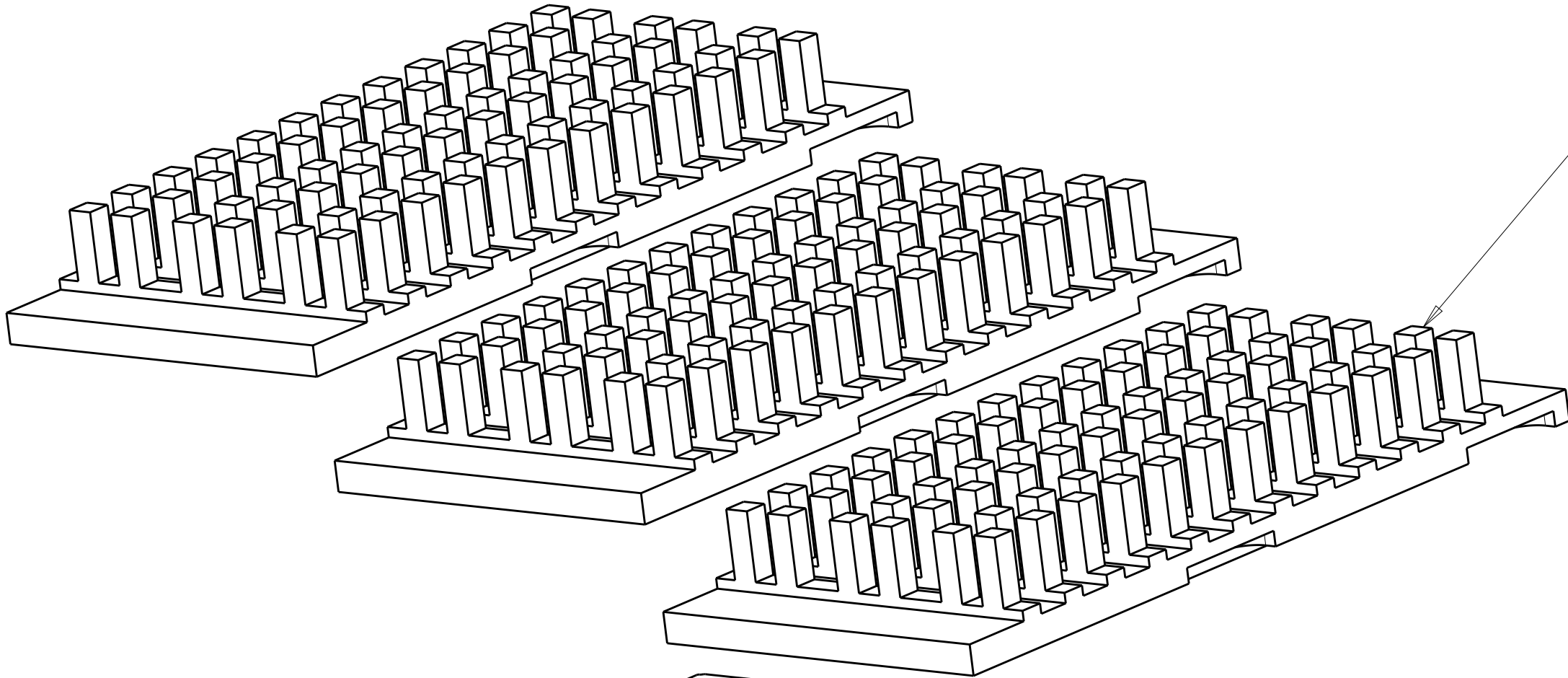
LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
				-	-	SEE SHEET 1	-	-	-	



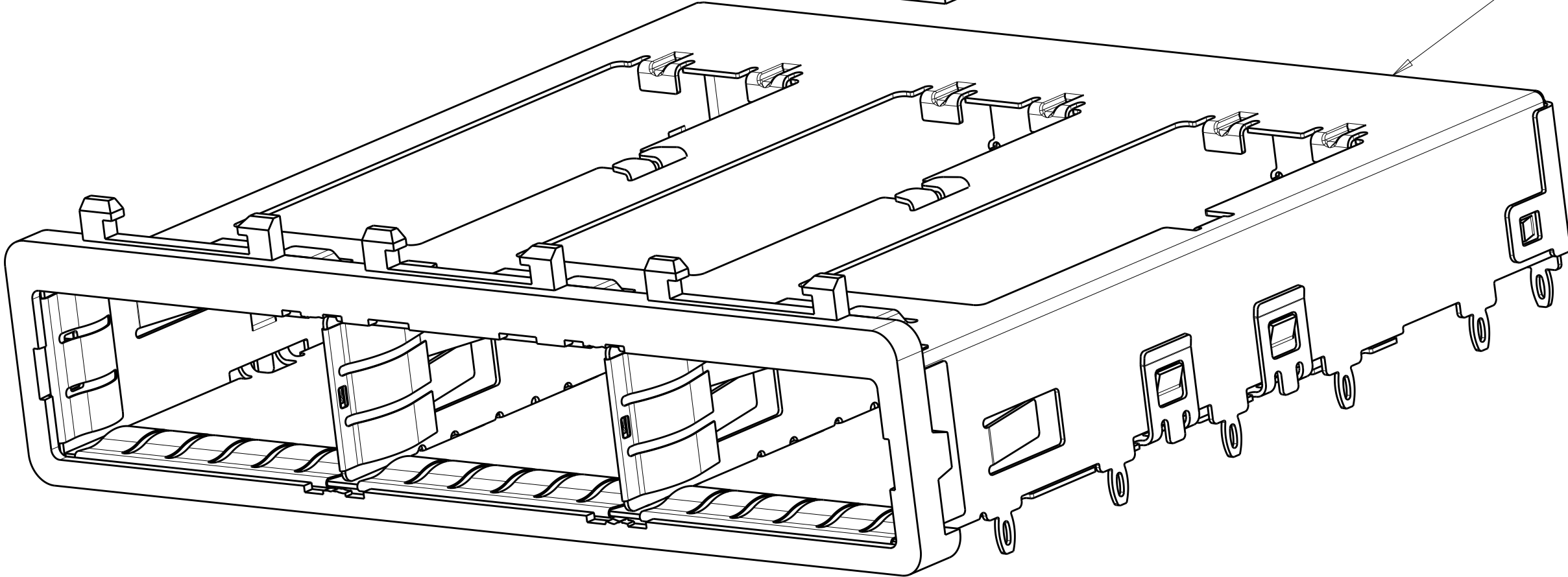
DOUBLE LIGHT PIPES
QUANTITY: 3



HEAT SINK CLIPS
QUANTITY: 3



72 PIN HEAT SINKS
QUANTITY: 3

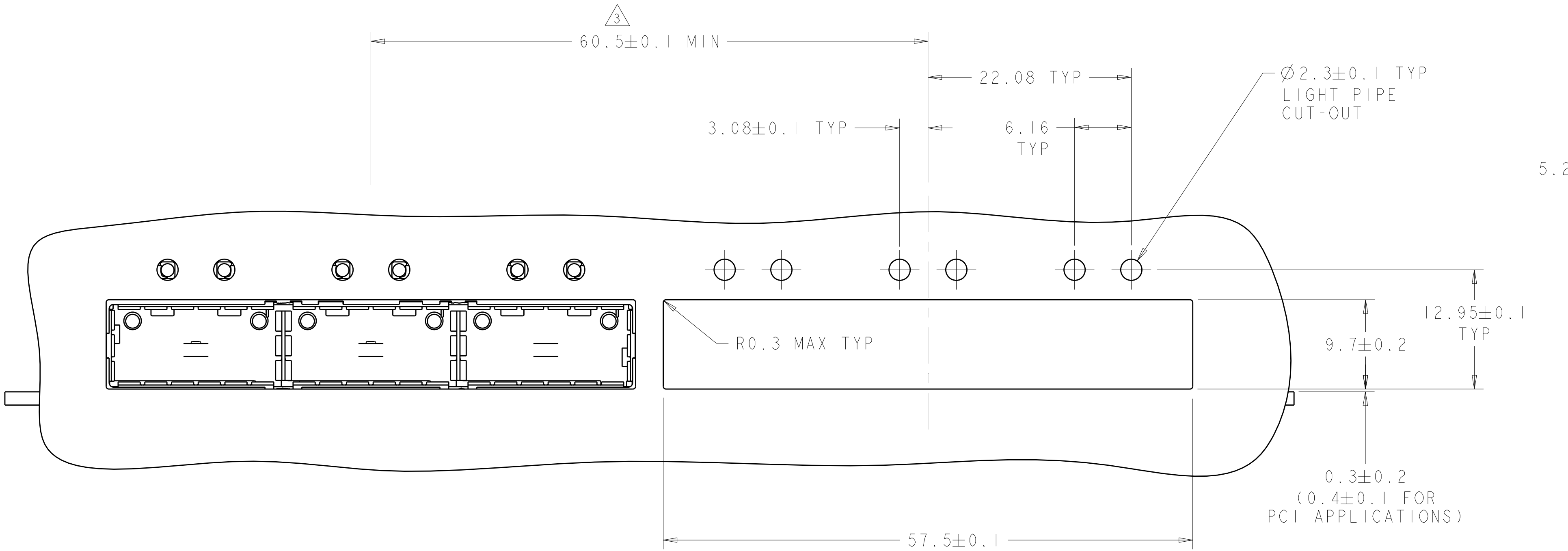


IX3 BEHIND BEZEL QSFP
CAGE ASSEMBLY
QUANTITY: 1

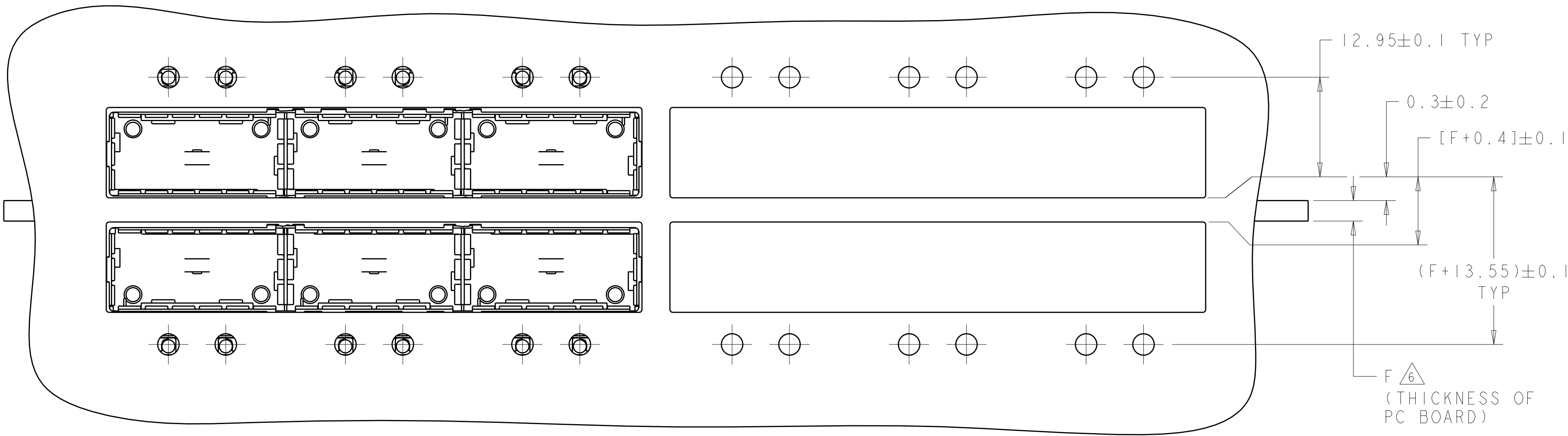
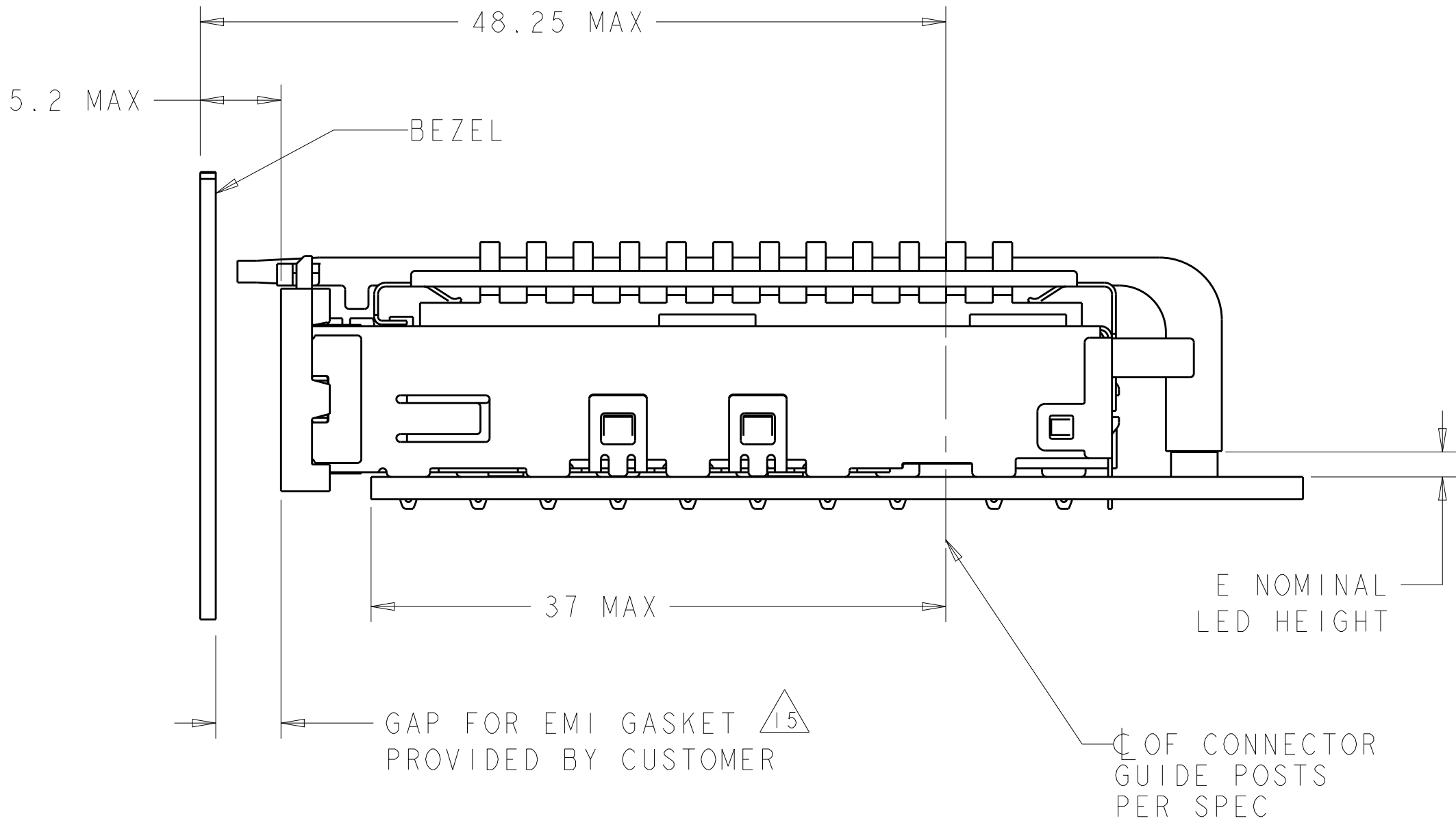
THIS PRODUCT HAS NOT COMPLETED
VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	C. VALENTIN	28FEB2008	TE Connectivity			
				CHK	E. BRIGHT	28FEB2008				
				APVD	F. BRIGHT	28FEB2008	NAME			
				PRODUCT SPEC			IX3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP			
				APPLICATION SPEC			SIZE			
				WEIGHT			A100779C=2057042			
				CUSTOMER DRAWING			RESTRICTED TO			
							SCALE			
							4:1			
							SHEET			
							2			
							OF			
							5			
							REV			
							F			

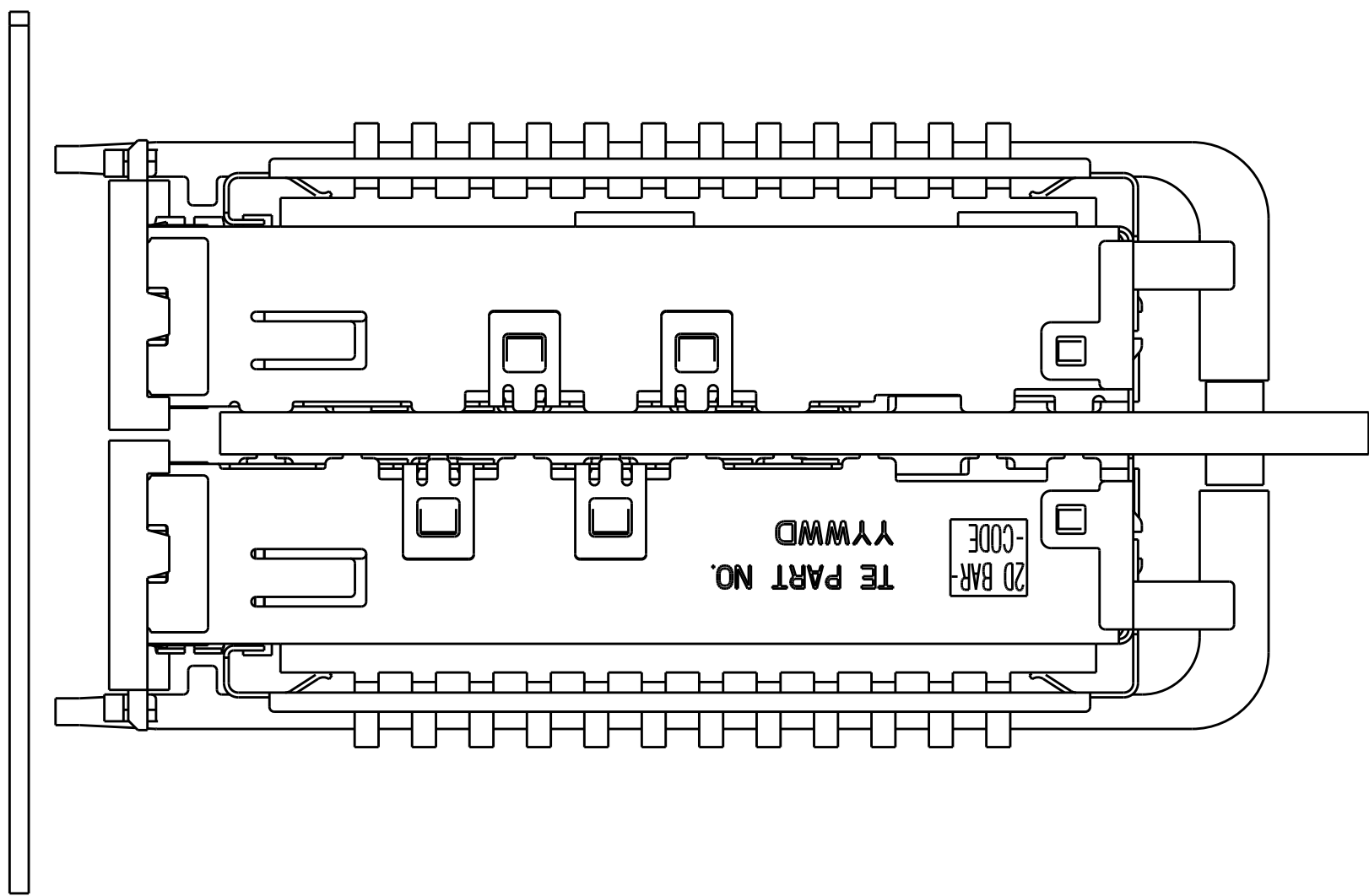
LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	



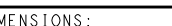
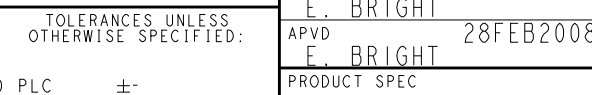
ONE SIDED CONFIGURATION
SCALE 3:1

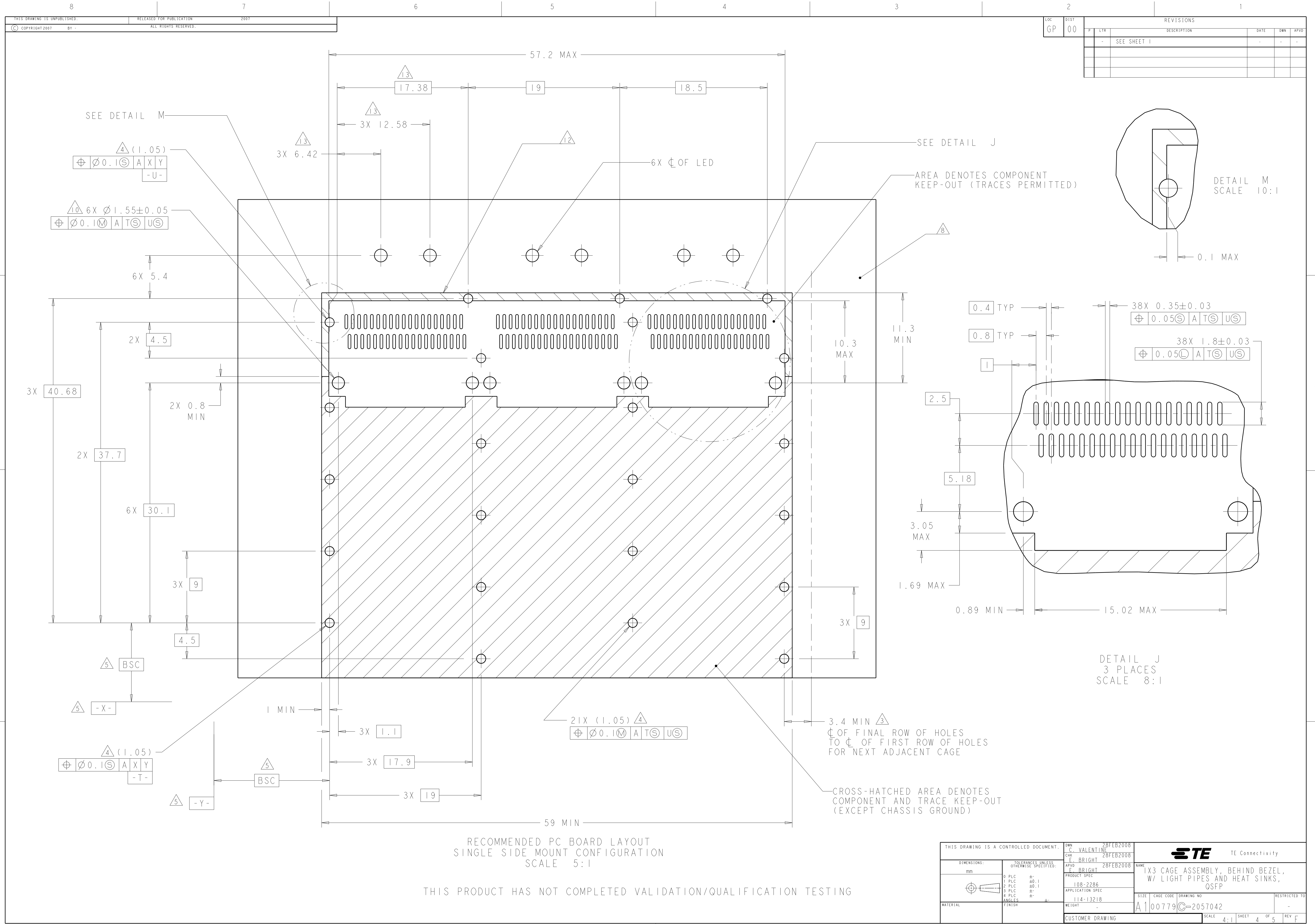


BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 3:1

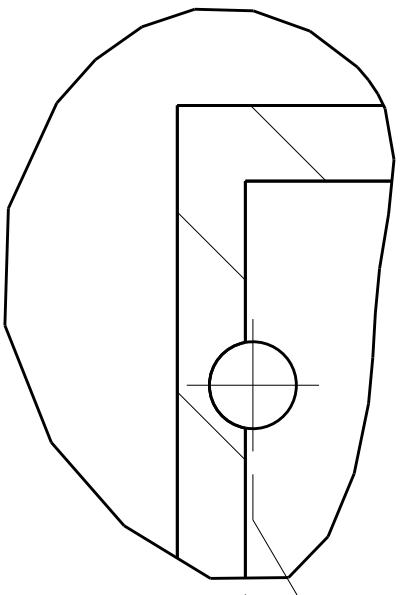


THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

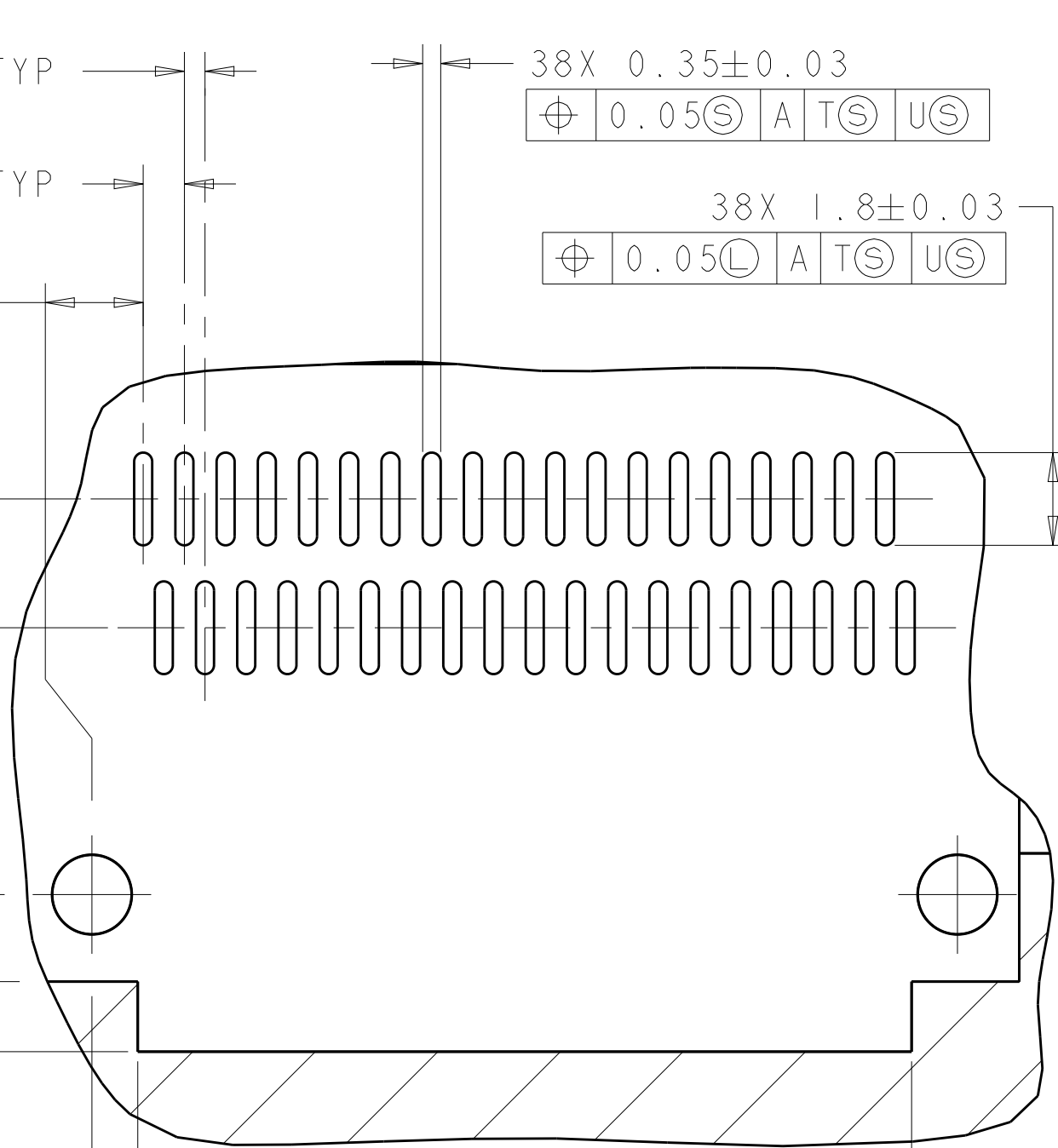
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 28FEB2008	 TE Connectivity								
		CHK E. BRIGHT 28FEB2008									
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME								
			IX3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP								
		0 PLC ±. 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH	PRODUCT SPEC								
			108-2286								
MATERIAL			APPLICATION SPEC								
			114-13218								
		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO						
		A1	100779	C=2057042	-						
		CUSTOMER DRAWING		SCALE	4:1	SHEET	3	OF	5	REV	F



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



DETAIL M
SCALE 10:1



DETAIL J
3 PLACES
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 5:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK E. BRIGHT APVD F. BRIGHT	28FEB2008 28FEB2008 28FEB2008	NAME IX3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-2286	
MATERIAL		FINISH		APPLICATION SPEC 114-13218	
				WEIGHT -	
				CUSTOMER DRAWING	
				SCALE 4:1 SHEET 4 OF 5 REV F	

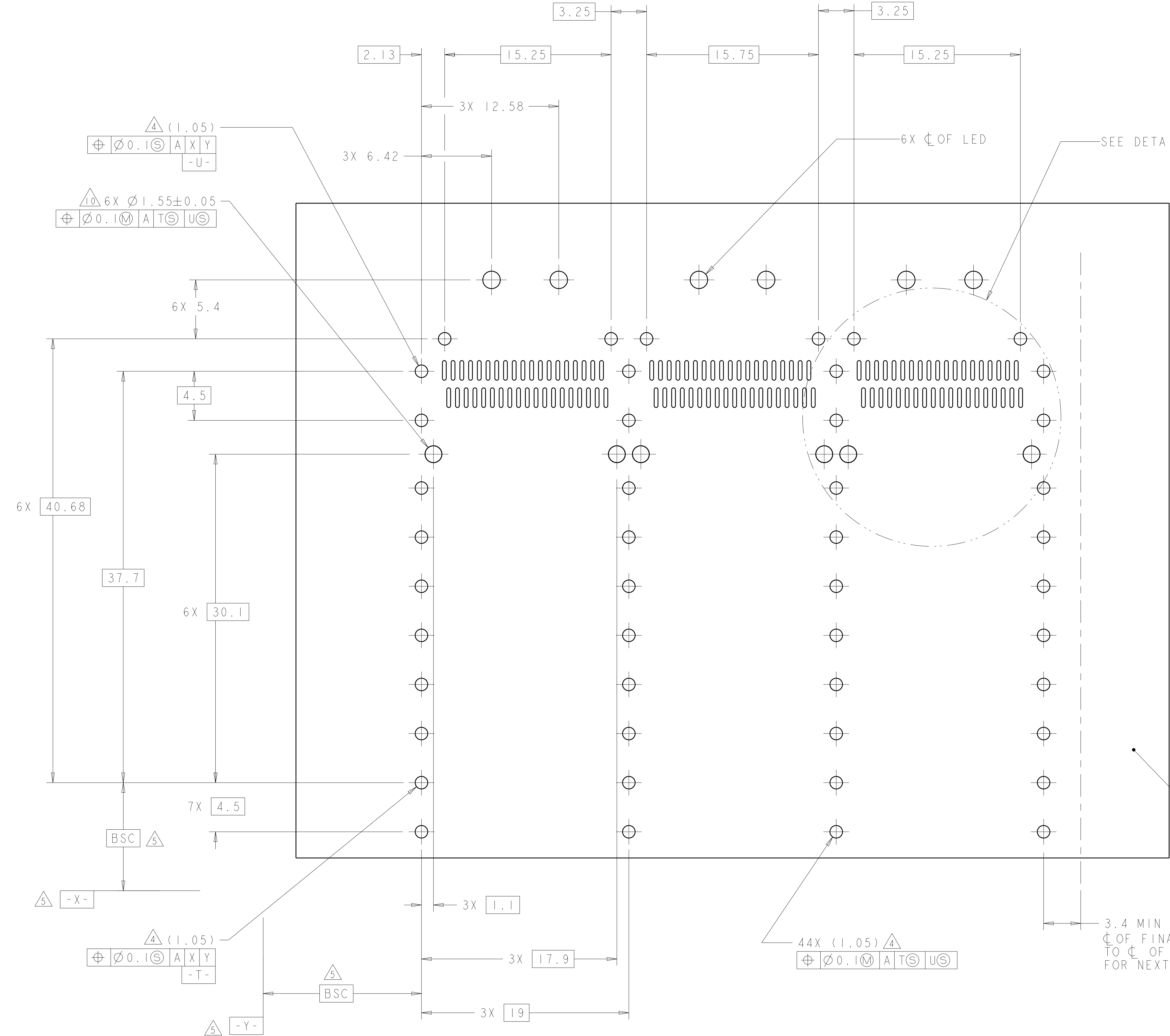
LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD		
		-		SEE SHEET 1	-	-	-		

D

C

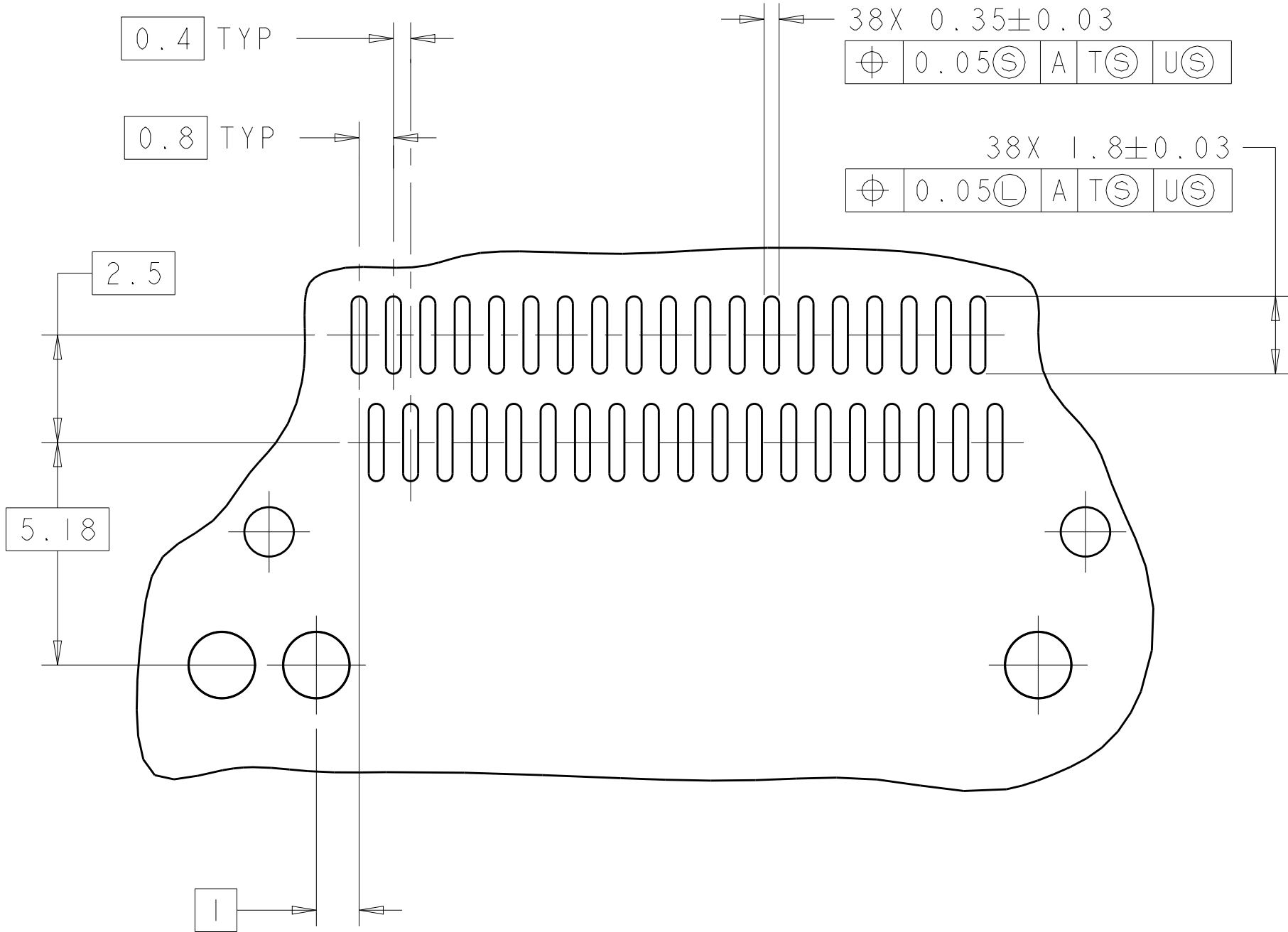
B

A



RECOMMENDED PC BOARD LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR COMPONENT
AND TRACE KEEP-OUTS
SCALE 5:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING



DETAIL K
3 PLACES
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 28FEB2008	 TE Connectivity		
DIMENSIONS:		CHK E. BRIGHT 28FEB2008			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD F. BRIGHT 28FEB2008	NAME	1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
	0 PLC ±.1	PRODUCT SPEC	SIZE		
	1 PLC ±0.1	108-2286	CAGE CODE		
	2 PLC ±.1	APPLICATION SPEC	DRAWING NO		
	3 PLC ±.1	114-13218	RESTRICTED TO		
	4 PLC ±.1	WEIGHT	A100779C=2057042		
	ANGLES FINISH	-			
MATERIAL	CUSTOMER DRAWING		SCALE 4:1	SHEET 5 OF 5	REV F



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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