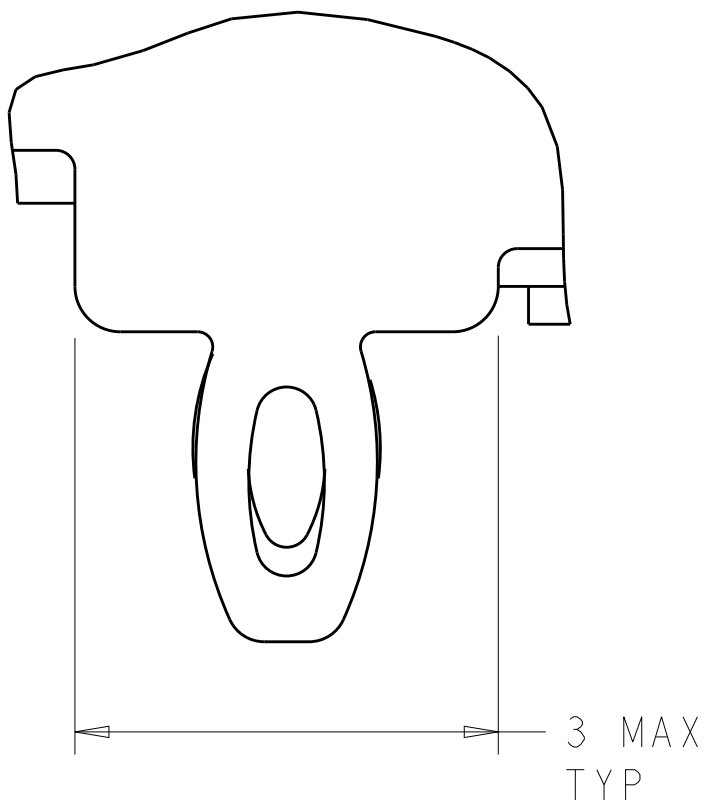


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		C	REVISED PER ECO-10-018054	02NOV2010	CJV	EJB	
			D	REVISED PER ECO-12-005533	23MAR2012	JY	AC	
			E	REVISED PER ECO-14-012115	6AUG2014	RG	MC	
			F	REVISED PER ECO-14-017735	30EC2014	RG	MC	

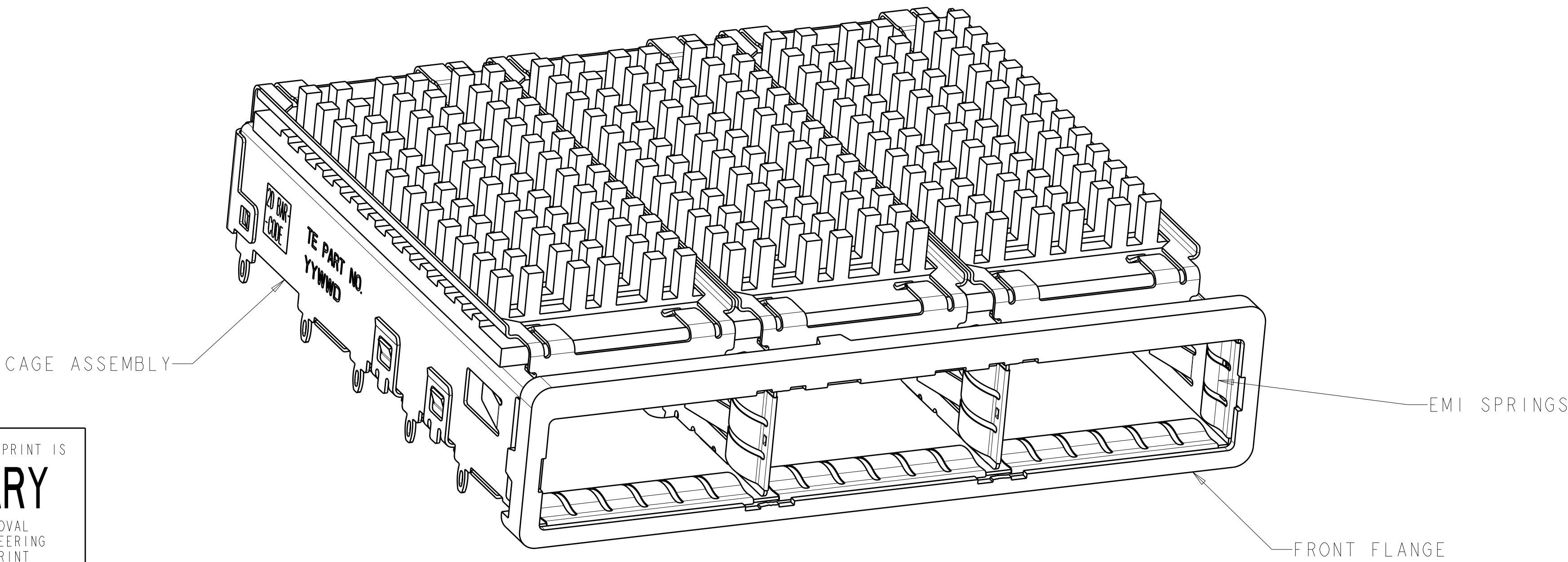
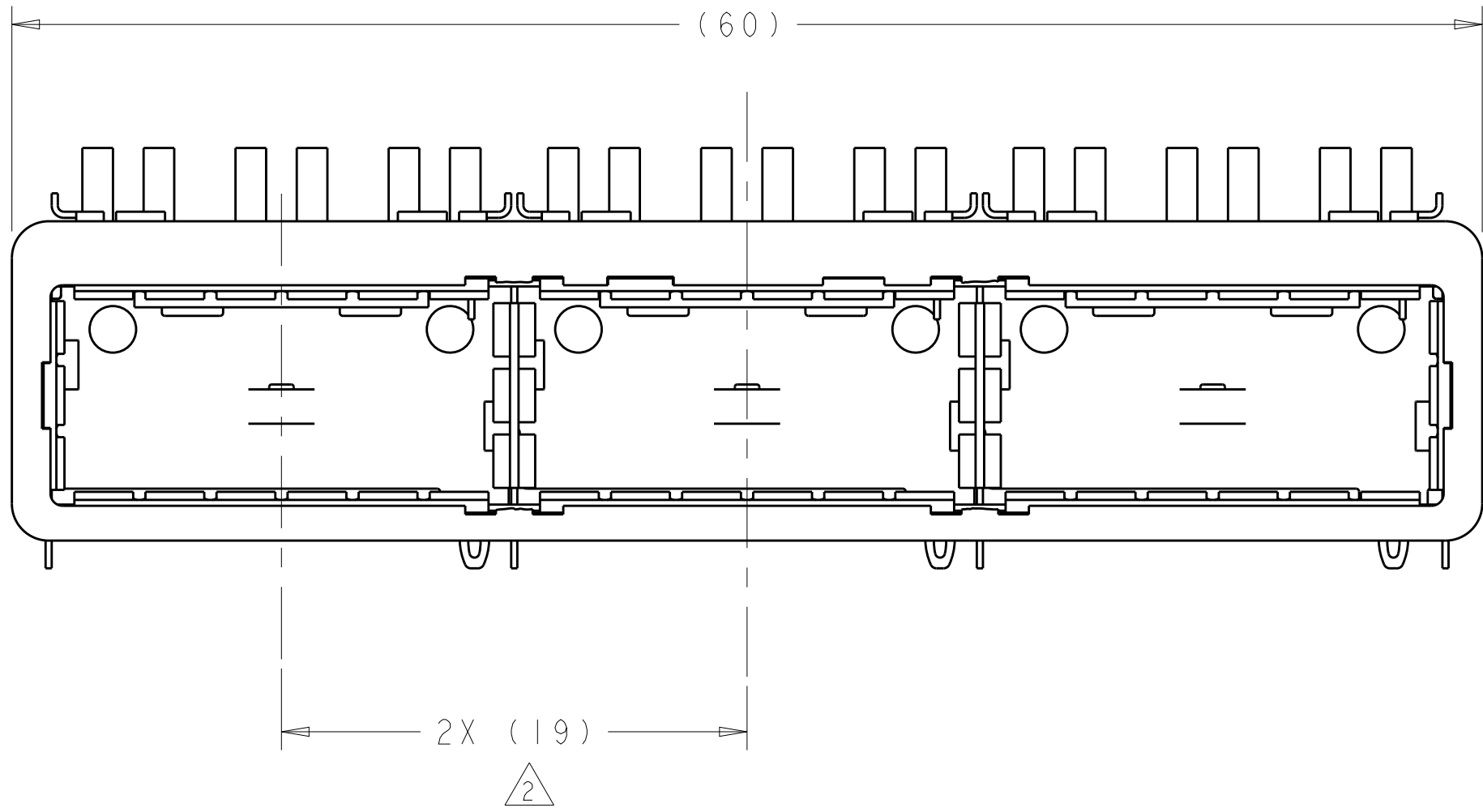
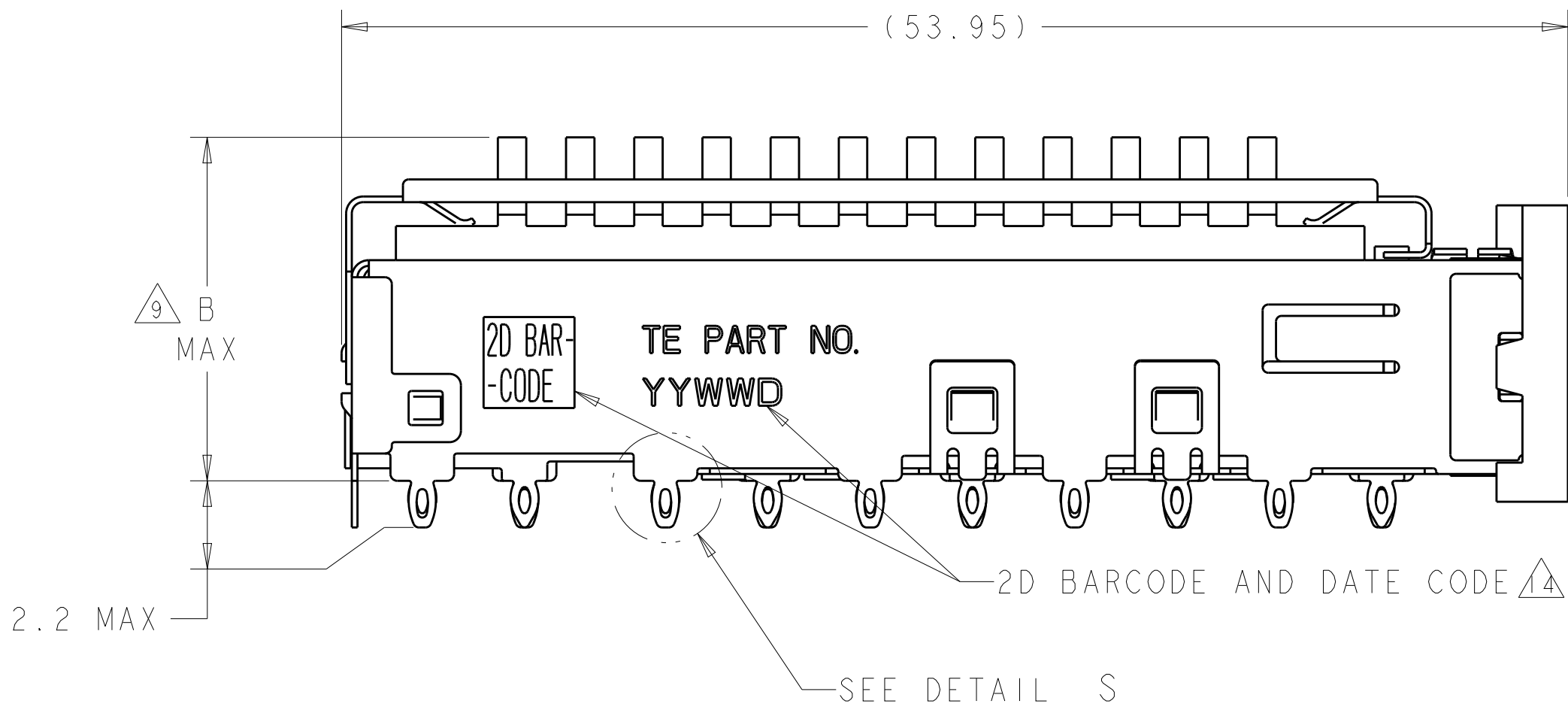


DETAIL S 
SCALE 20:1

-  MATERIALS:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
FRONT FLANGE: ZINC ALLOY
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL
-  PITCH BETWEEN PORTS OF ONE 1X3 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.
MINIMUM SINGLE SIDED PC BOARD THICKNESS: 1.45mm
MINIMUM DOUBLE SIDED PC BOARD 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 (YYWW) MARKED ON SIDE OF CAGE.
-  REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.
-  FINISH:
EMI SPRINGS: 2µm MINIMUM TIN
FRONT FLANGE: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL
OVER 5.08µm MINIMUM COPPER
HEAT SINK: ANODIZED BLACK.

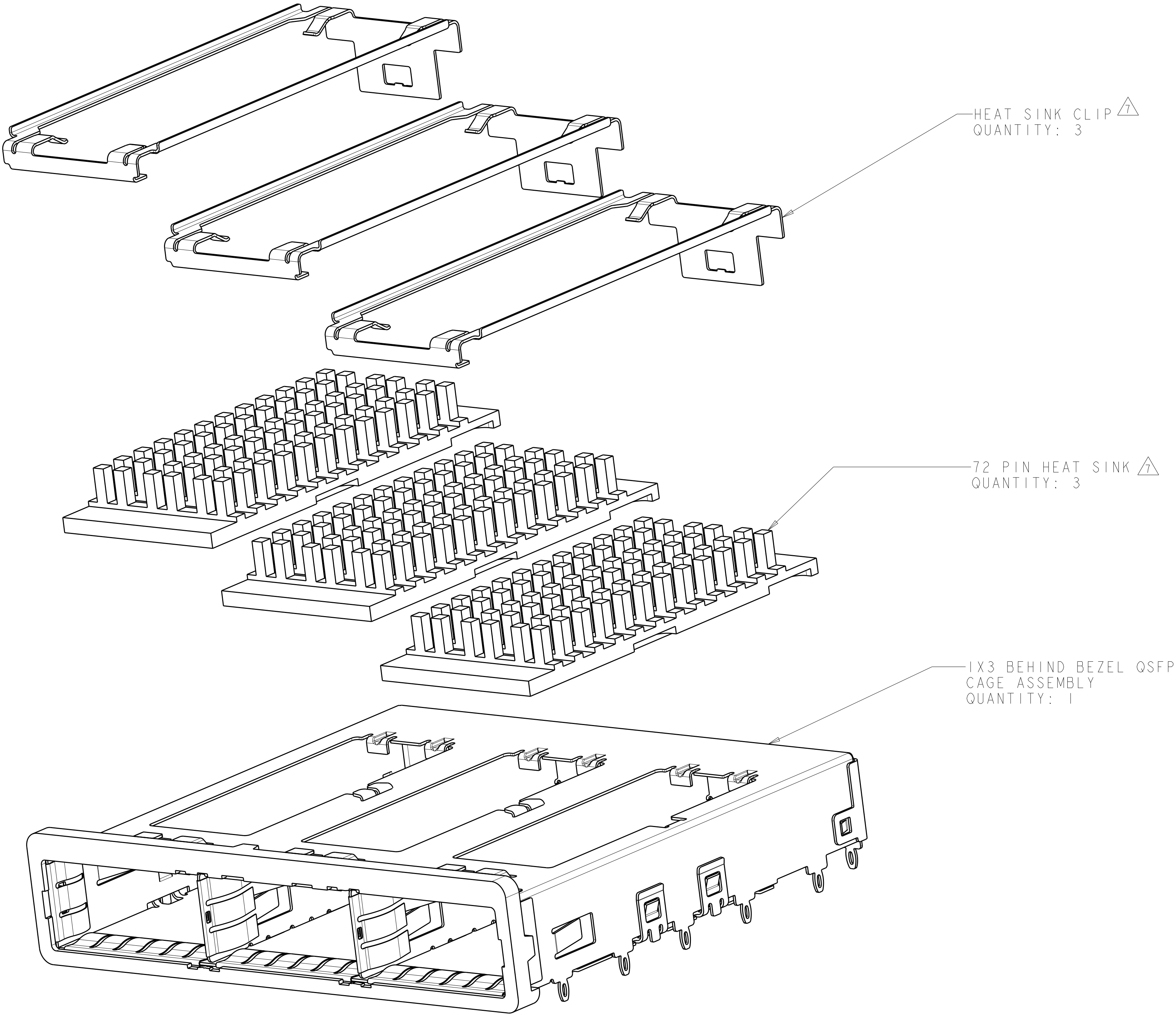


DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

16.8	CUSTOMERIZED	2007456-4
23.0	NETWORKING	2007456-3
16.0	SAN	2007456-2
13.7	PCI	2007456-1
B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK E. BRIGHT APVD F. BRIGHT	07NOV2007 07NOV2007 07NOV2007	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
mm		0 PLC ±.1 1 PLC ±0.1 2 PLC ±.1 3 PLC ±. 4 PLC ±. ANGLES ±.		108-2286	
MATERIAL		FINISH		APPLICATION SPEC	
				114-13218	
WEIGHT		CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO	
SCALE 4:1		SHEET 1 OF 5		REV F	

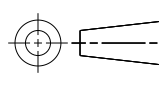
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



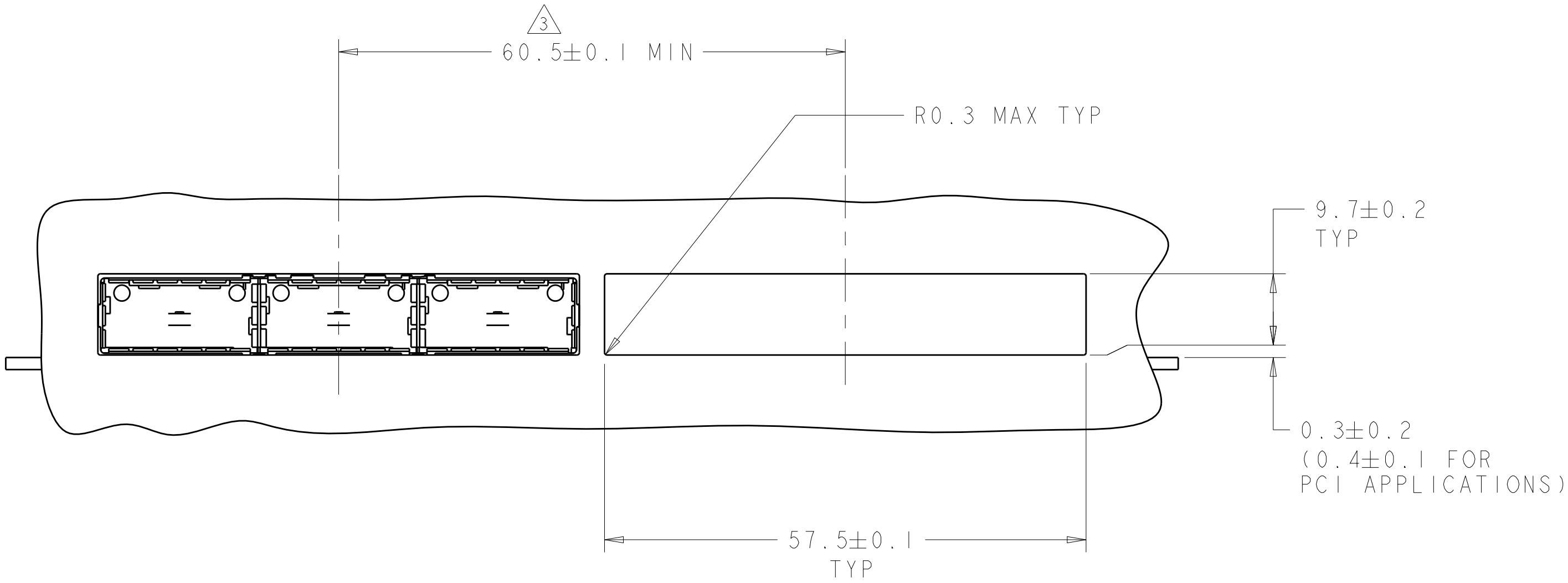
DESIGN APPROVED THIS PRINT IS

PRELIMINARY

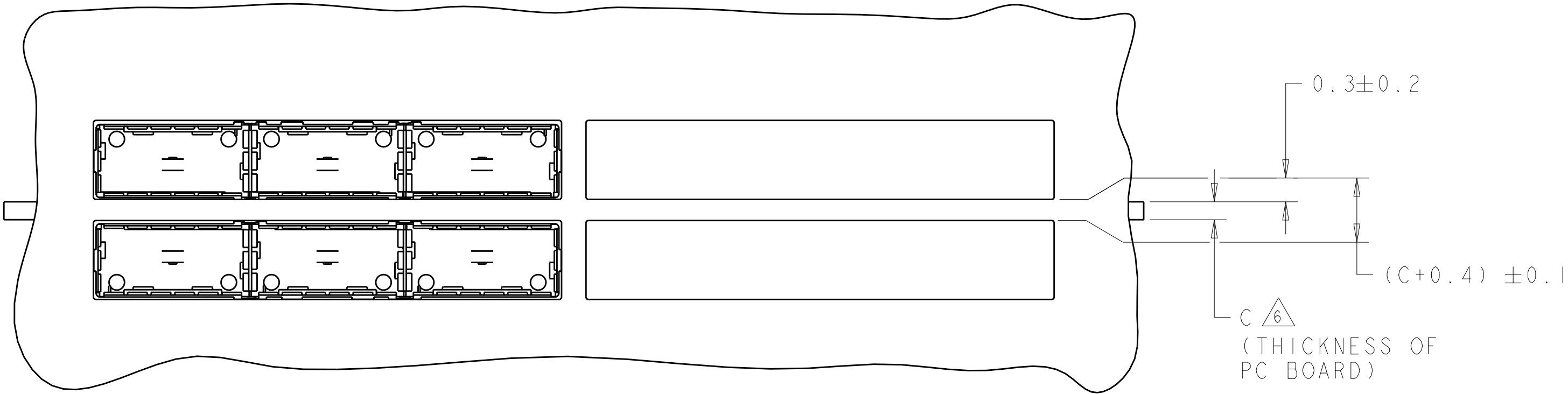
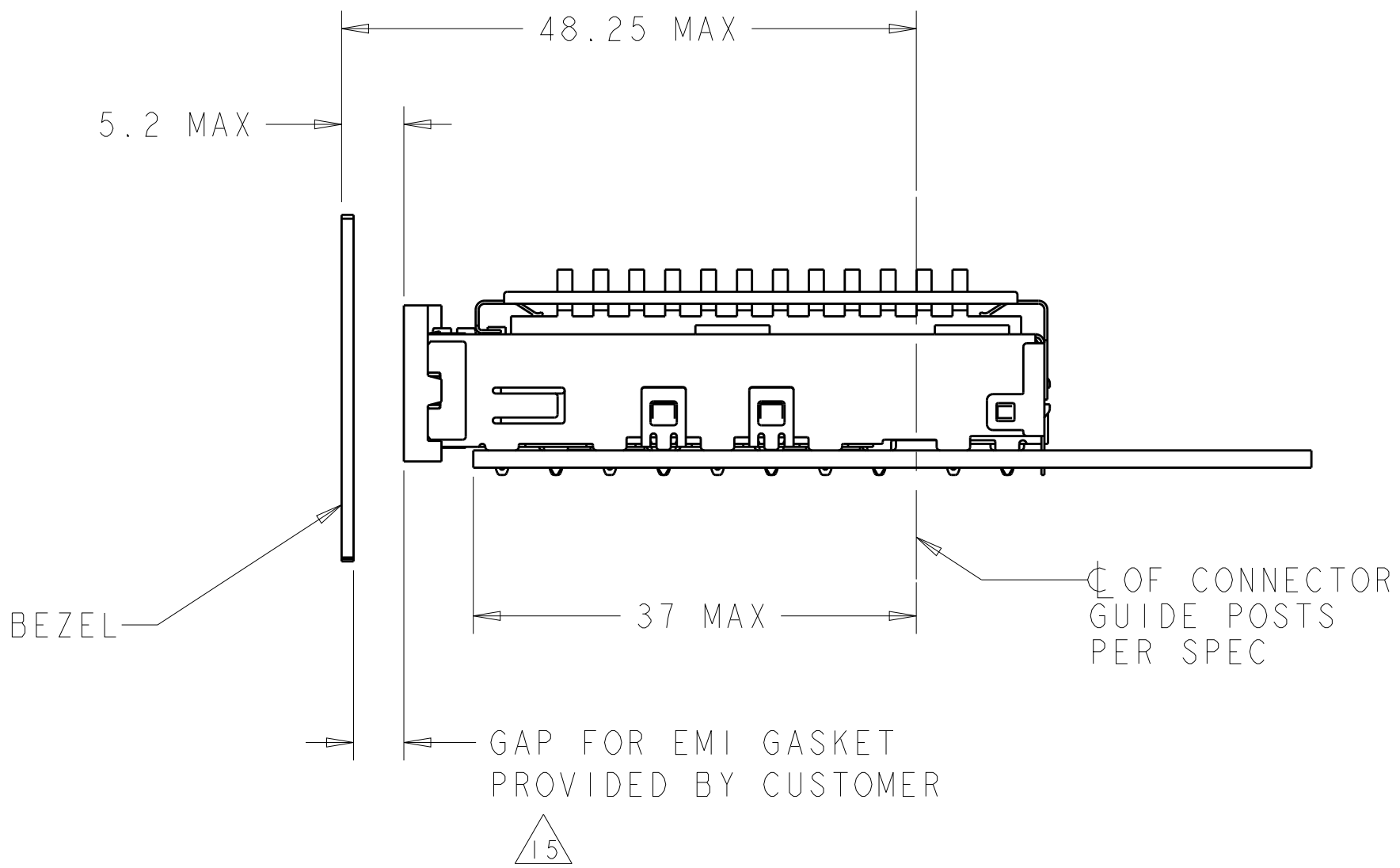
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE	07NOV2007	 TE Connectivity	
		CHK E. BRIGHT	07NOV2007		
DIMENSIONS:		APVD F. BRIGHT	07NOV2007	NAME 1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
mm		PRODUCT SPEC		SIZE	
		108-2286		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		114-13218		RESTRICTED TO	
		WEIGHT		A100779C=2007456	
MATERIAL		CUSTOMER DRAWING		SCALE	
-				4:1	
				SHEET	
				2	
				OF	
				5	
				REV	
				F	

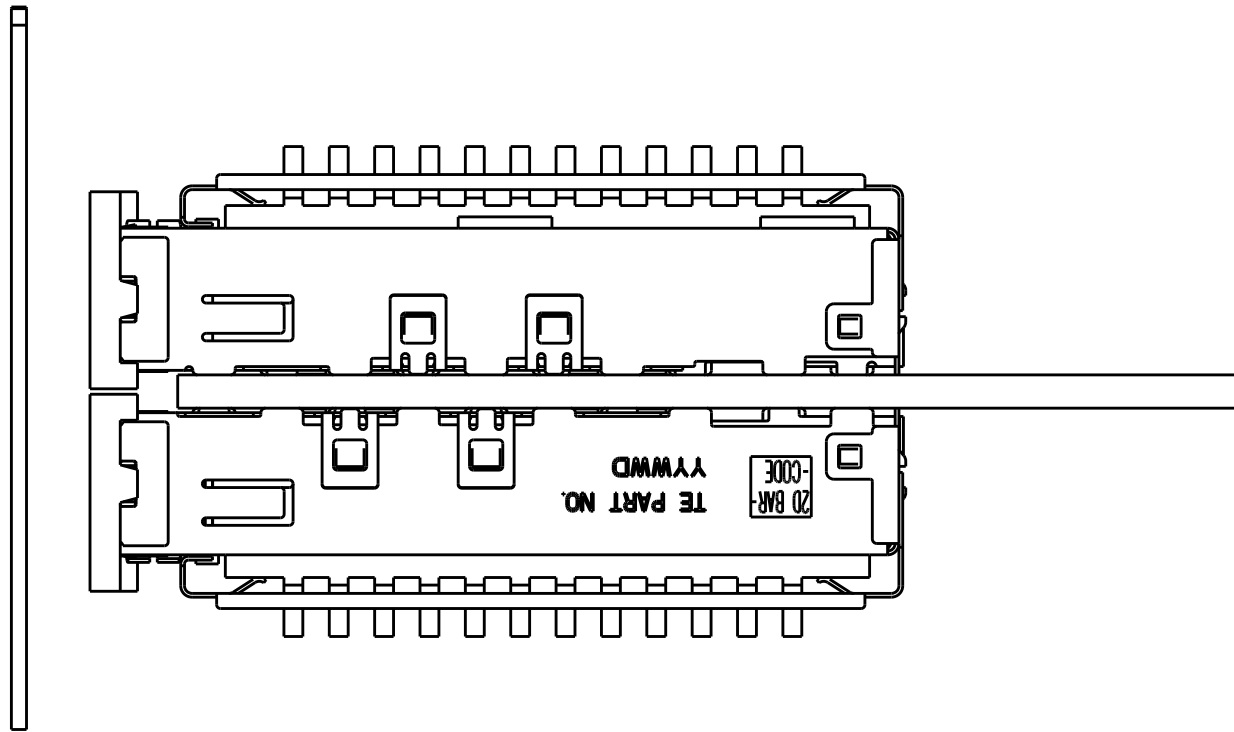
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



ONE SIDED CONFIGURATION
SCALE 2:1

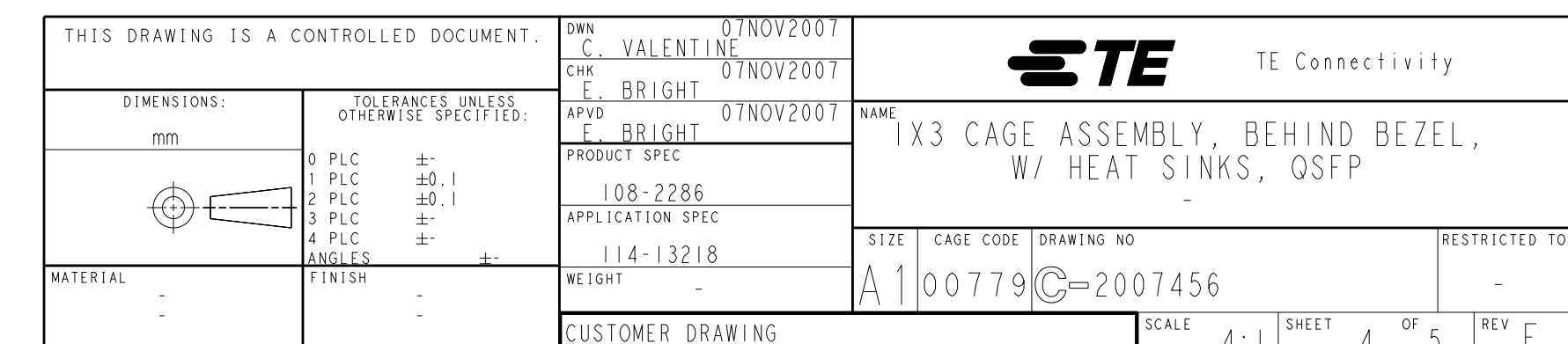


BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 2:1

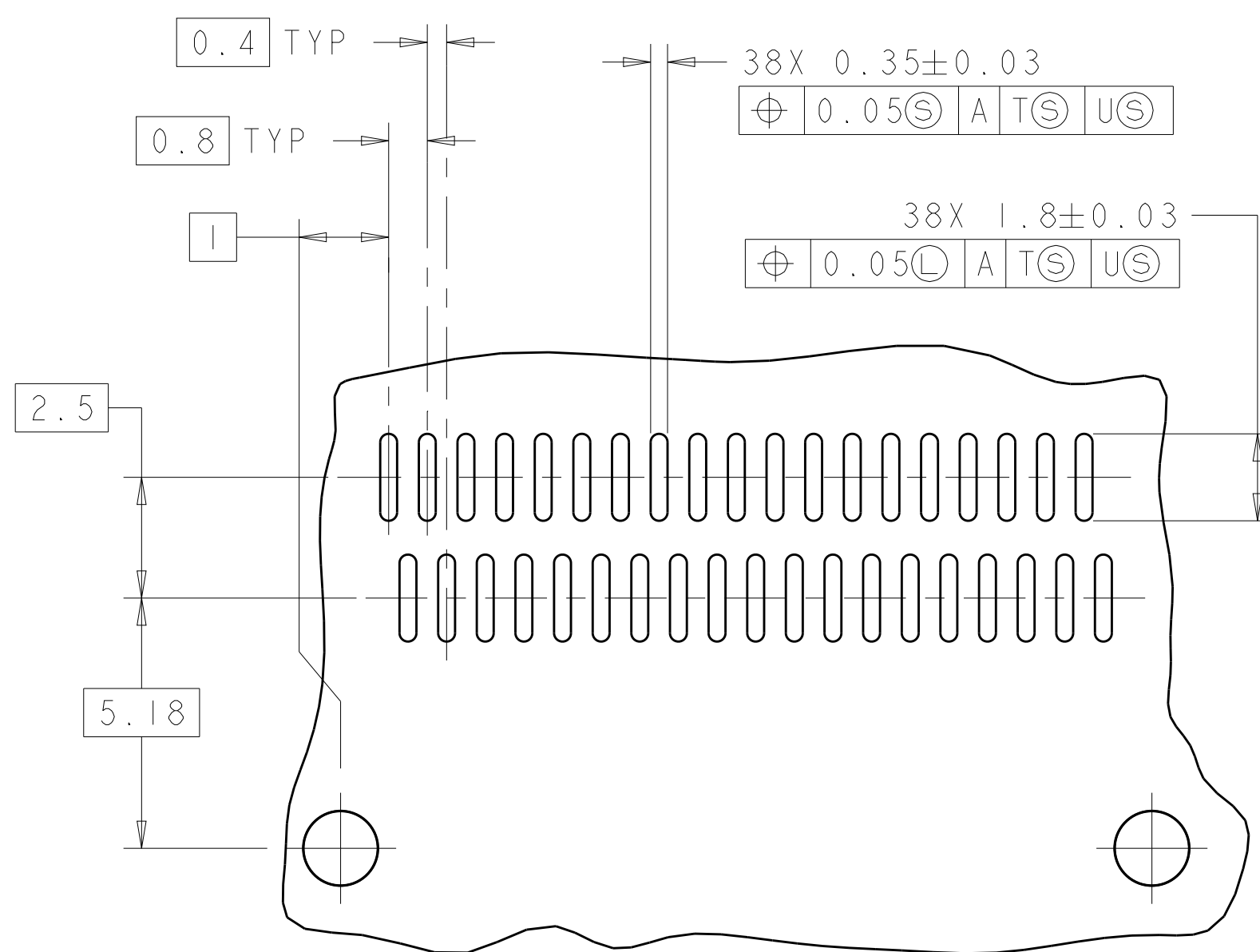


DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK E. BRIGHT APVD F. BRIGHT	07NOV2007 07NOV2007 07NOV2007	TE TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH		1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO	
-		-		A100779C=2007456	
CUSTOMER DRAWING		SCALE 4:1		SHEET 3 OF 5	
				REV F	



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



- 3.4 MIN $\triangle_3$
 C OF FINAL ROW OF HOLES
 TO C OF FIRST ROW OF HOLES
 FOR NEXT ADJACENT CAGE

DESIGN APPROVED THIS PRINT IS

PRELIMINARY

TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN. VALENTIN 01NOV2007 CHK. VALENTIN 01NOV2007 E. BRIGHT APD. BRIGHT 01NOV2007		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ± 4 PLC ± 5 PLC ± ANGLES ±		NAME I1X3 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, OSFP -	
		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218 WEIGHT -		SIZE CAGE CODE DRAWING NO A100779C2007456	
MATERIAL -		FINISH -		RESTRICTED TO -	
		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.