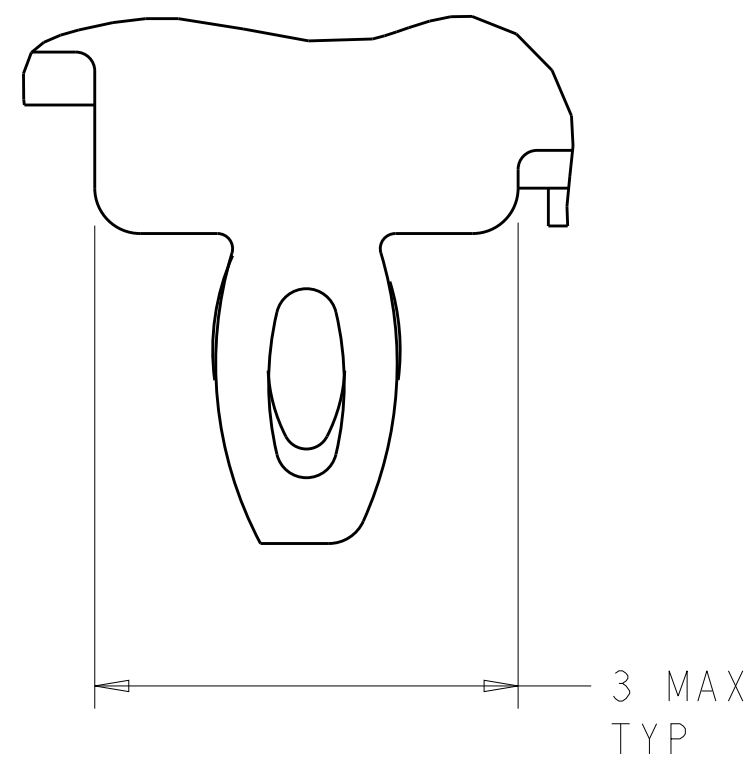


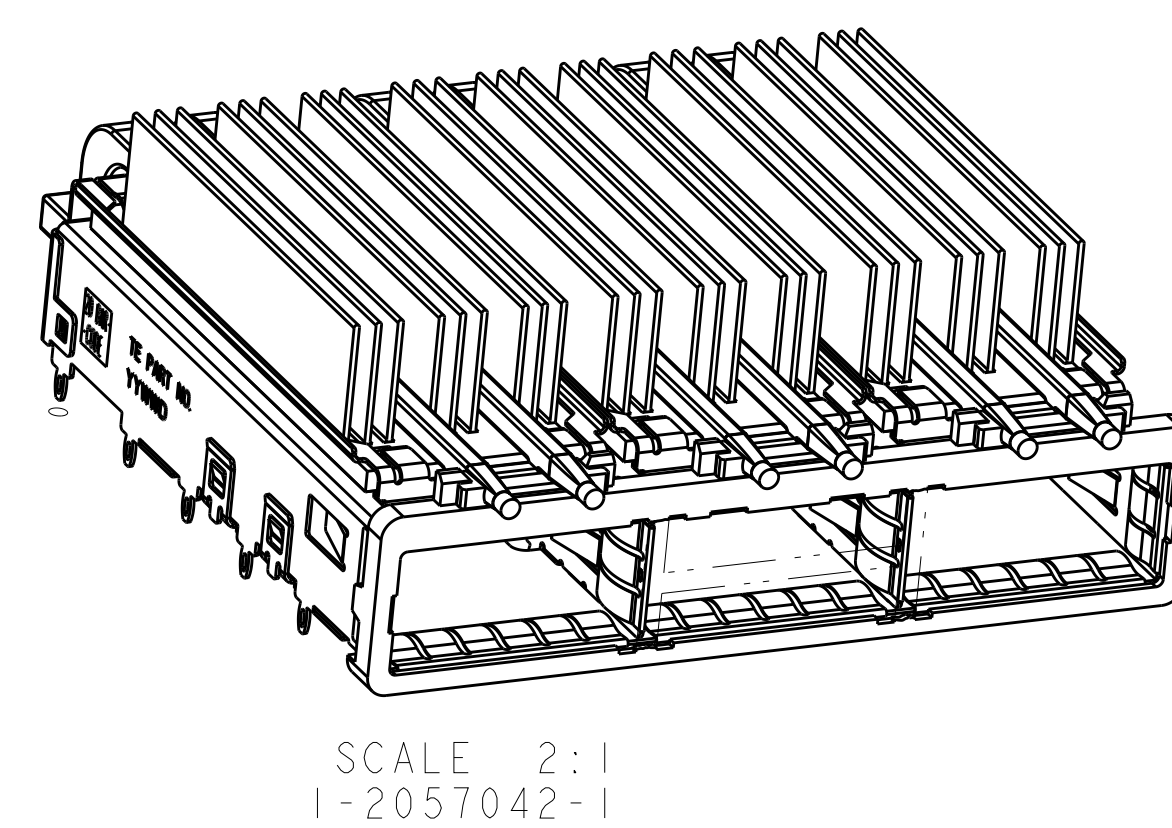
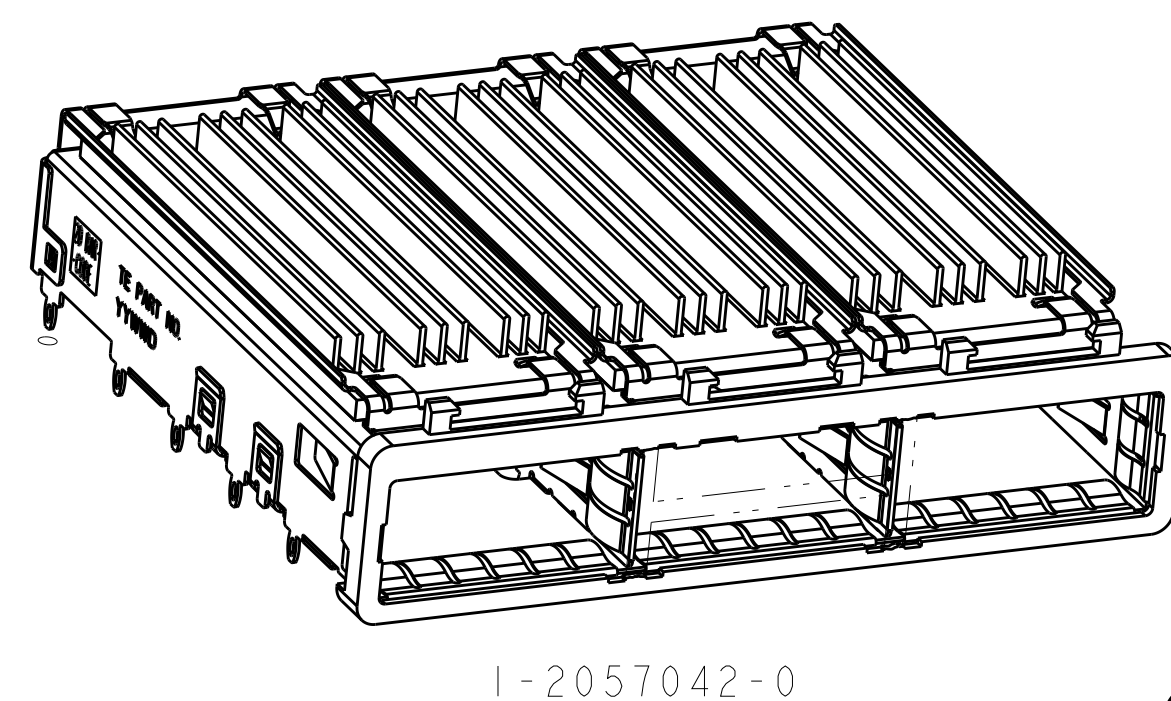
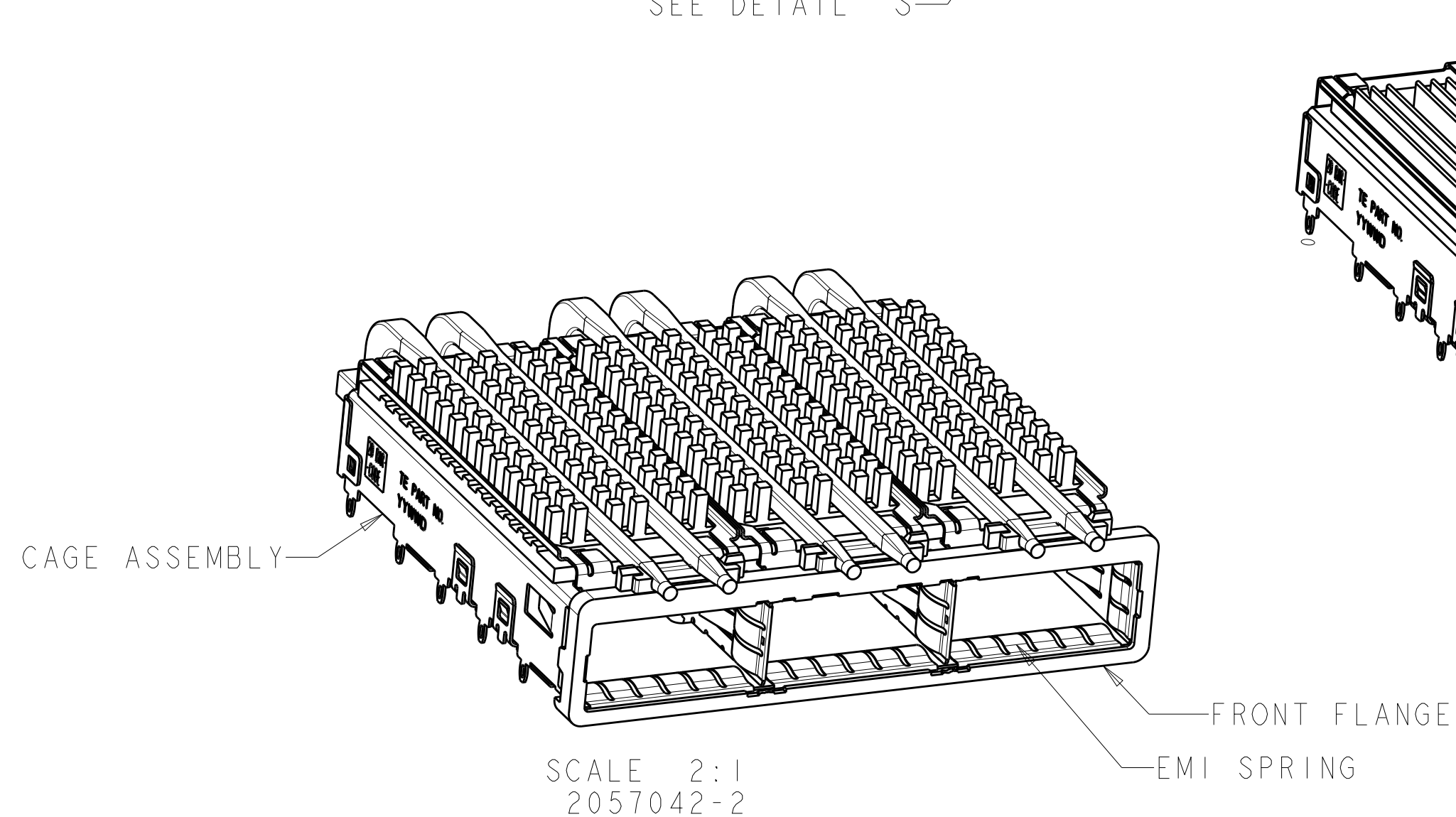
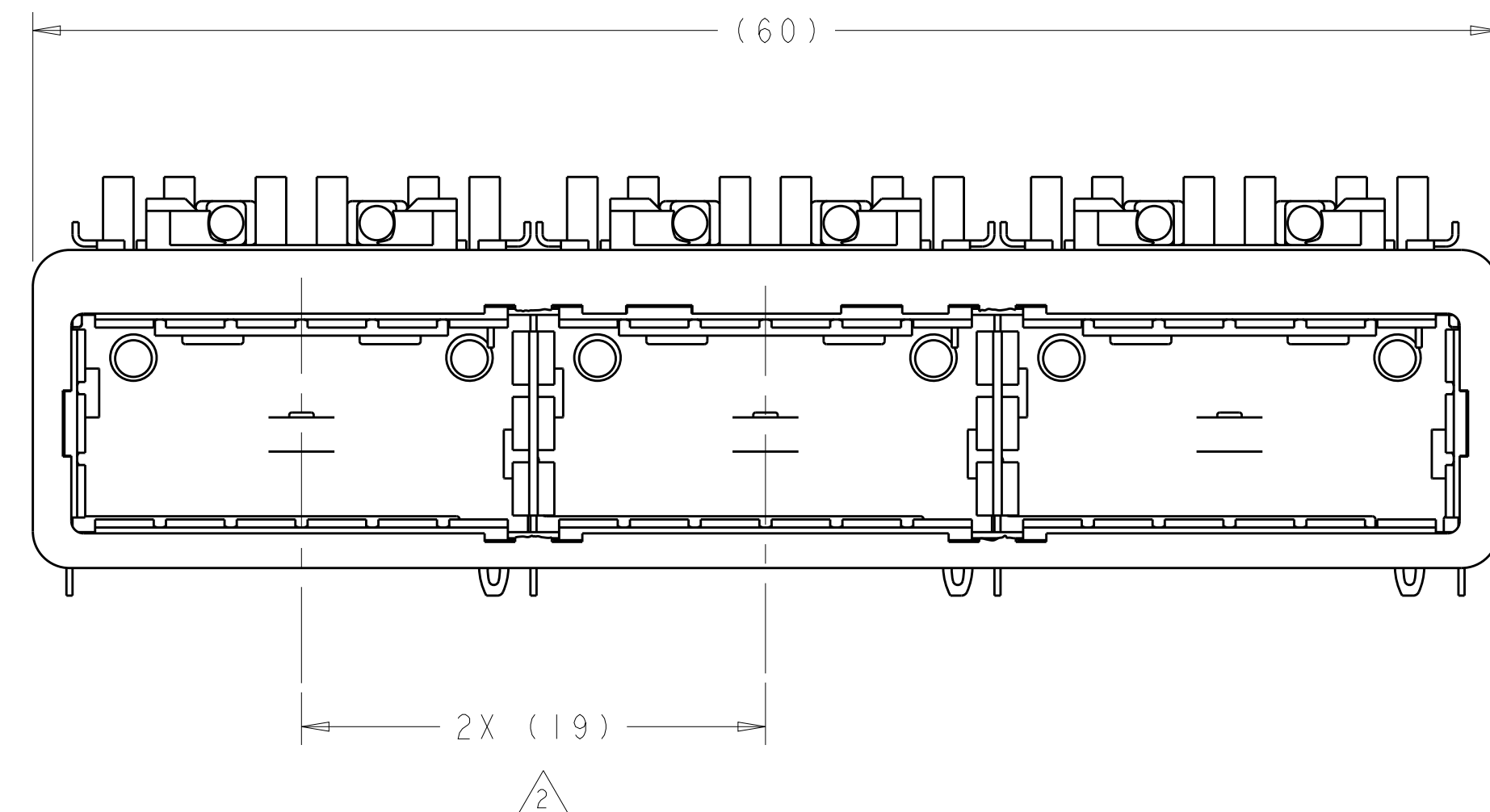
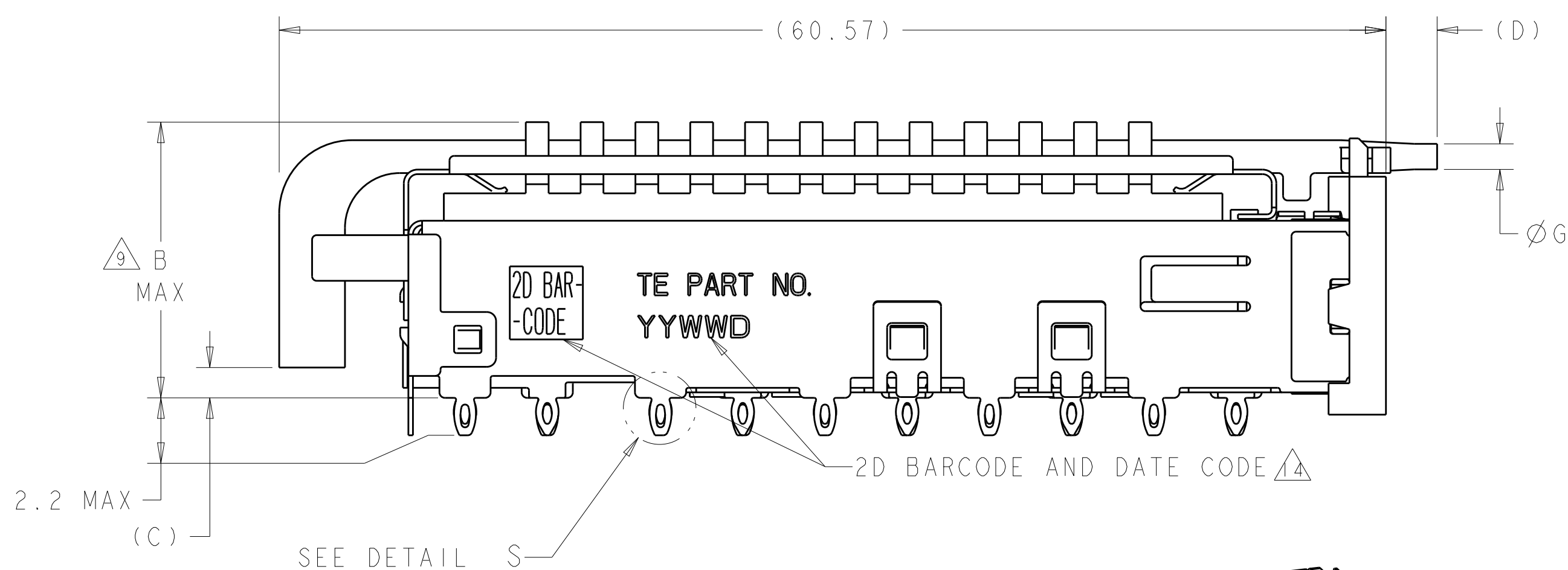
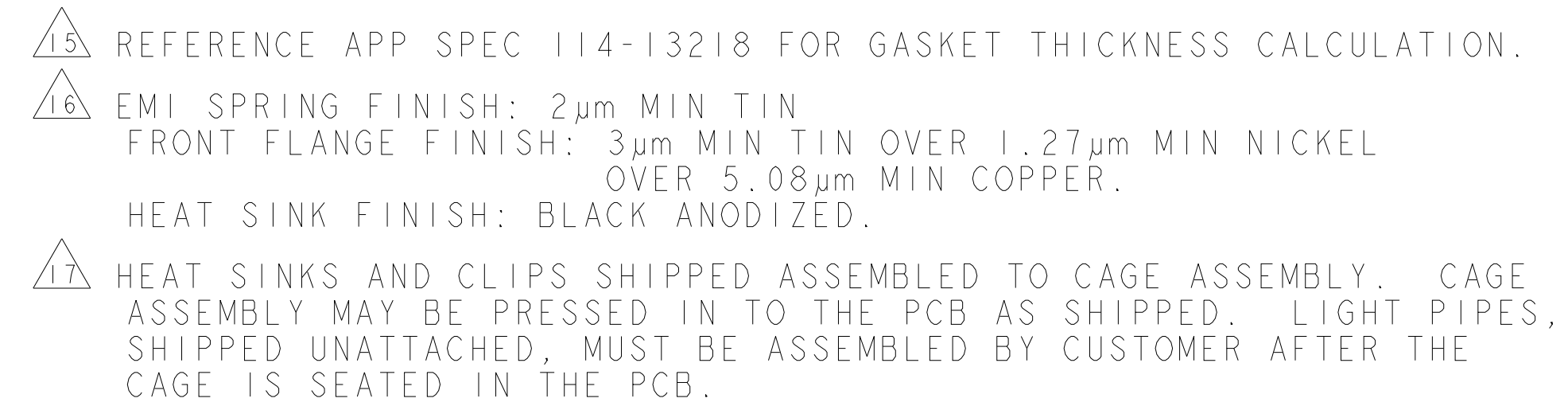
THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	2007
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LOC	DIST	REVISIONS						
GP	00	F	LTR	DESCRIPTION	DATE	DRN	APVD	
		C	I	REVISED PER ECO-11-004835	11MAR2011	RK	HMR	
		D		REVISED PER ECO-12-005533	31MAR2012	JY	AC	
		E		REVISED PER ECO-13-009872	26NOV2013	RG	MC	
		F		REVISED PER ECO-14-016878	30DEC2014	RG	MC	



DETAIL S 
SCALE 20:1

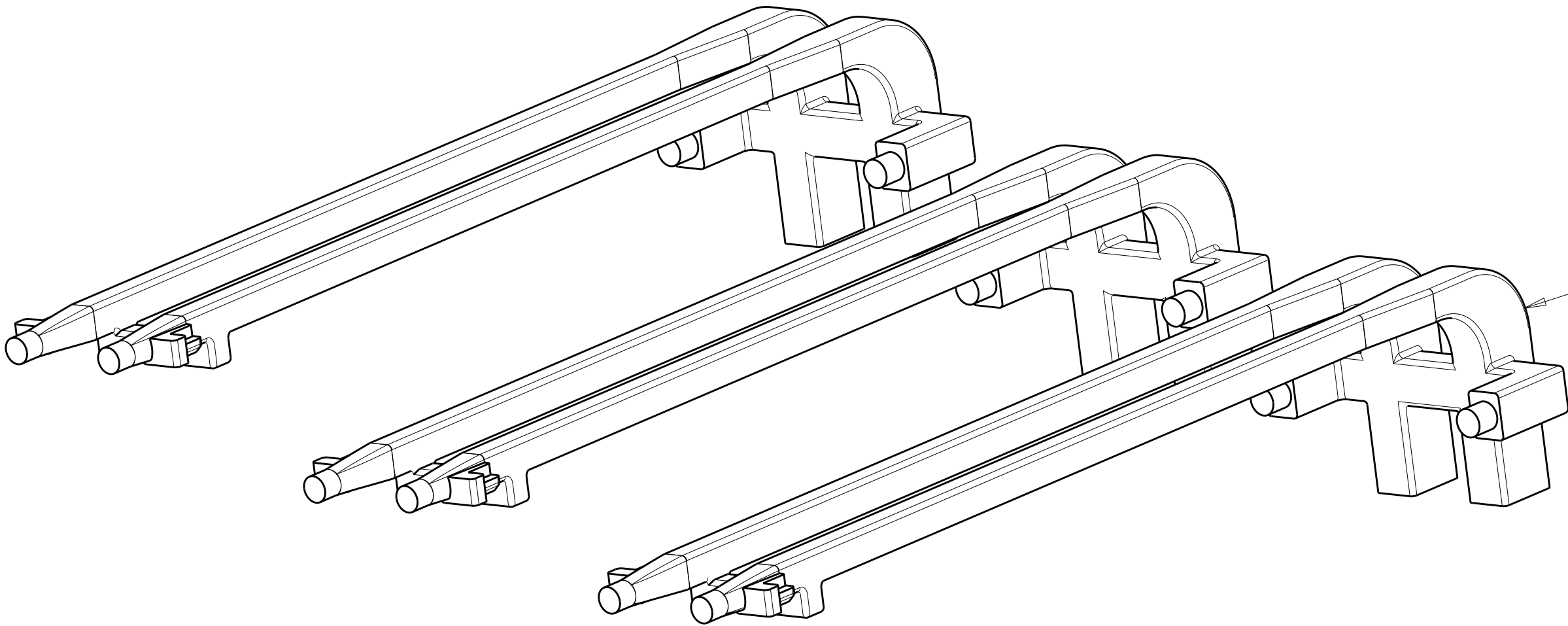
- ① CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRINGS MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
- ② PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.
- ③ SPACING BETWEEN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



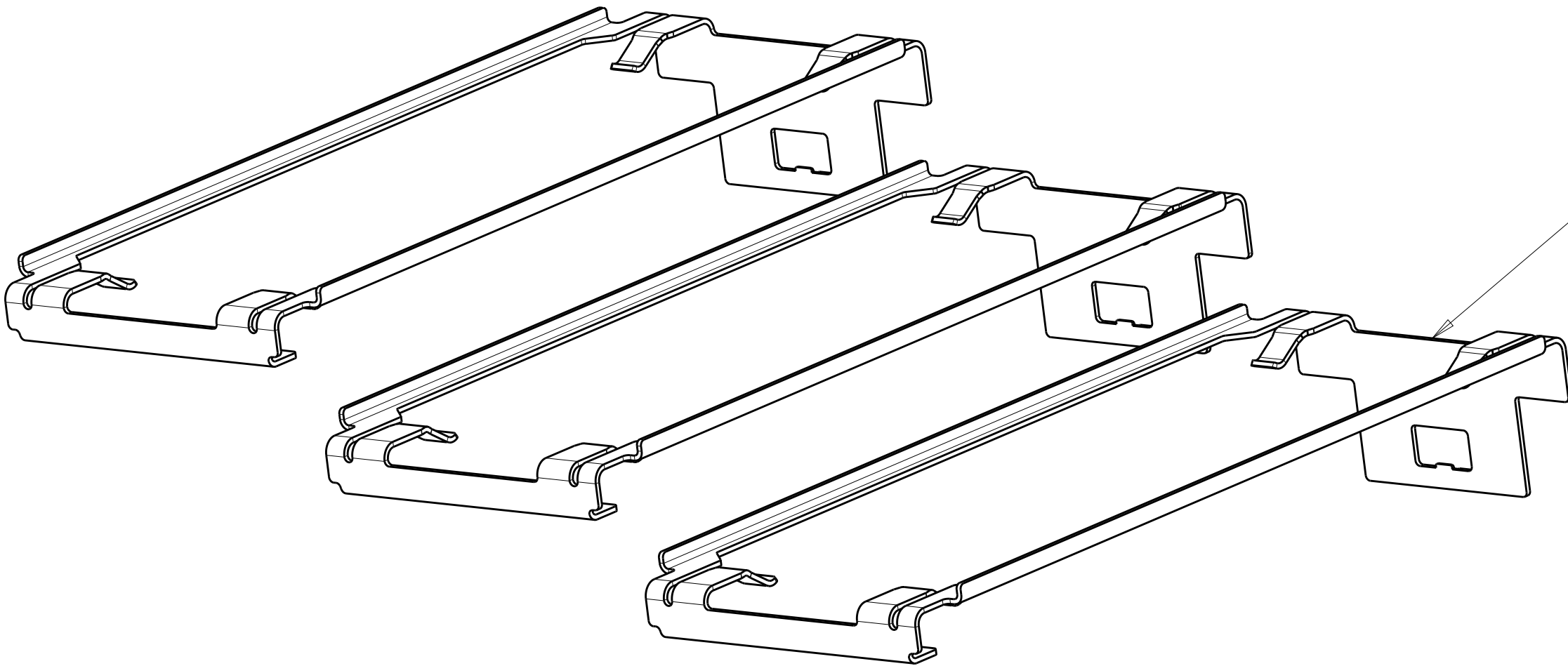
△	1.4	0.8-1.1	2.0	1.70	21.0	FIN TYPE	1-2057042-1
	N/A	N/A	N/A	N/A	15.0	FIN TYPE	1-2057042-0
△	2.0	0.8-1.1	3.5	1.70	16.8	CUSTOMERIZED	2057042-9
△	1.4	0.8-1.1	2.0	1.70	23.0	NETWORKING	2057042-8
△	1.4	0.8-1.1	2.0	1.70	16.0	SAN	2057042-7
△	1.4	0.8-1.1	2.0	1.70	13.7	PCI	2057042-6
△	1.4	1.3-1.4	5.7	2.15	16.0	SAN	2057042-5
△	1.4	1.3-1.4	5.7	2.15	13.7	PCI	2057042-4
△	1.4	0.8-1.1	2.8	1.70	23.0	NETWORKING	2057042-3
△	1.4	0.8-1.1	2.8	1.70	16.0	SAN	2057042-2
△	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				
		CW E. BRIGHT	28FEB2008				TE Connectivity
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD E. BRIGHT	28FEB2008	NAME	IX3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSPF		
mm		PRODUCT SPEC					
	Ø PLC ±. 2 Ø PLC #0.1 3 Ø PLC ±. 4 Ø PLC ±.	108-2286					
	ANGLES ±.	APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL	FINISH	114-13218		A1	00779	C=2057042	
		WEIGHT -		SCALE 4:1		SHEET 1 OF 5	REV F
		CUSTOMER DRAWING					

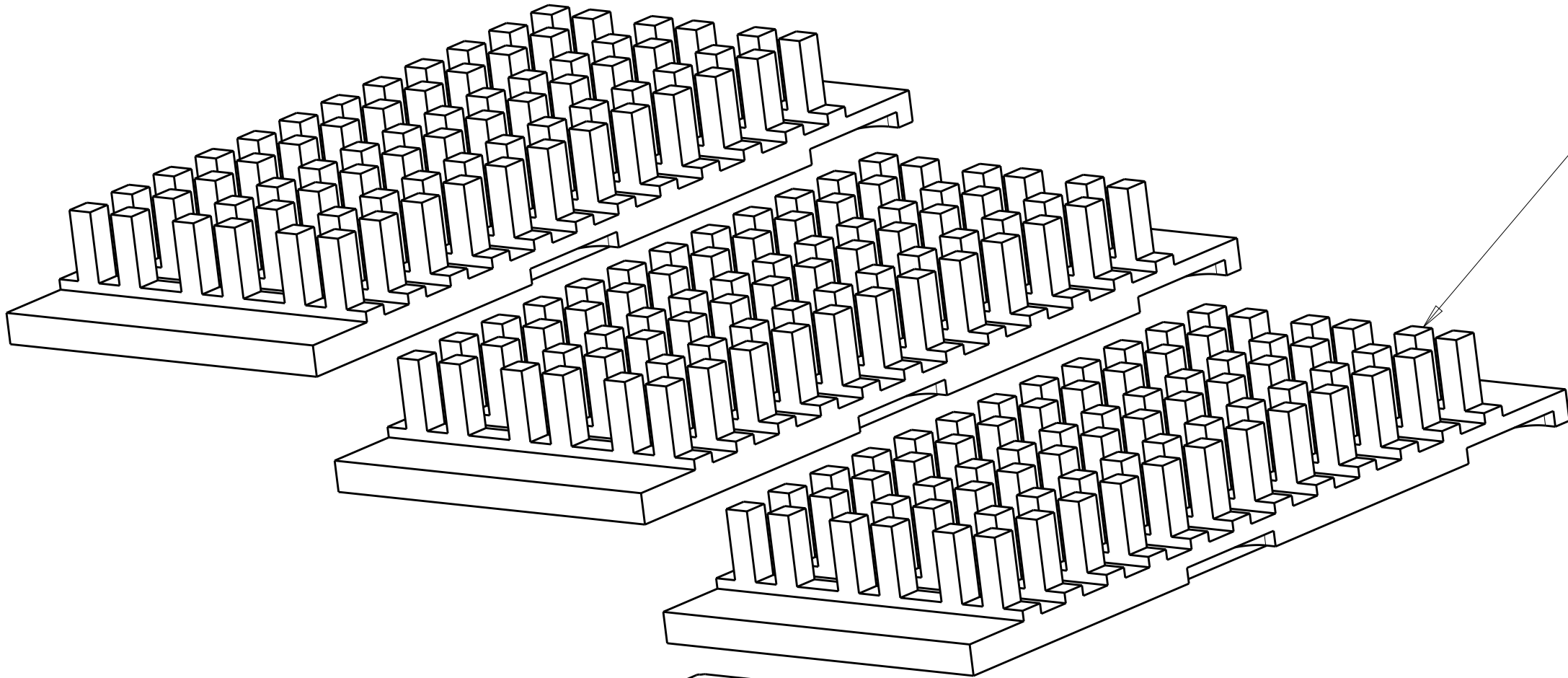
LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
				-	-	SEE SHEET 1	-	-	-	



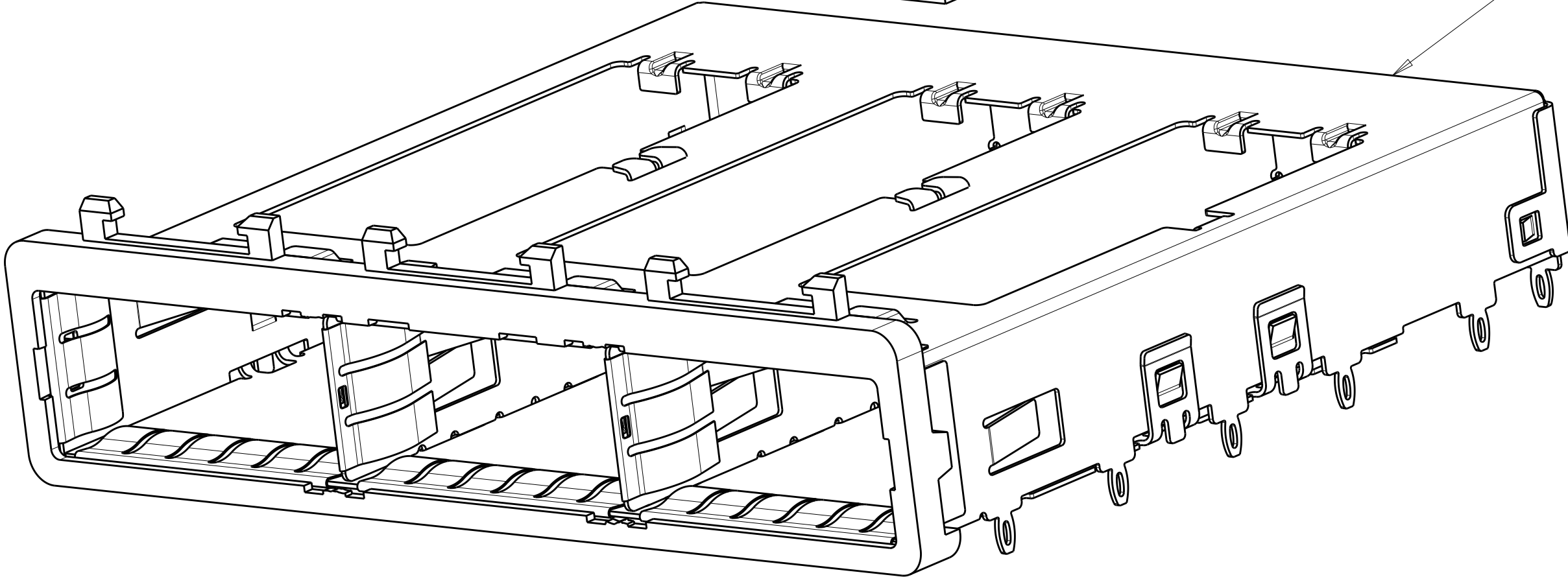
DOUBLE LIGHT PIPES
QUANTITY: 3



HEAT SINK CLIPS
QUANTITY: 3



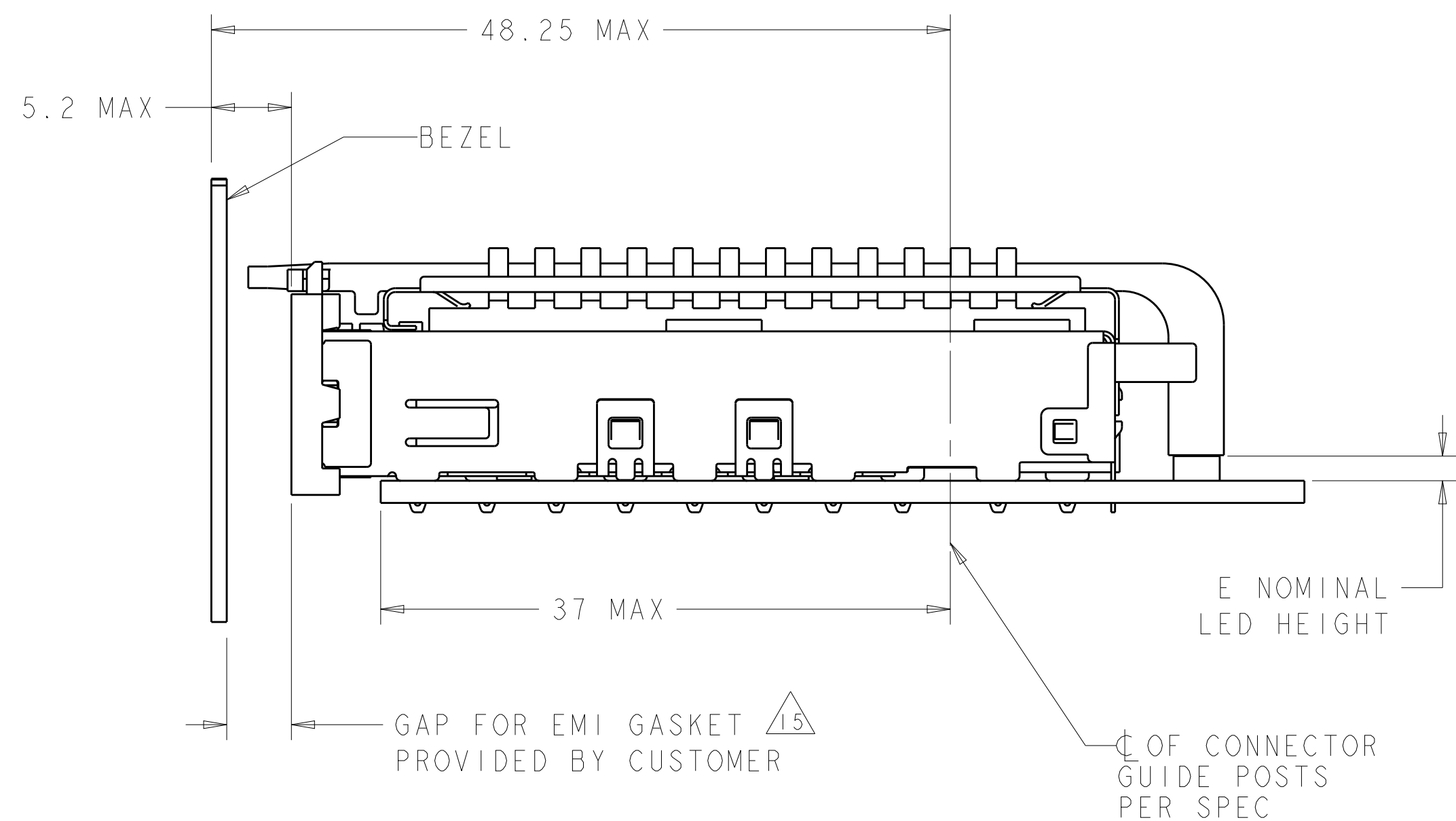
72 PIN HEAT SINKS
QUANTITY: 3



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,			
				108-2286			W/ LIGHT PIPES AND HEAT SINKS,			
				APPLICATION SPEC			QSFP			
				114-13218			SIZE		CAGE CODE	
				WEIGHT			A100779		C=2057042	
				CUSTOMER DRAWING			SCALE		SHEET	
				4:1		2		5		REV F

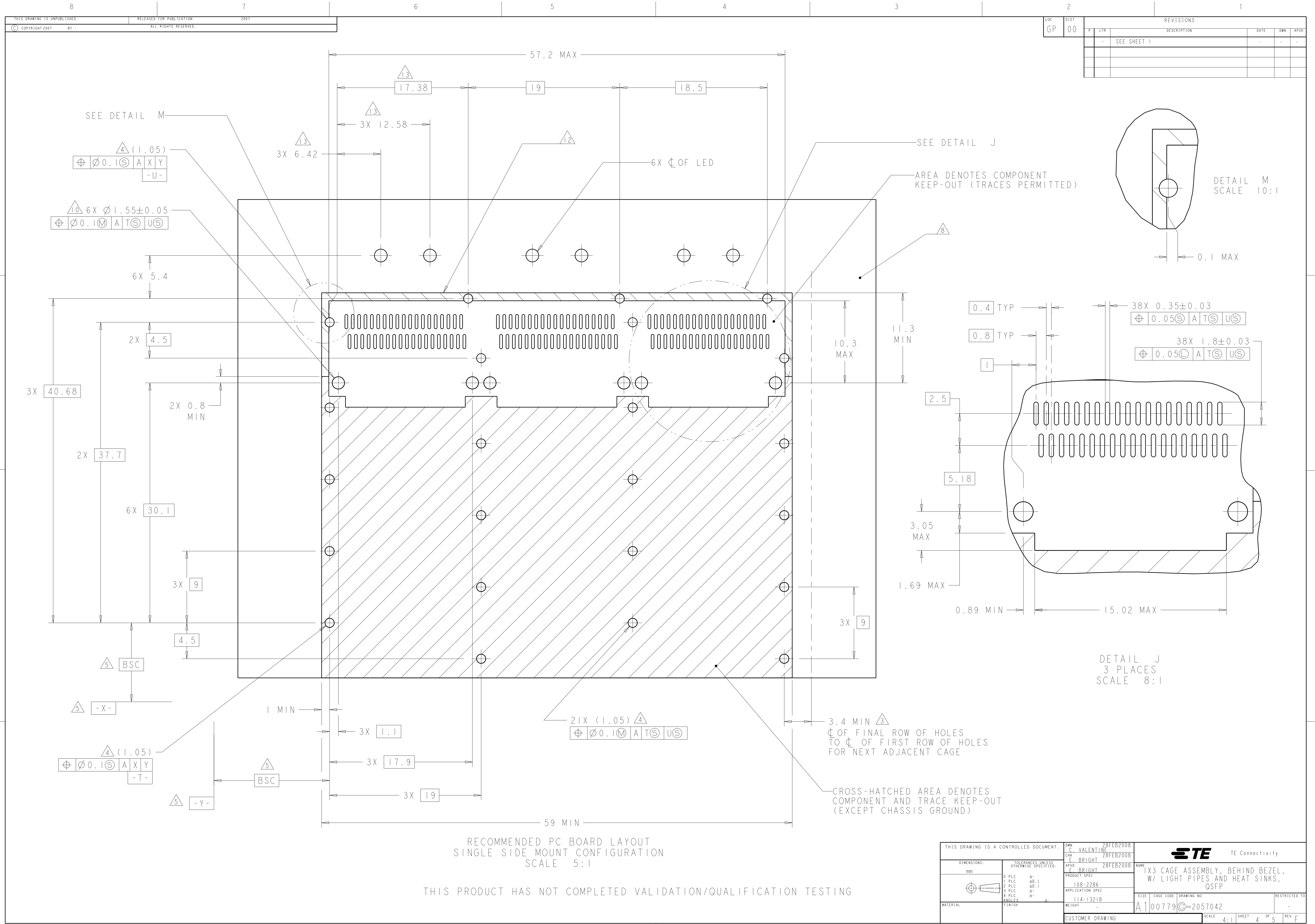


TE PART NO. YYWWD

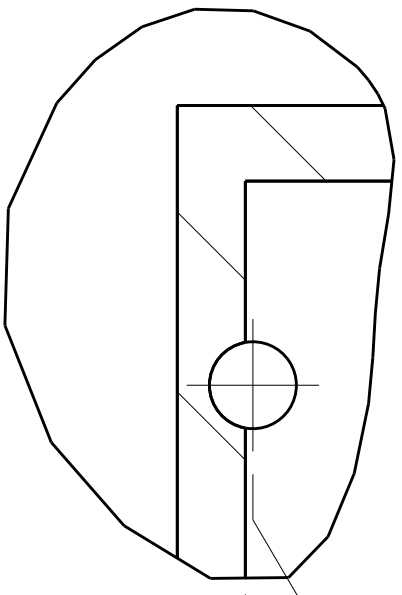
20 BAR-CODE



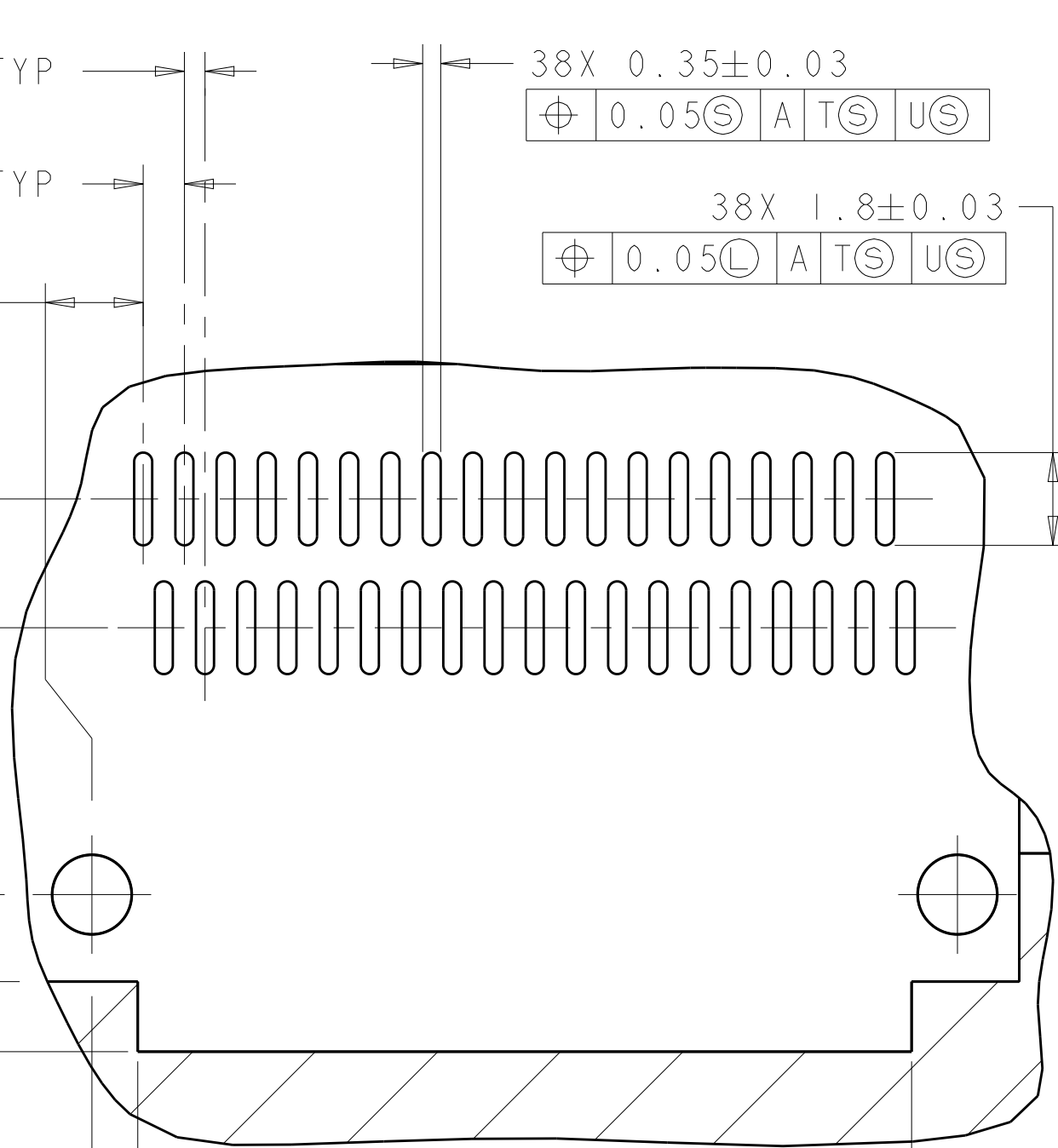
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 28FEB2008 C. VALENTINE CHK 28FEB2008 F. BRIGHT APVD F. BRIGHT 28FEB2008		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ±		NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218		SIZE A1	
MATERIAL		FINISH		WEIGHT -	
CUSTOMER DRAWING		SCALE 4:1		DRAWING NO C=2057042	
		SHEET 3 OF 5		REV F	



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



DETAIL M
SCALE 10:1



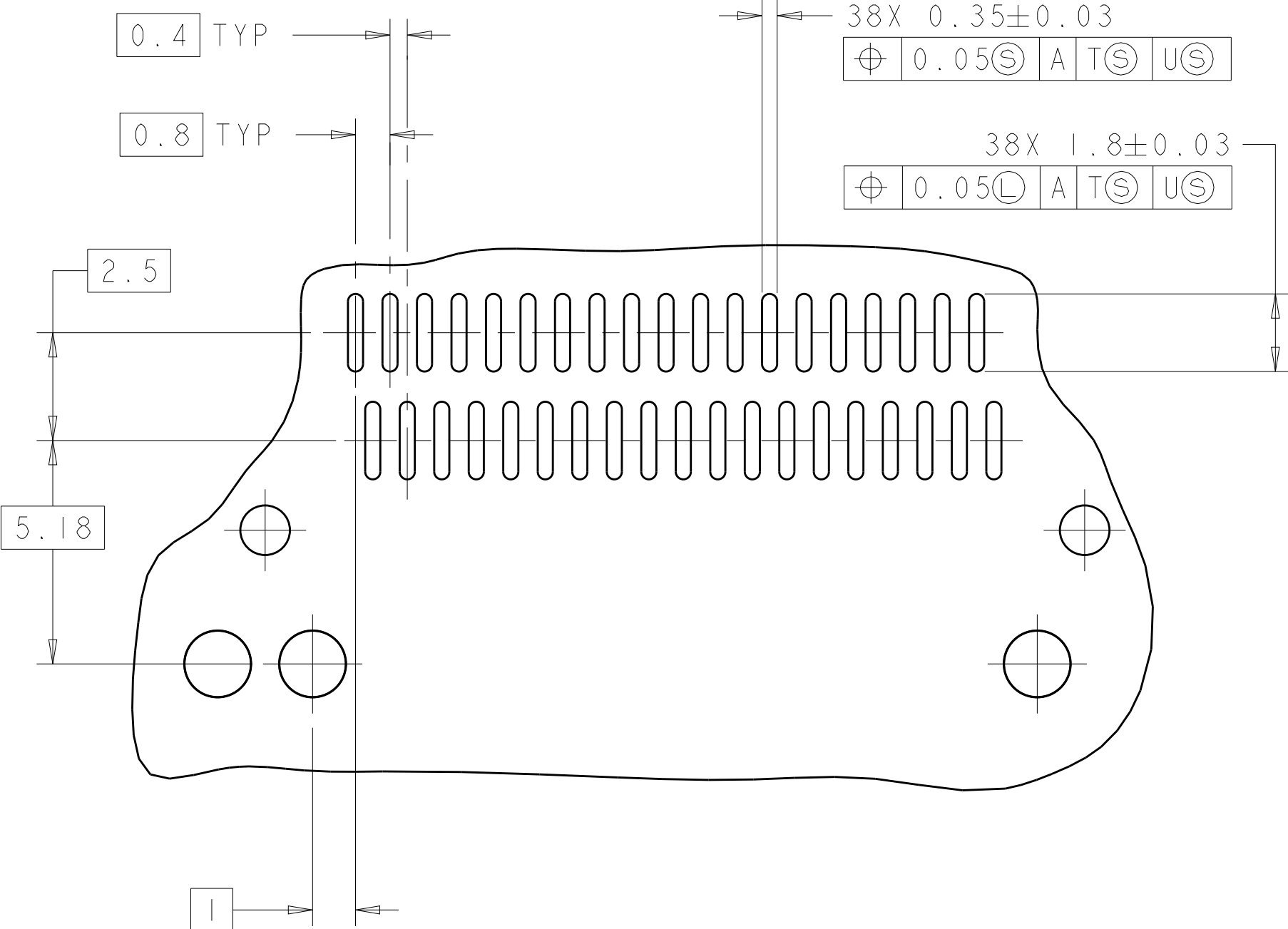
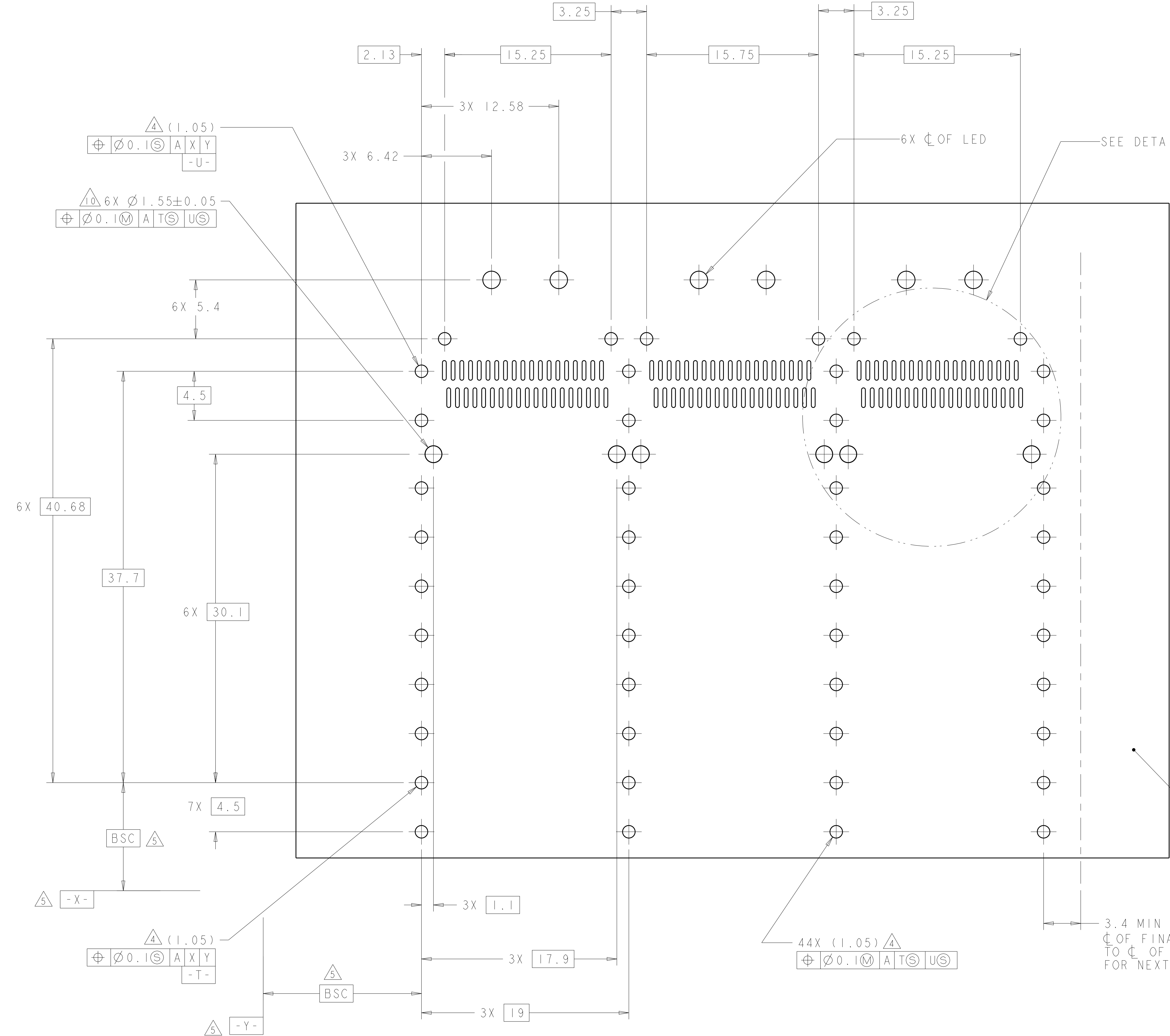
DETAIL J
3 PLACES
SCALE 8:1

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	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218		SIZE A100779	
MATERIAL		FINISH		DRAWING NO C=2057042	
		WEIGHT		RESTRICTED TO -	
		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	-	-	-		



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE	28FEB2008	TE Connectivity	
		CHK E. BRIGHT	28FEB2008		
DIMENSIONS:		APVD F. BRIGHT	28FEB2008	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
mm		PRODUCT SPEC		SIZE	
		108-2286		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		114-13218		RESTRICTED TO	
		WEIGHT		-	
MATERIAL		FINISH		A100779C=2057042	
		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

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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.