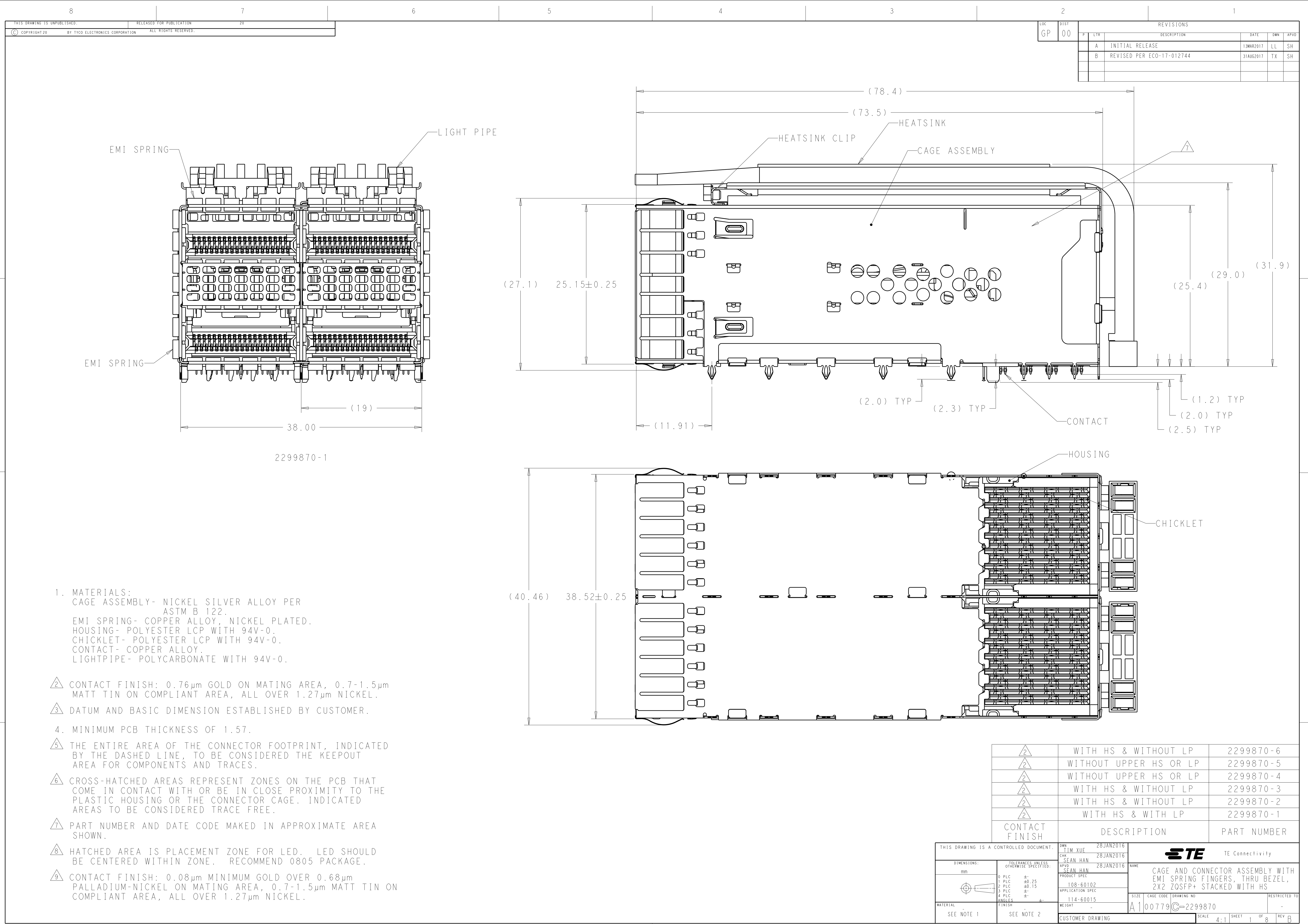
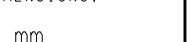




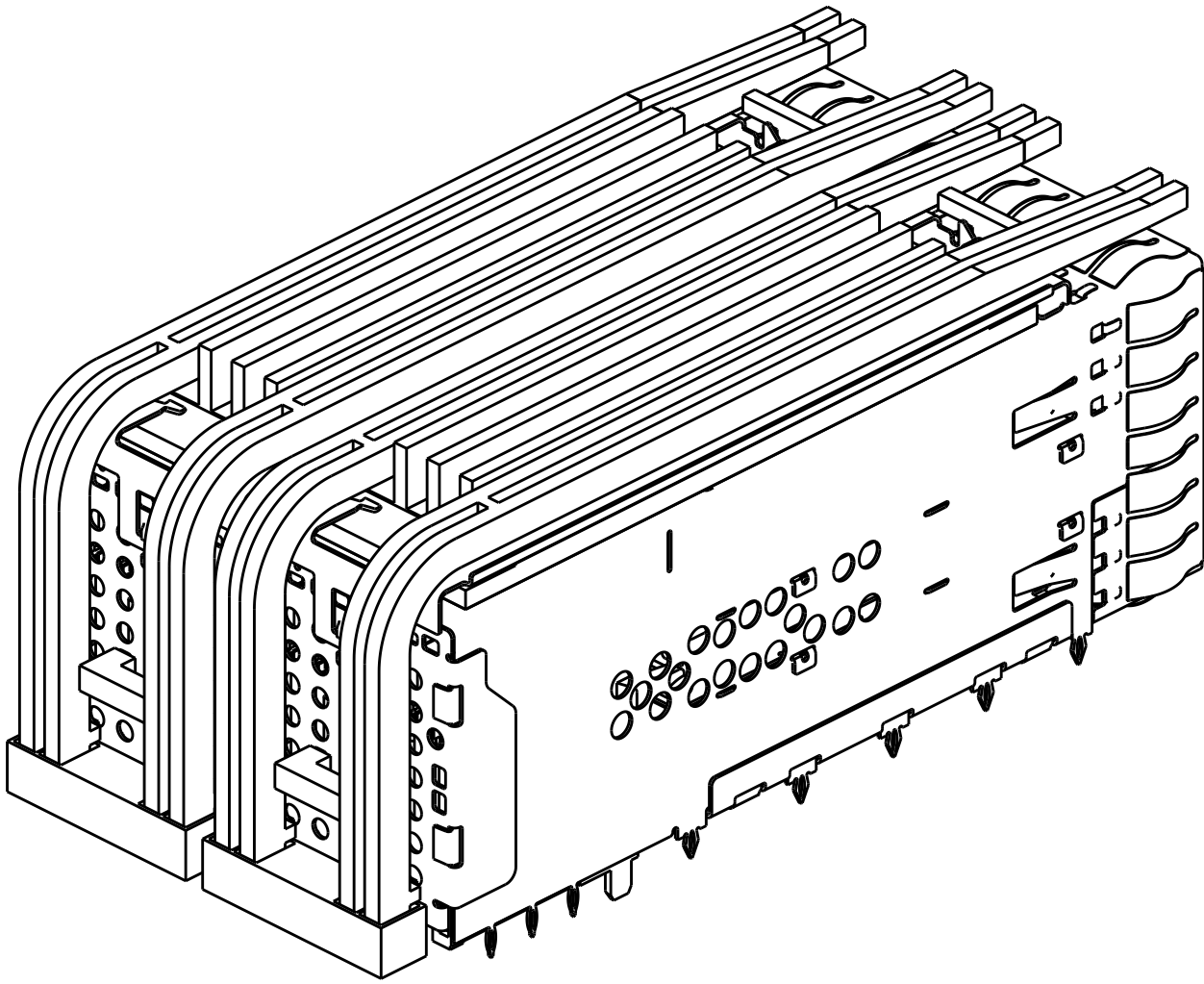
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				A		INITIAL RELEASE	13MAR2017	LL	SH
				B		REVISED PER ECO-17-012744	31AUG2017	TX	SH

- MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
- CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- MINIMUM PCB THICKNESS OF 1.57.
- THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND TRACES.
- CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
- PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.
- HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.
- CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.

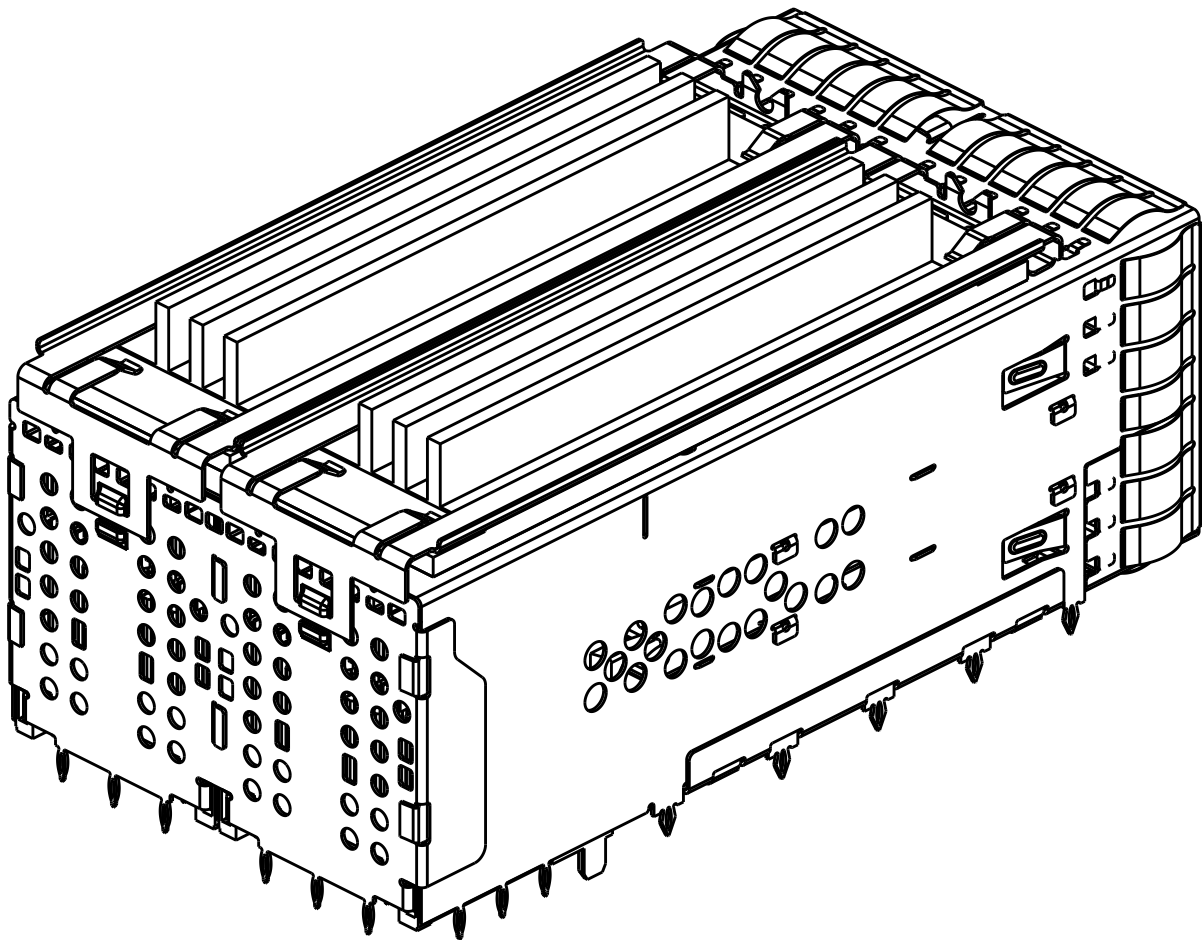
2	WITH HS & WITHOUT LP	2299870-6
2	WITHOUT UPPER HS OR LP	2299870-5
2	WITHOUT UPPER HS OR LP	2299870-4
2	WITH HS & WITHOUT LP	2299870-3
2	WITH HS & WITHOUT LP	2299870-2
2	WITH HS & WITH LP	2299870-1
CONTACT FINISH		PART NUMBER
DESCRIPTION		

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN: 28JAN2016 TIM XUE		 TE Connectivity	
DIMENSIONS:			CHK: 28JAN2016 SEAN HAN			
mm			APVD: 28JAN2016 SEAN HAN		NAME	
			PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015			
MATERIAL			WEIGHT		SIZE CAGE CODE DRAWING NO	
SEE NOTE 1			SEE NOTE 2		A100779C=2299870	
CUSTOMER DRAWING			SCALE 4:1		SHEET 1 OF 8 REV B	

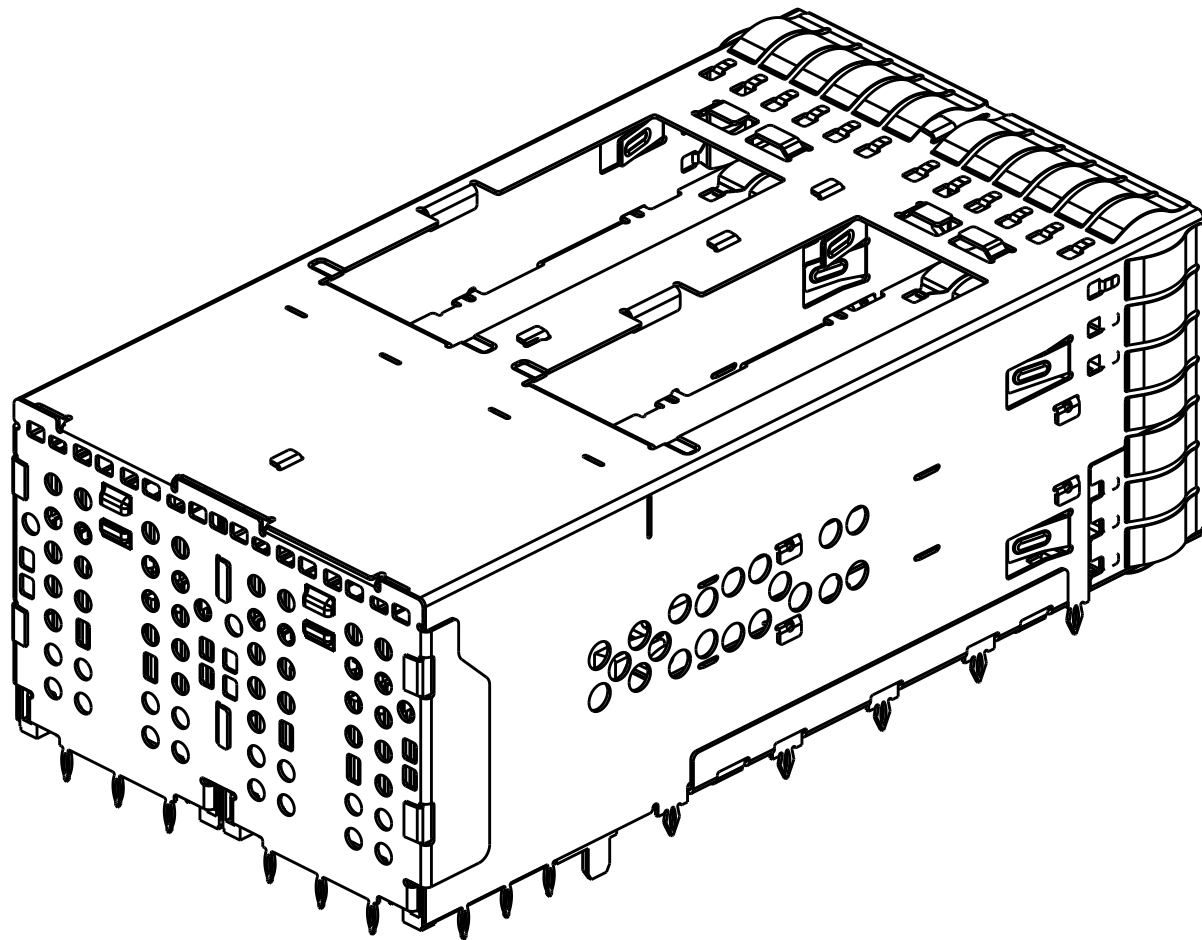
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



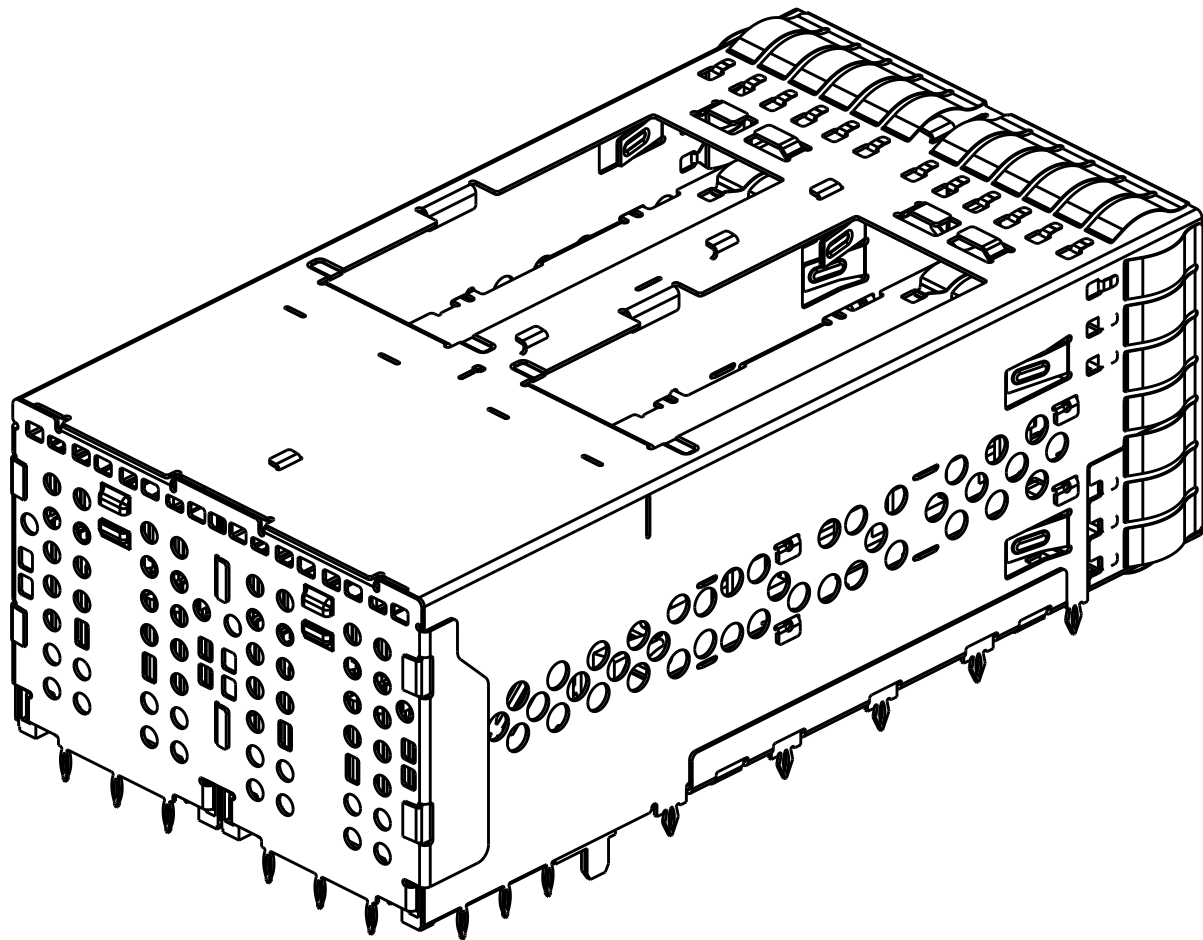
2299870-1 AS SHOWN
SCALE 2:1



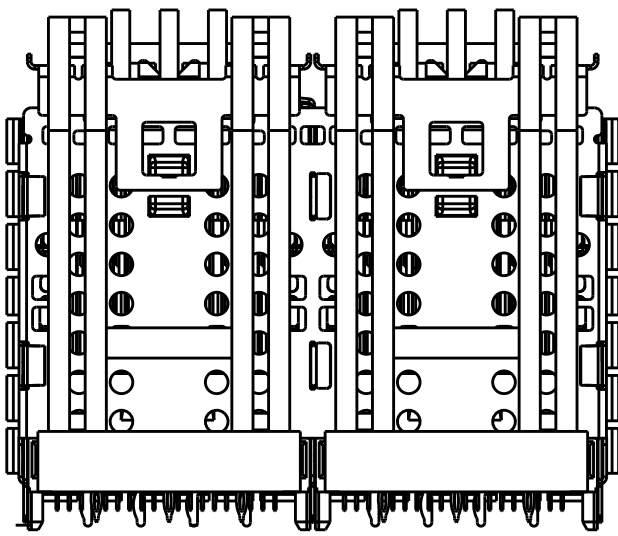
2299870-2 AS SHOWN
SAME AS 2299870-1 EXCEPT
W/O LEGHT PIPE AND ORGANIZER
SCALE 2:1



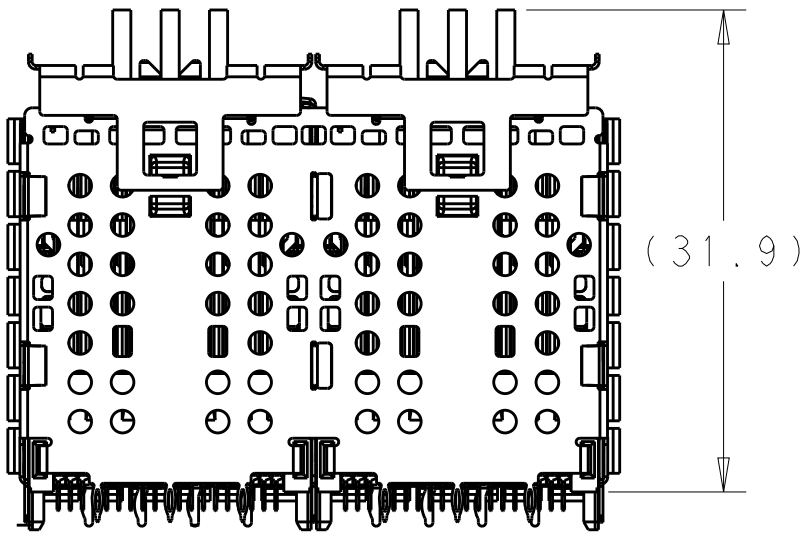
2299870-4 AS SHOWN
SAME AS 2299870-2 EXCEPT
W/O EXTERNAL HEAT SINK AND LP
SCALE 2:1



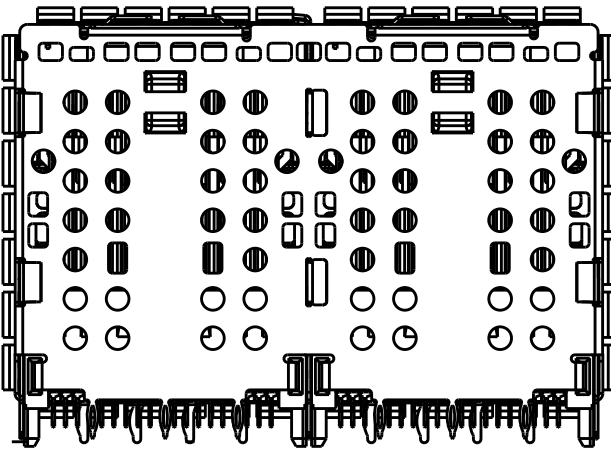
2299870-5
SCALE 2:1



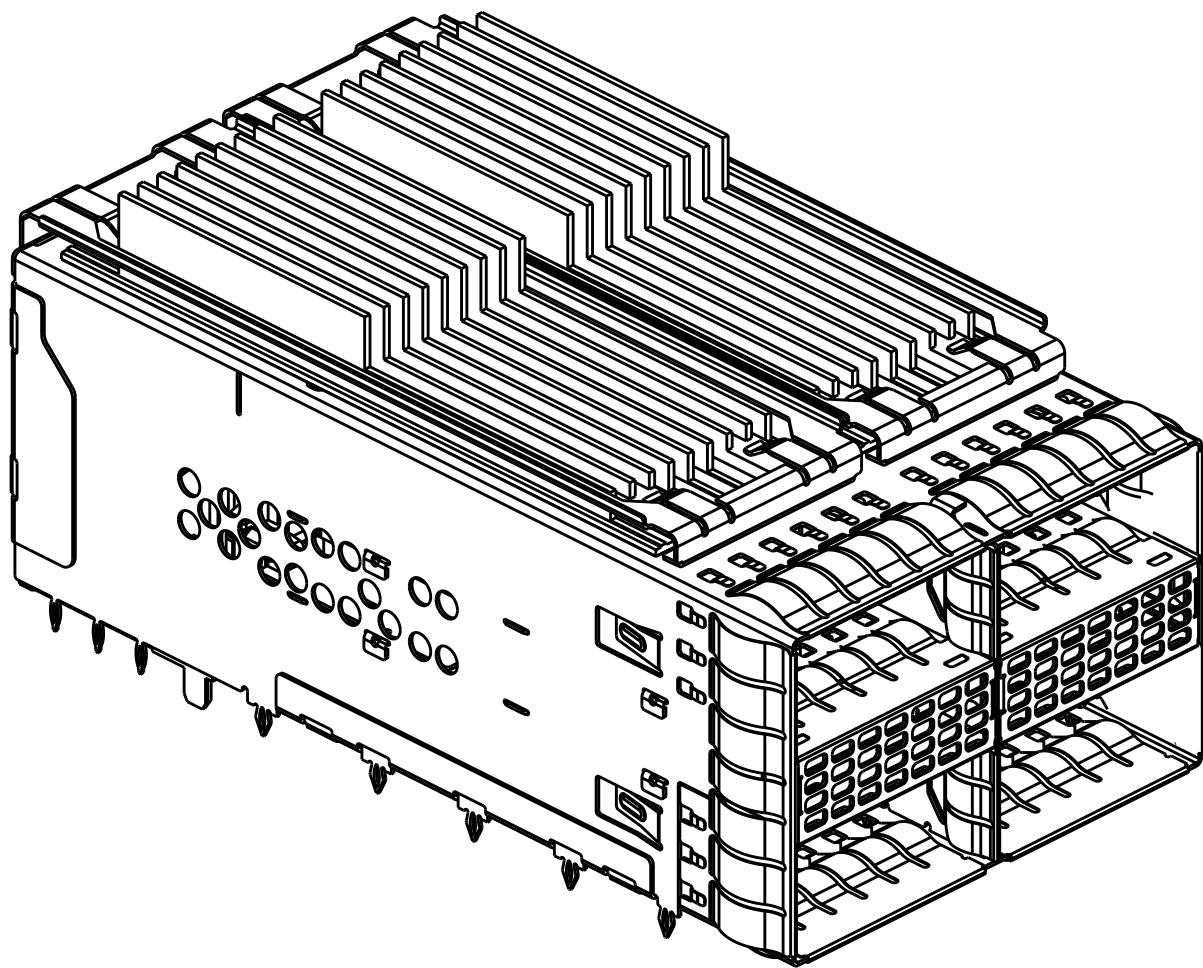
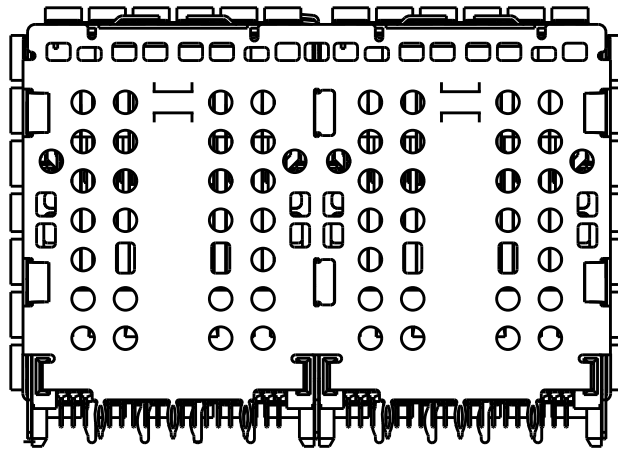
2299870-1
SCALE 2:1



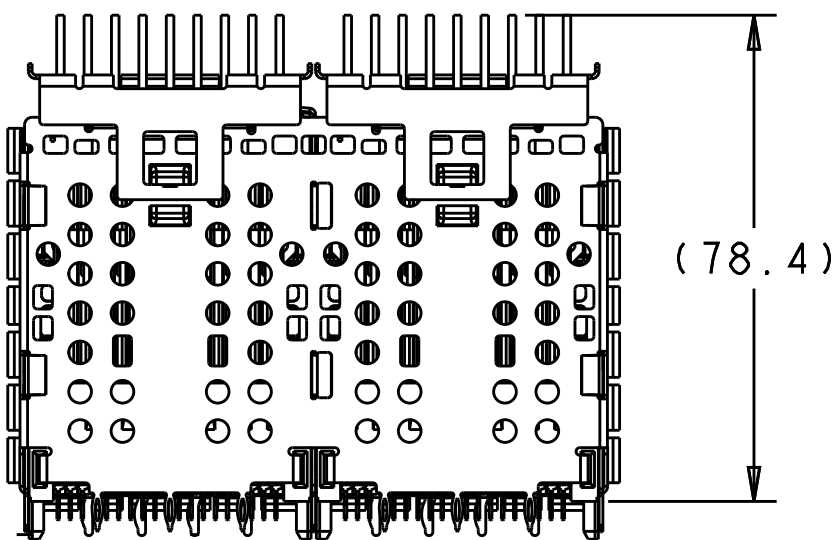
2299870-2
SCALE 2:1



2299870-4
SCALE 2:1



2299870-6
SCALE 2:1

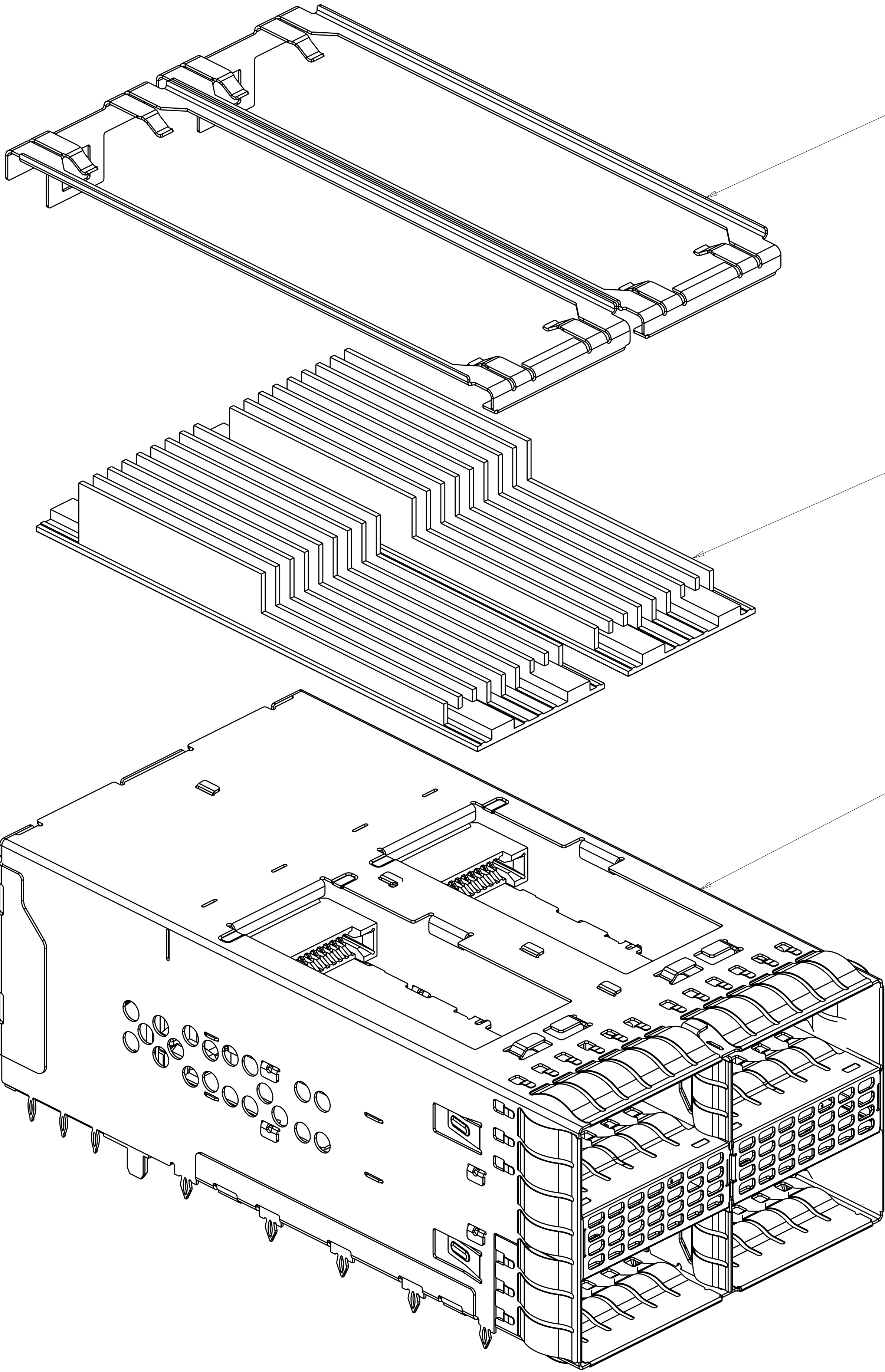


2299870-6
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	TIM XUE	28JAN2016	 TE Connectivity					
			CHK	SEAN HAN	28JAN2016						
DIMENSIONS:	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS					
		0 P/LC	±		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		2 P/LC	±	±0.25						APPLICATION SPEC	
		2 P/LC	±	±0.15	108-60102	A1	00779	C=2299870			
		4 P/LC	±		114-60015						
		4 P/LC	±		114-60015	WEIGHT					
		ANGLES	±		-						
MATERIAL		FINISH									
SEE NOTE 1		SEE NOTE 2			CUSTOMER DRAWING	SCALE	4:1	SHEET	2 OF 8	REV	B

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

2299870-3 AS SHOWN, KIT PACKAGE



HEAT SINK CLIP
PN: 1-2300832-7

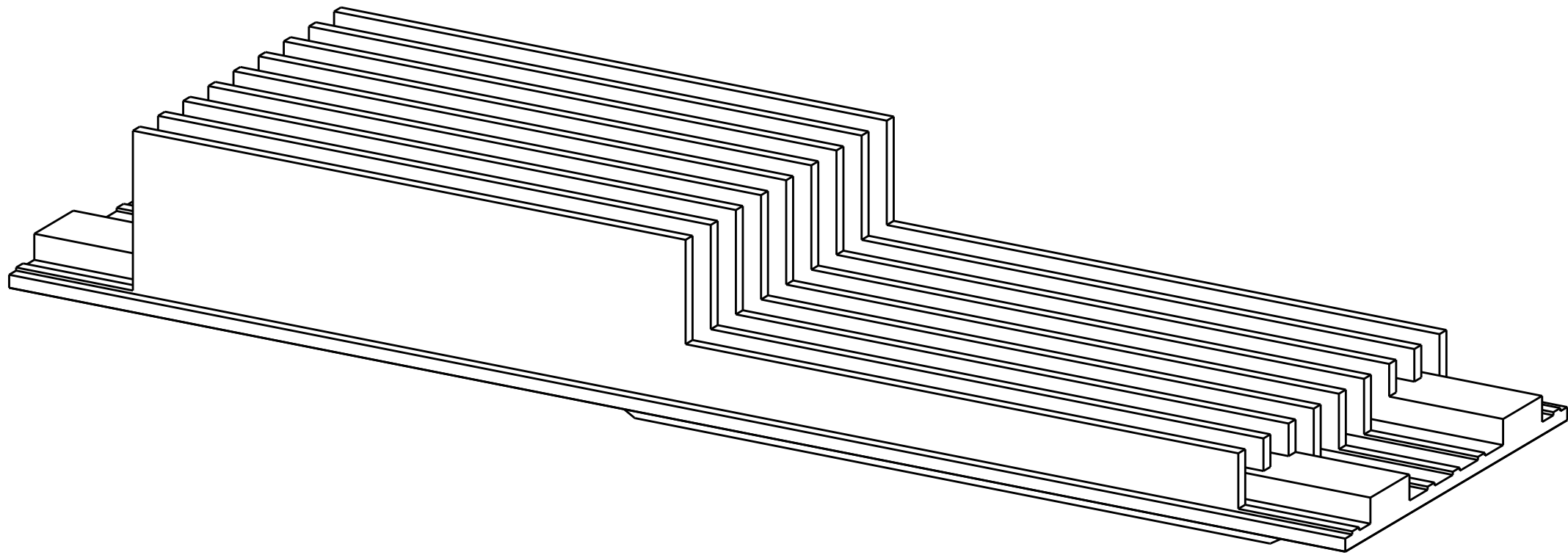
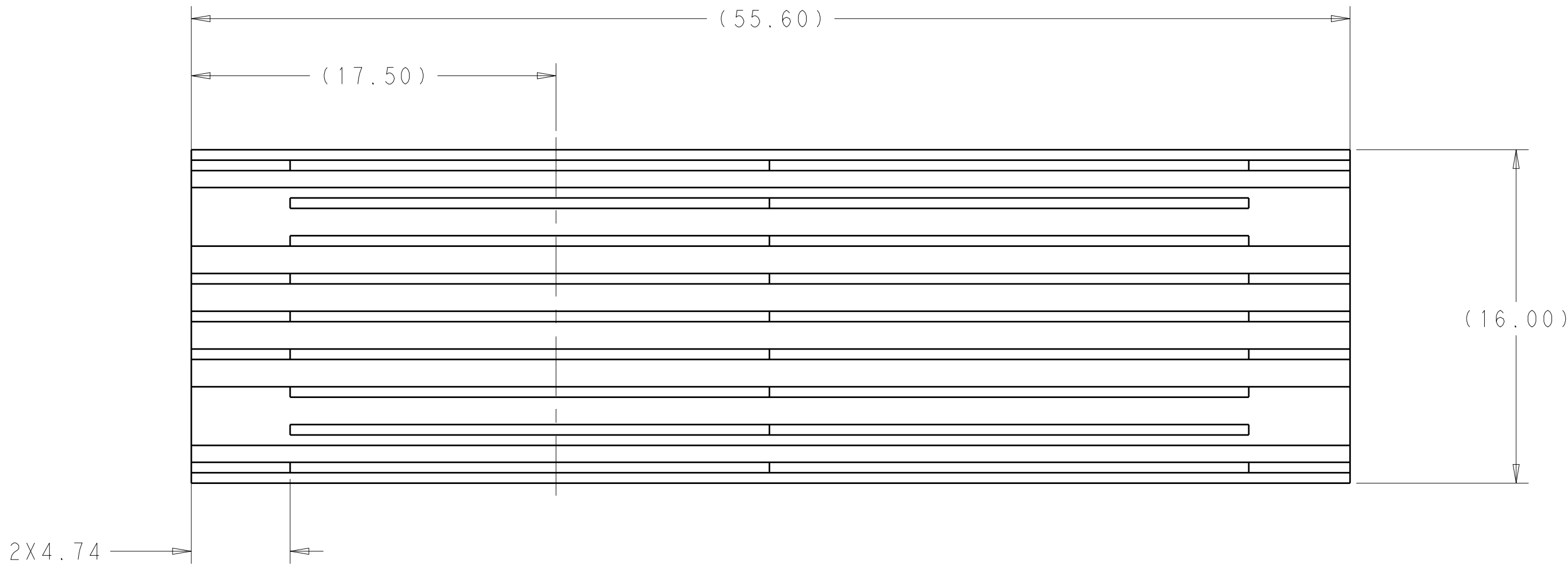
HEAT SINK
PN: 1-2304280-3

CAGE AND CONNECTOR ASSEMBLY
PN: 2299870-4

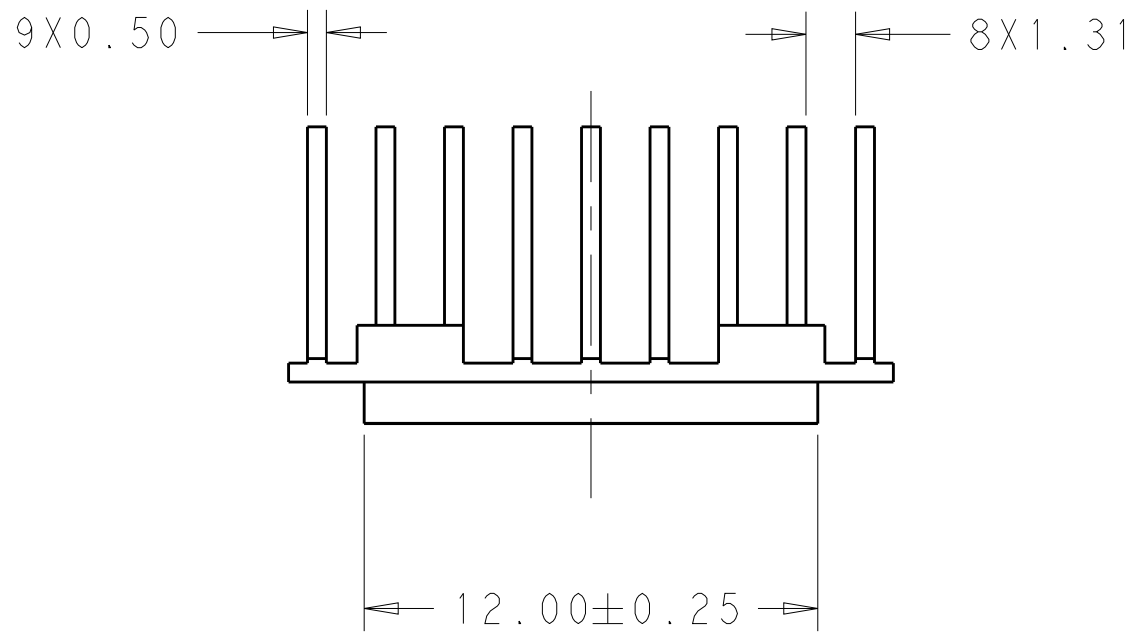
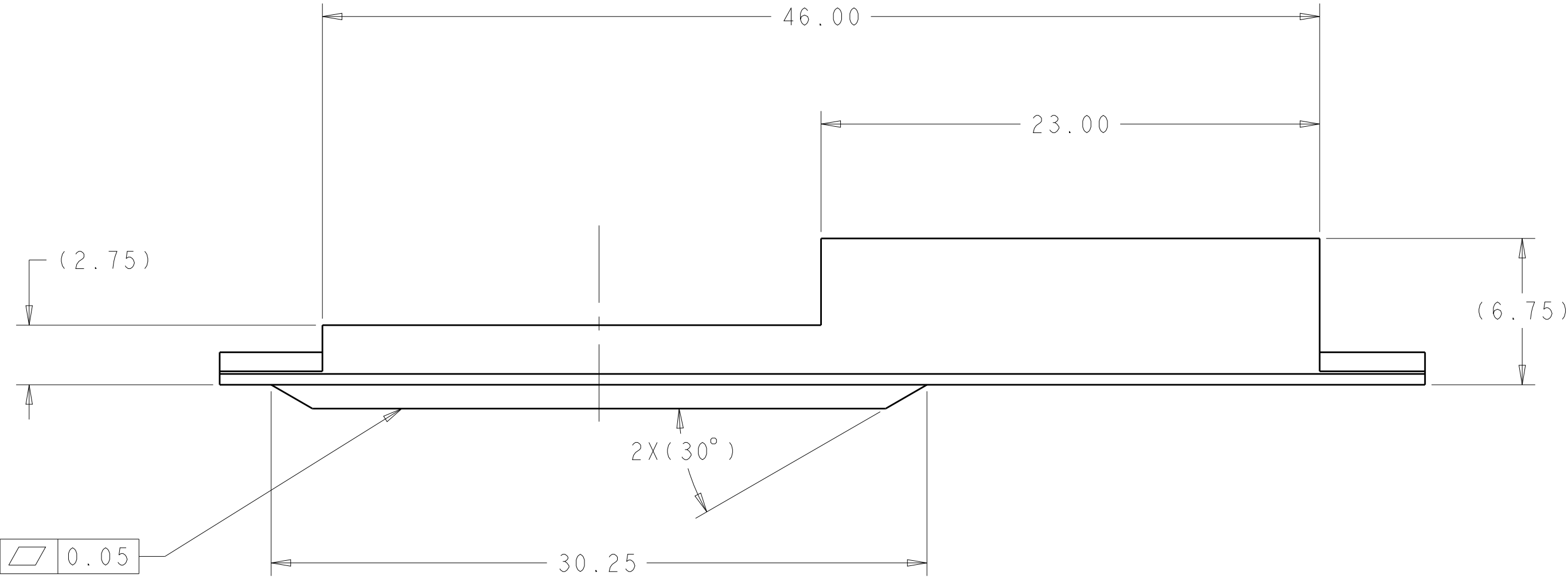
SCALE 4:1

2	1-2300832-7	HEAT SINK CLIP	3
2	1-2304280-3	HEAT SINK	2
1	2299870-4	CAGE AND CONNECTOR ASSEMBLY	1
2299870-3	PART NUMBER	DESCRIPTION	ITEM
THIS DRAWING IS A CONTROLLED DOCUMENT.			
DIMENSIONS:		OWN	
mm		TIM XUE 28JAN2016	
		CHK	
		SEAN HAN 28JAN2016	
		APVD	
		SEAN HAN 28JAN2016	
		NAME	
		CAGE AND CONNECTOR ASSEMBLY WITH	
		EMI SPRING FINGERS, THRU BEZEL,	
		2X2 ZQSFP+ STACKED WITH HS	
		SIZE	
		A100779	
		CAGE CODE	
		C=2299870	
		DRAWING NO	
		RESTRICTED TO	
		-	
		MATERIAL	
		SEE NOTE 1	
		SEE NOTE 2	
		CUSTOMER DRAWING	
		SCALE	
		4:1	
		SHEET	
		3	
		OF	
		8	
		REV	
		B	

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

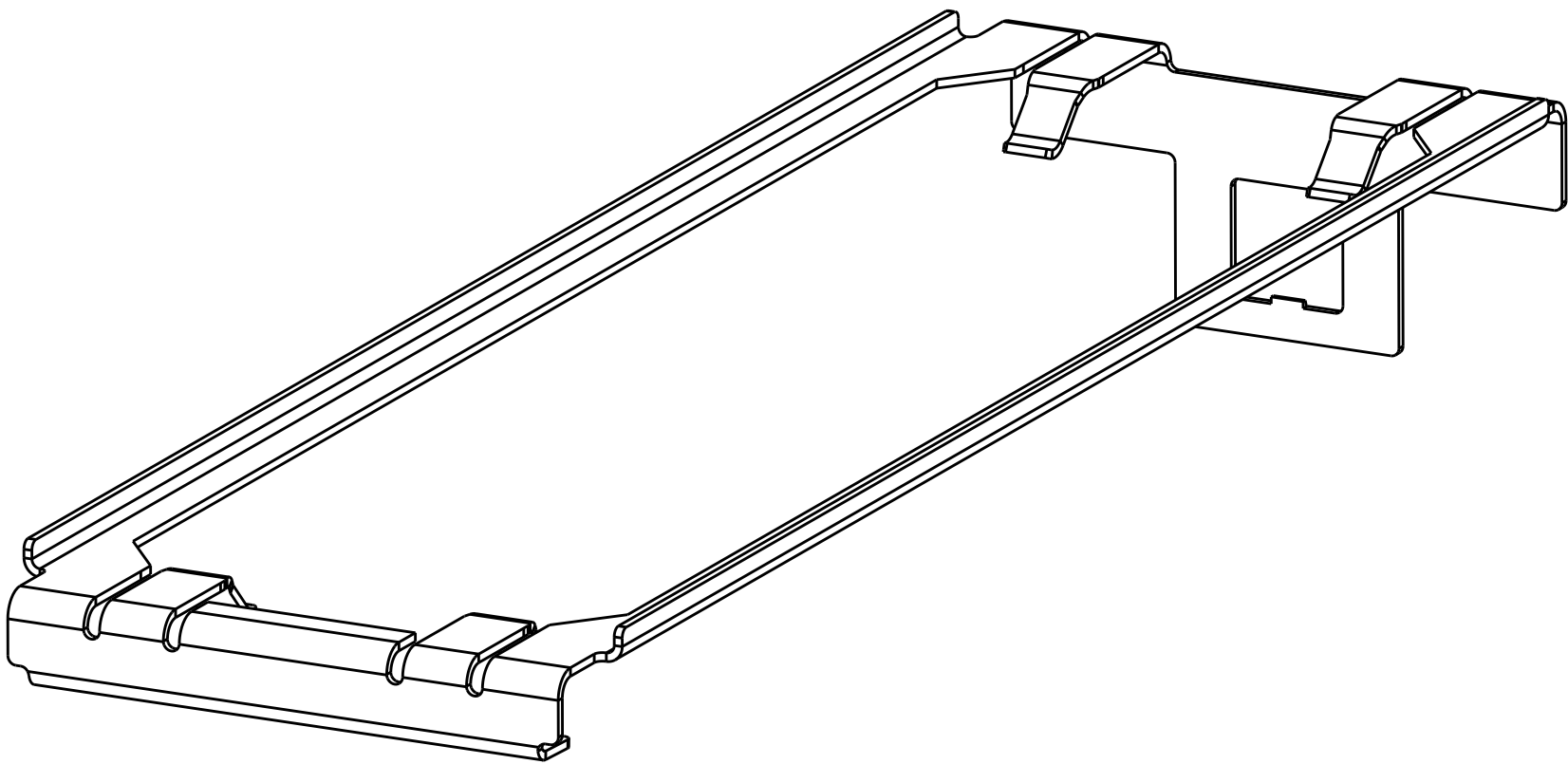
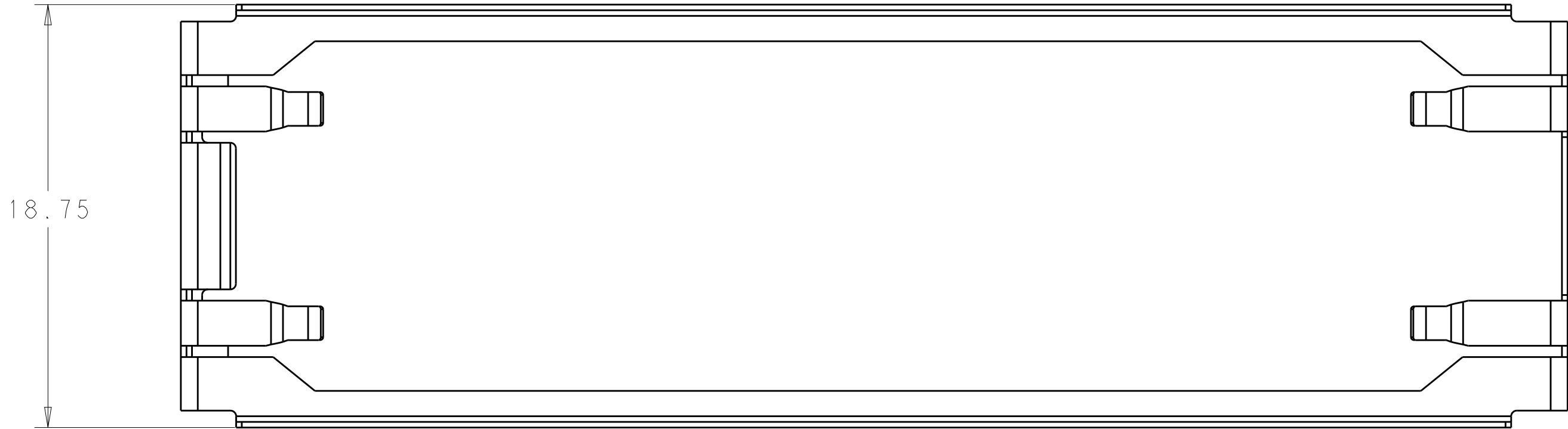


1-2304280-3 HEAT SINK SHOWN
SCALE 5:1

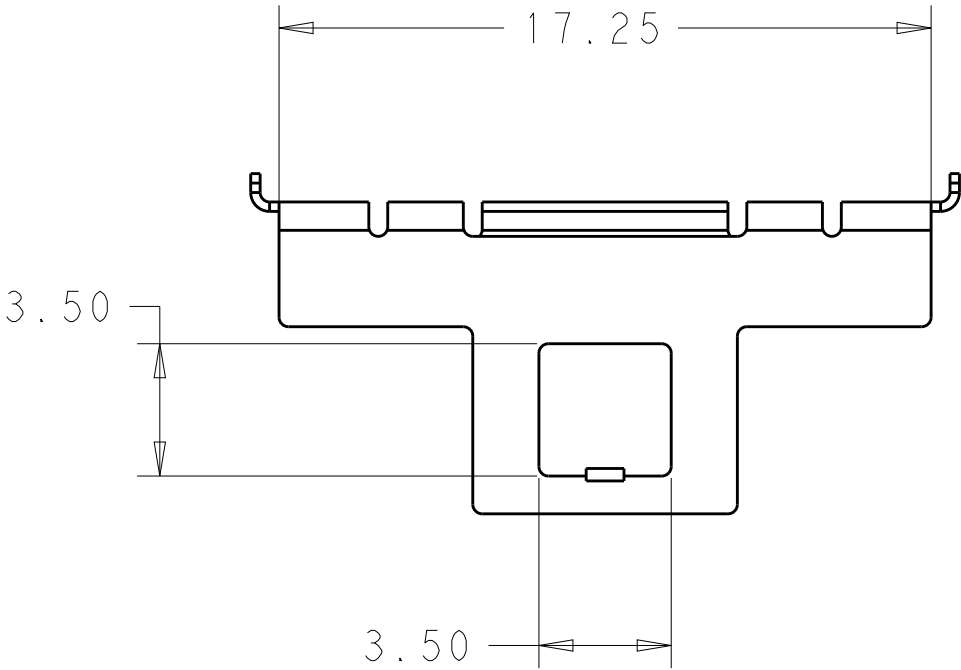
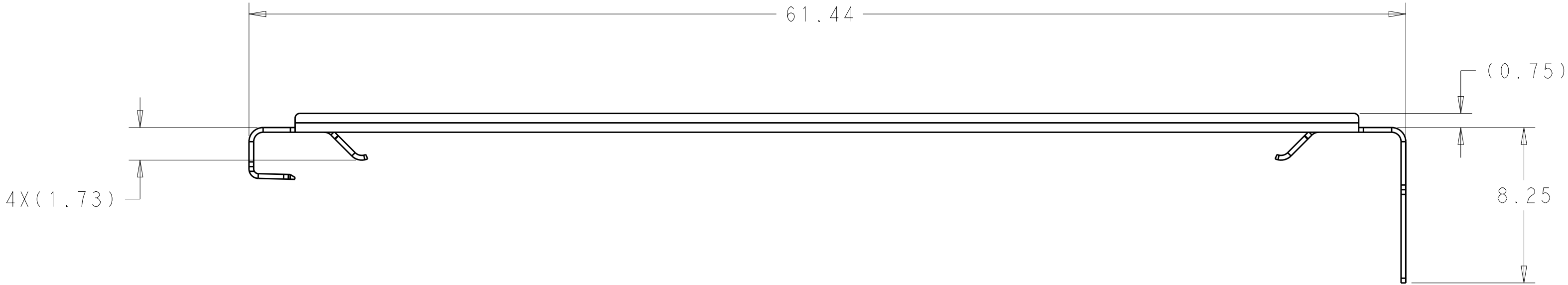


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE		28JAN2016		 TE Connectivity	
				CHK	SEAN HAN		28JAN2016			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SEAN HAN		28JAN2016		NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
mm		0 PLC ±0.25		PRODUCT SPEC						
		1 PLC ±0.15		108-60102						
		2 PLC ±0.15		APPLICATION SPEC						
		3 PLC ±0.15		114-60015						
		4 PLC ±0.15		WEIGHT						
		ANGLES		FINISH						
MATERIAL		SEE NOTE 1		SEE NOTE 2						
CUSTOMER DRAWING				SCALE	4:1		SHEET 4 of 8		REV B	

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



1-2300832-7, HEAT SINK CLIP
SCALE 5:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
TIM XUE
28JAN2016

CHK
SEAN HAN
28JAN2016

APVD
SEAN HAN
28JAN2016

DIMENSIONS:

mm

0 PLC ±

1 PLC ±0.25

2 PLC ±0.15

3 PLC ±

4 PLC ±

ANGLES ±

FINISH ±

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC
108-60102

APPLICATION SPEC
114-60015

WEIGHT
-

CUSTOMER DRAWING

NAME
CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2299870

RESTRICTED TO
-

SCALE
4:1

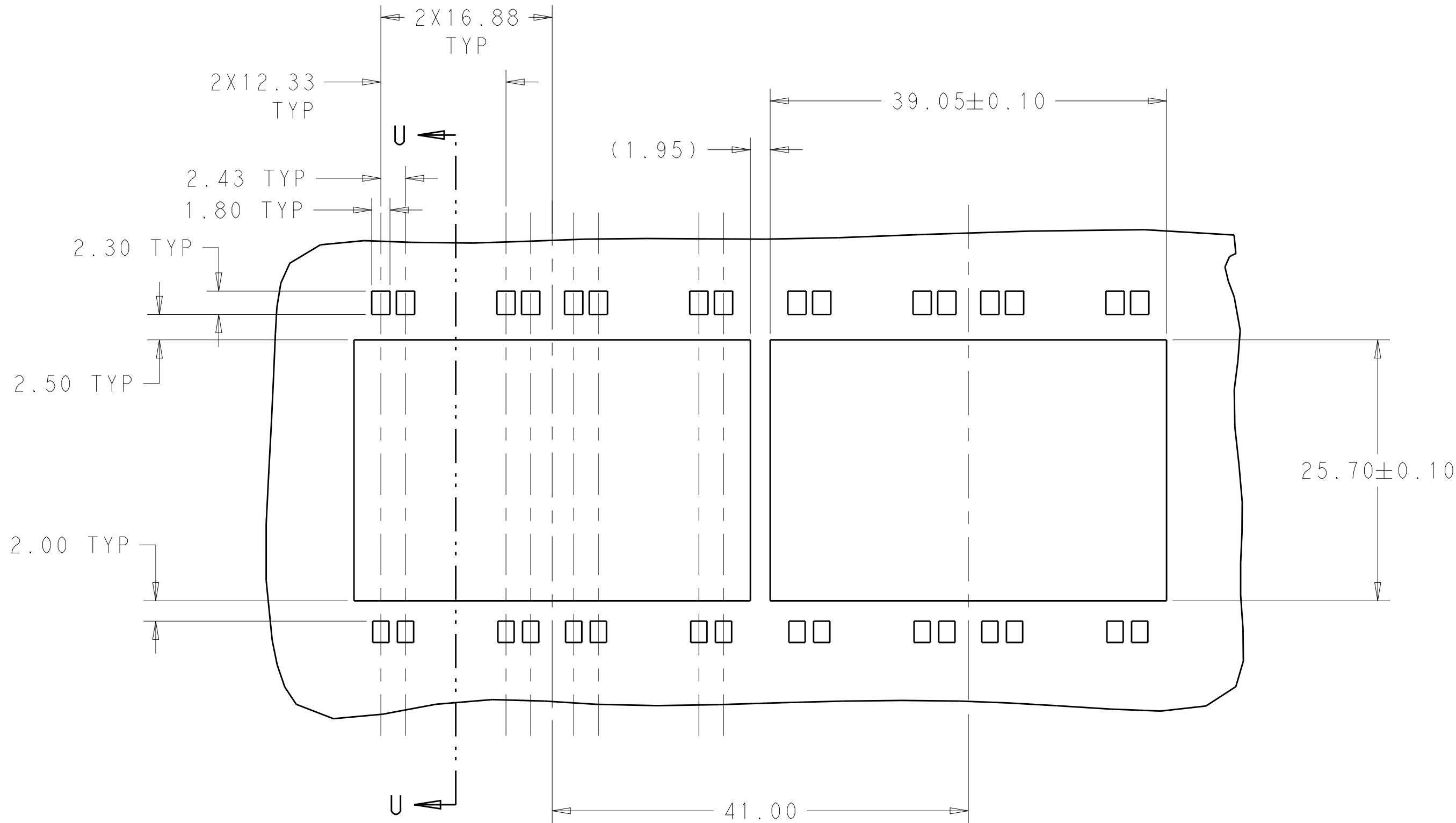
SHEET
5

OF
8

REV
B

TE Connectivity

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

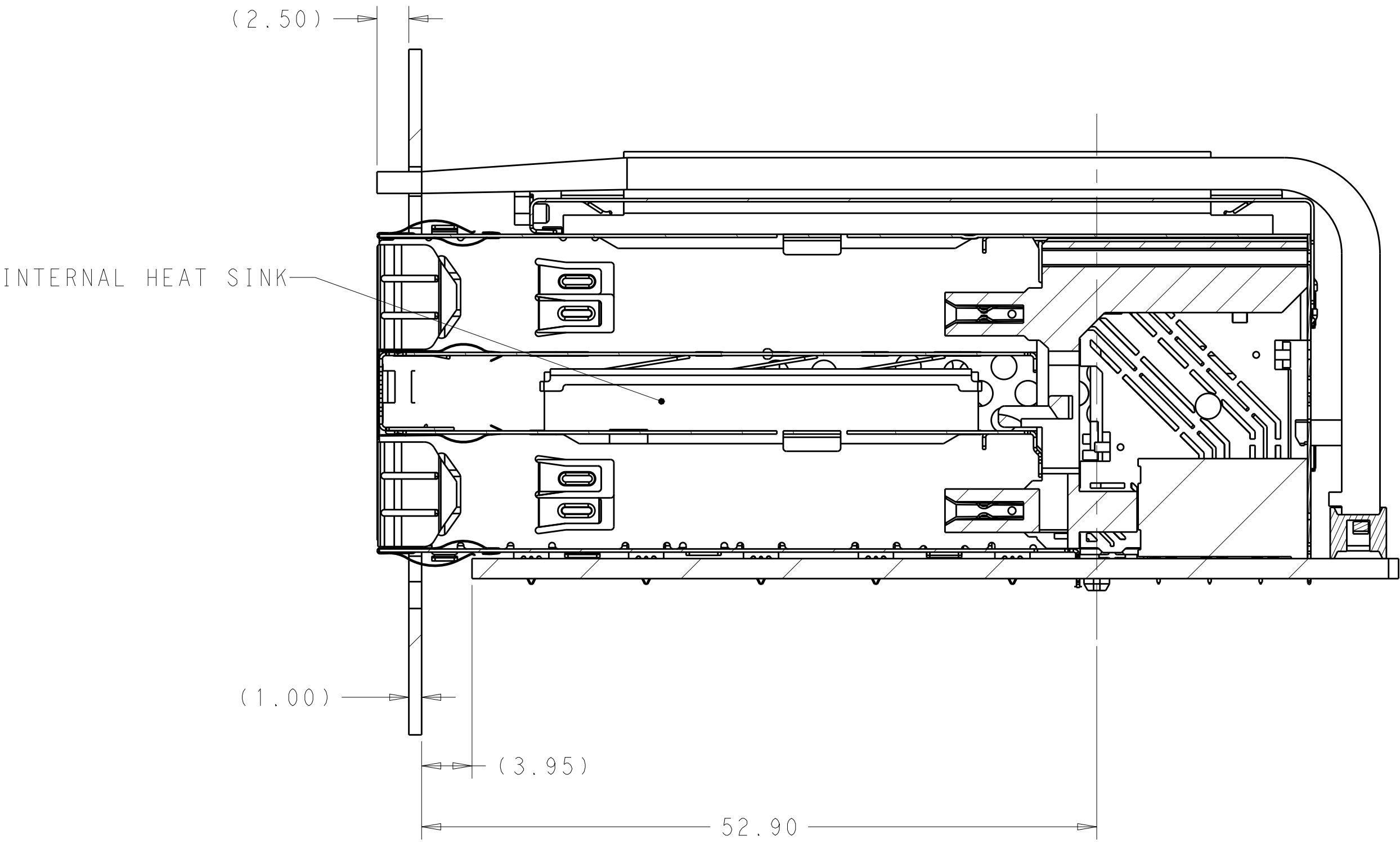


RECOMMENDED PANEL CUTOUT
AND PC BOARD PANEL POSITION
SCALE 5:2

0.10±0.10
BOTTOM OF CUTOUT
IN PANEL TO TOP
OF PC BOARD

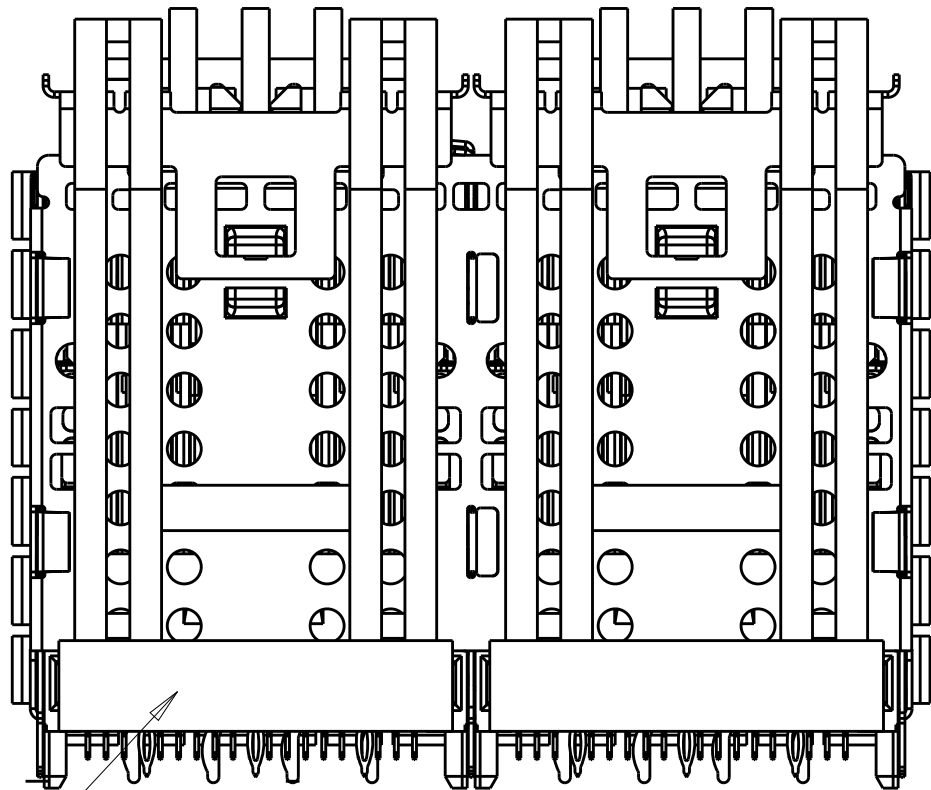
3.95±0.13
DISTANCE BETWEEN BACK
OF PANEL AND FRONT OF
PC BOARD

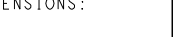
SECTION U-U

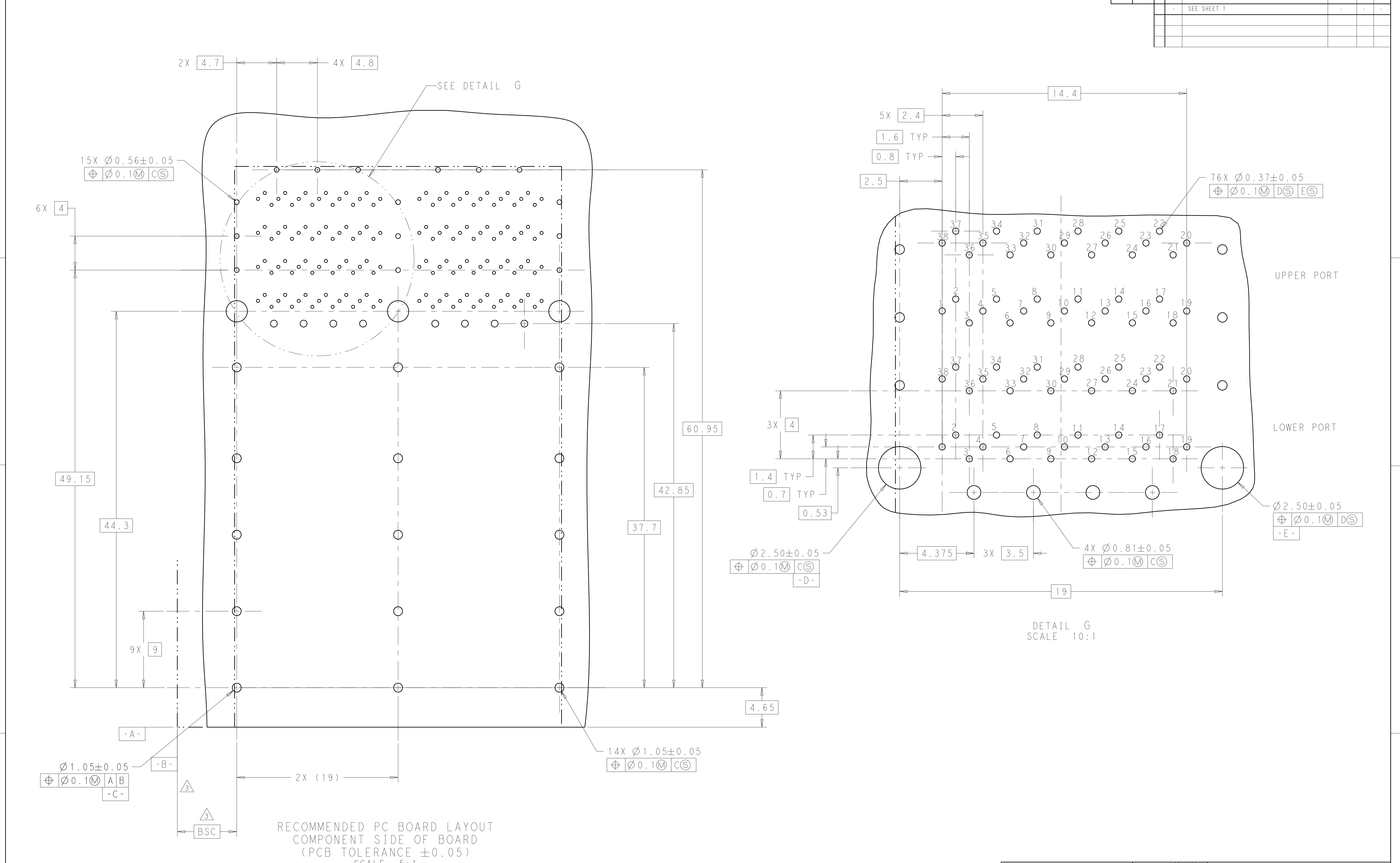


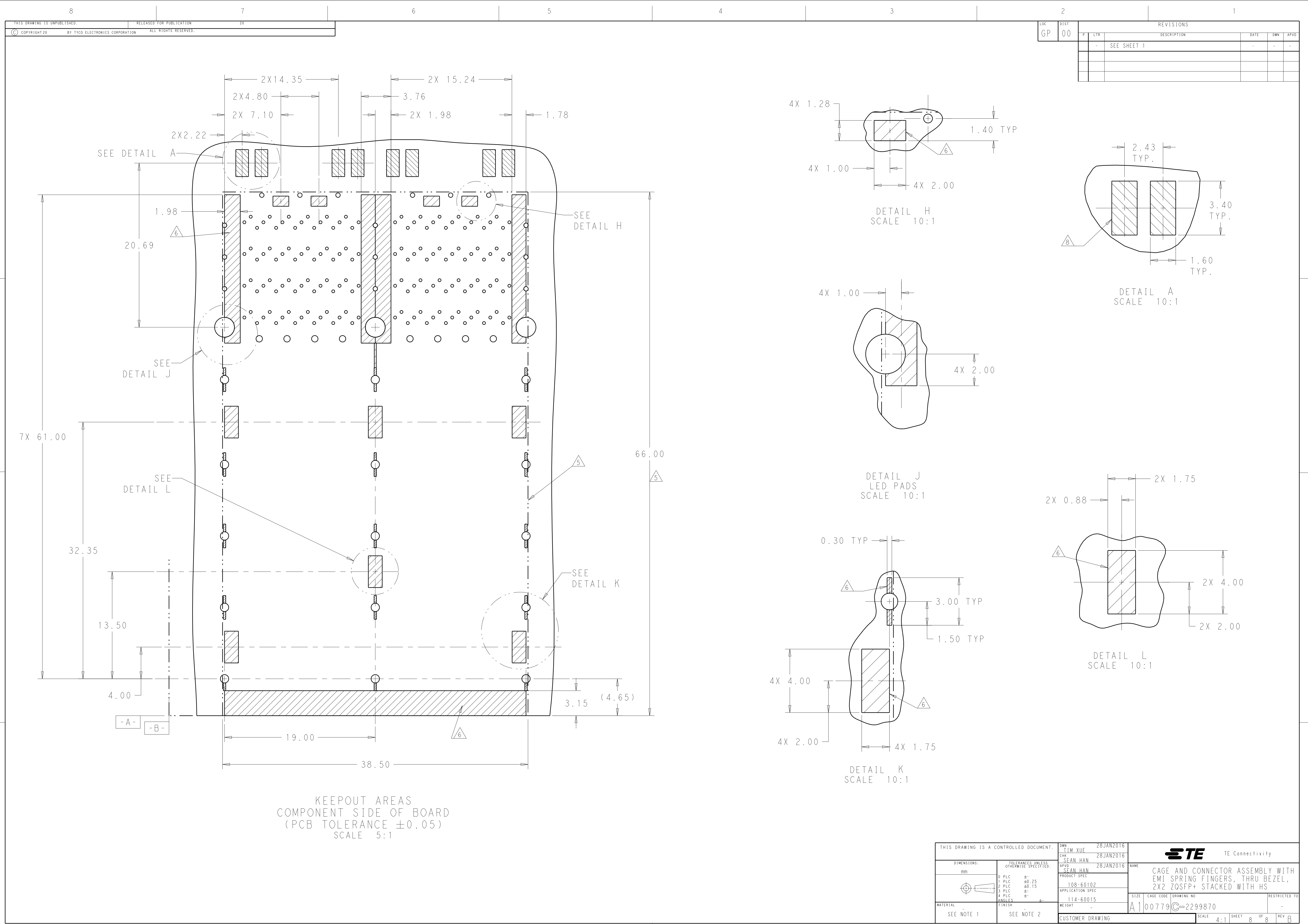
2299870-1 BEZEL LOCATION AS SHOWN
SECTION V-V
SCALE 3:1

ORGNIZER

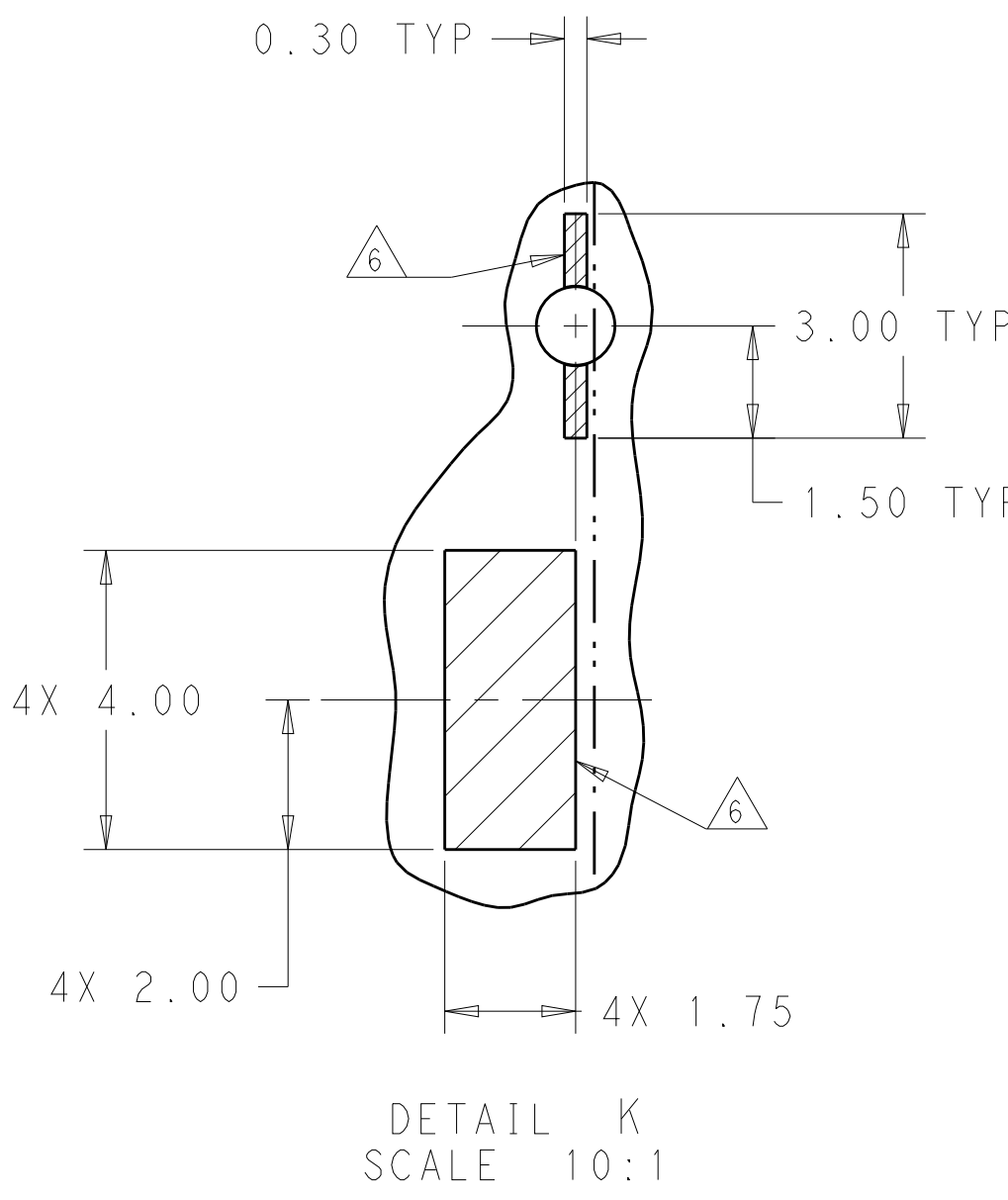
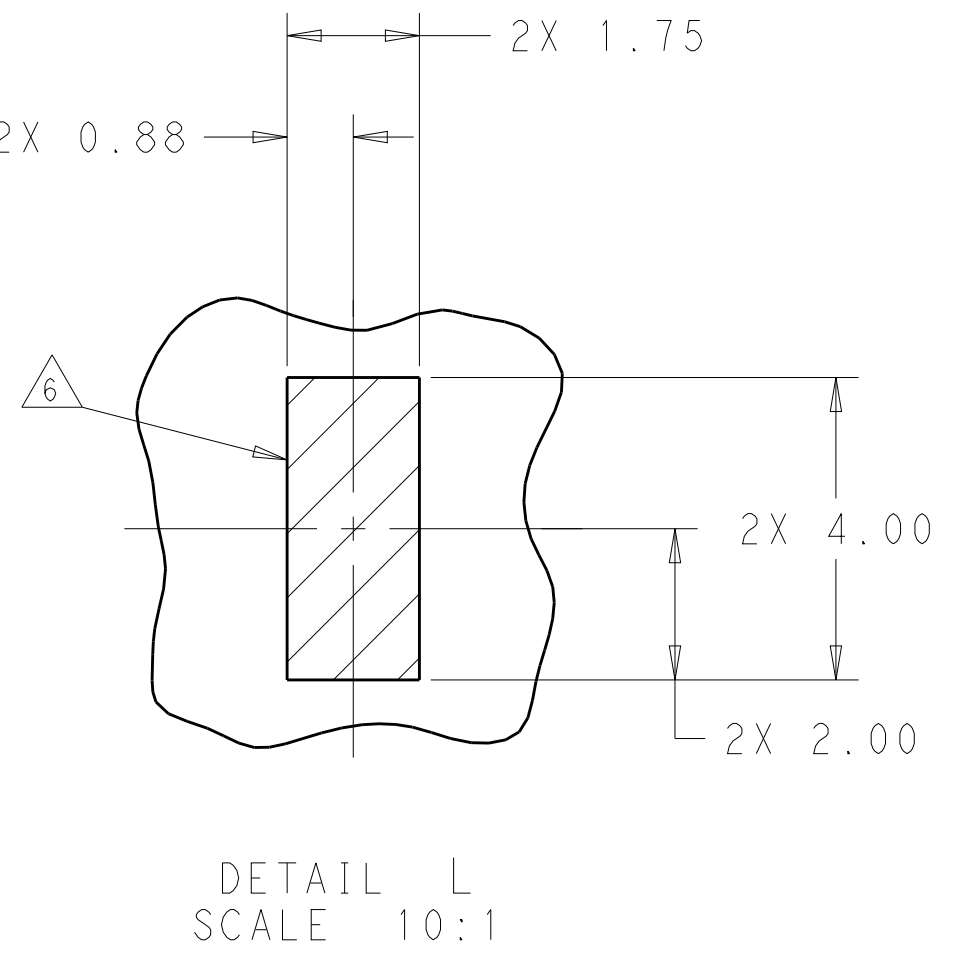
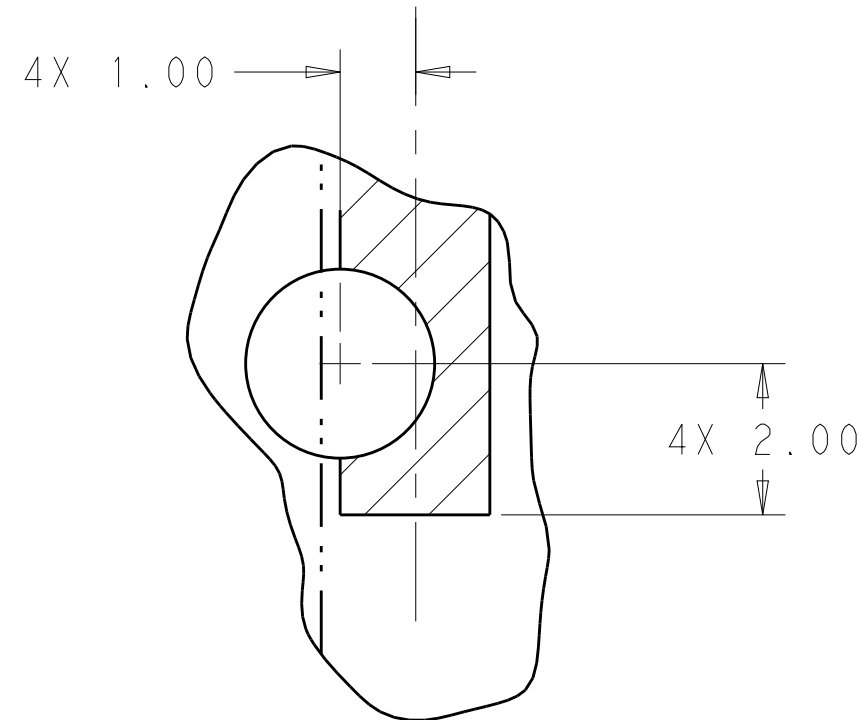
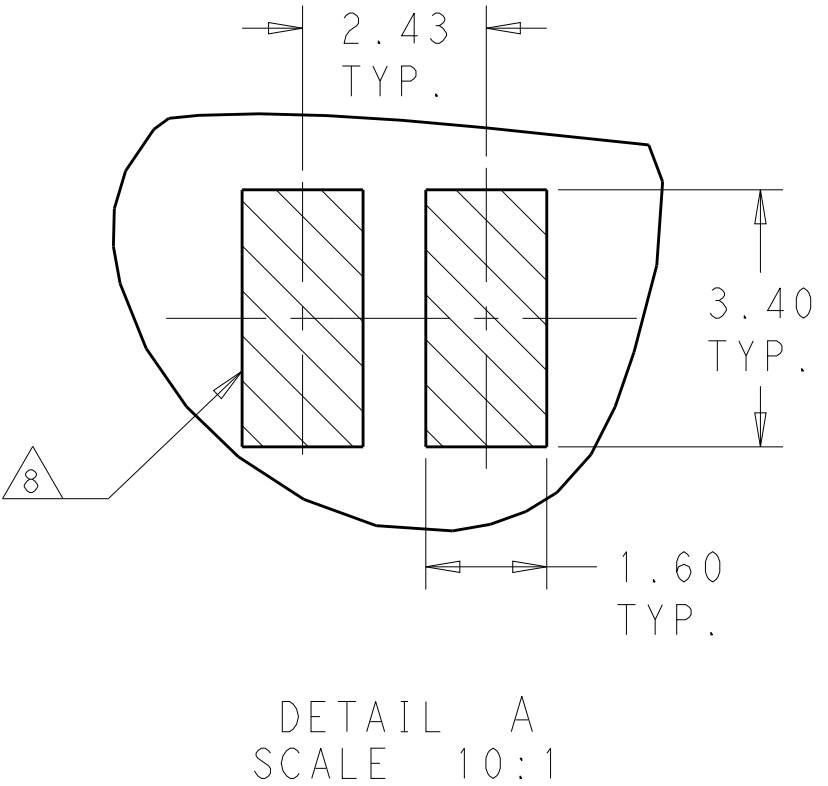
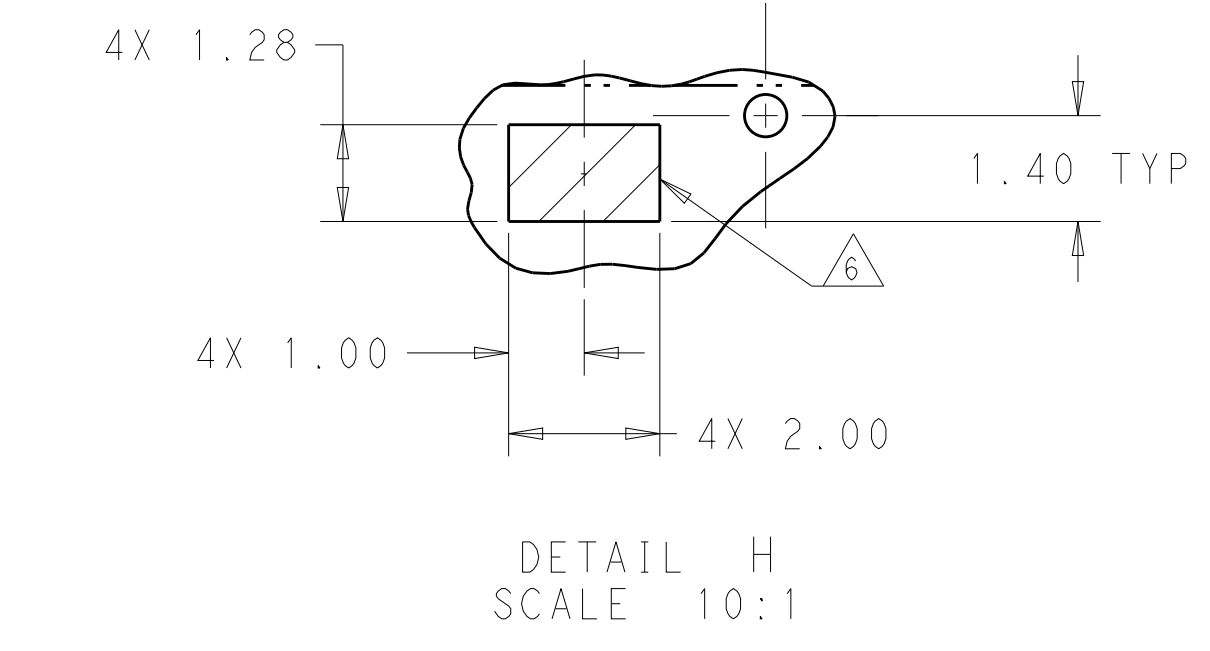


THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN TIM XUE	28JAN2016	 TE Connectivity				
			CHK SEAN HAN	28JAN2016					
DIMENSIONS:			APVD SEAN HAN	28JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSF+ STACKED WITH HS			
mm			TOLERANCES UNLESS OTHERWISE SPECIFIED:						PRODUCT SPEC
			0 P/LC ±0.25		108-60102	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			2 P/LC ±0.15						
			4 P/LC ±0.1						
			4 P/LC ±0.1						
ANGLES			FINGER		114-60015	A1	100779	C=2299870	-
MATERIAL			WEIGHT		-				
SEE NOTE 1			SEE NOTE 2			CUSTOMER DRAWING			
						SCALE 4:1 SHEET 6 OF 8 REV B			

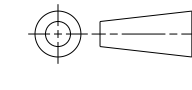




LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



KEEPOUT AREAS
COMPONENT SIDE OF BOARD
(PCB TOLERANCE ±0.05)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 28JAN2016	 TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 28JAN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 28JAN2016	NAME	
	0 PLC	±	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZOSFP+ STACKED WITH HS	
	1 PLC	±0.25		
	2 PLC	±0.15		
	3 PLC	±		
MATERIAL		FINISH	SIZE	RESTRICTED TO
SEE NOTE 1		SEE NOTE 2	114-60015	A100779C=2299870
CUSTOMER DRAWING		SCALE	4:1	SHEET 8 OF 8 REV B

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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