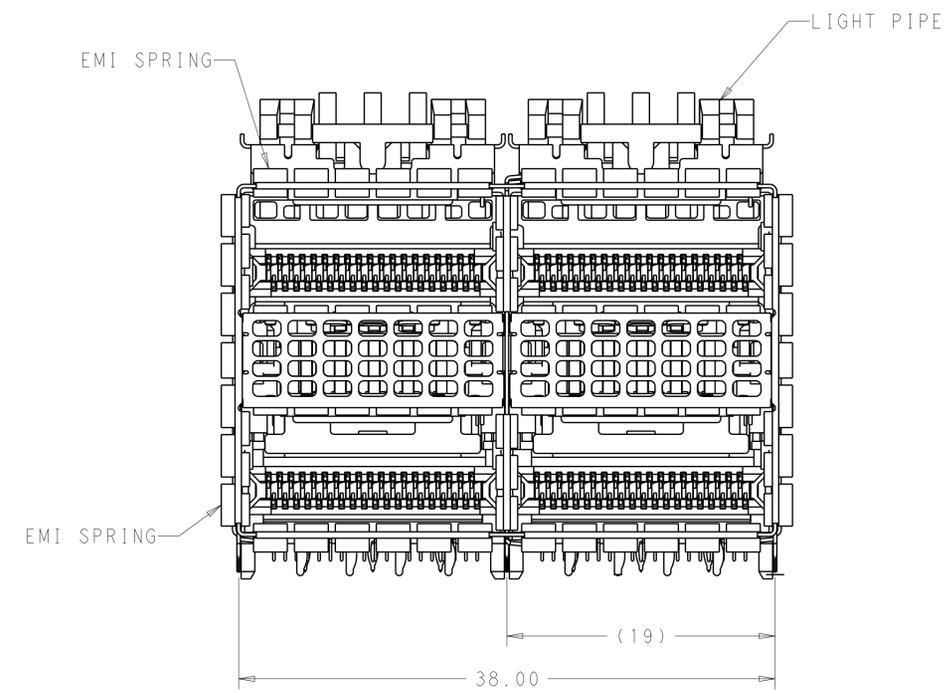
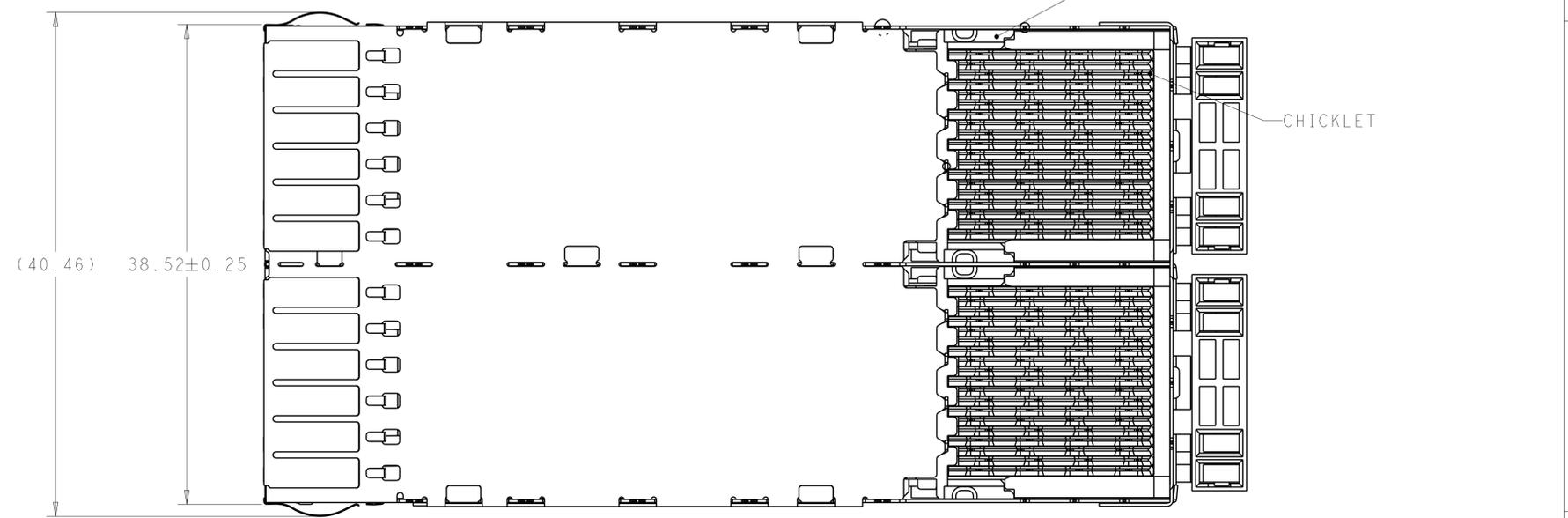
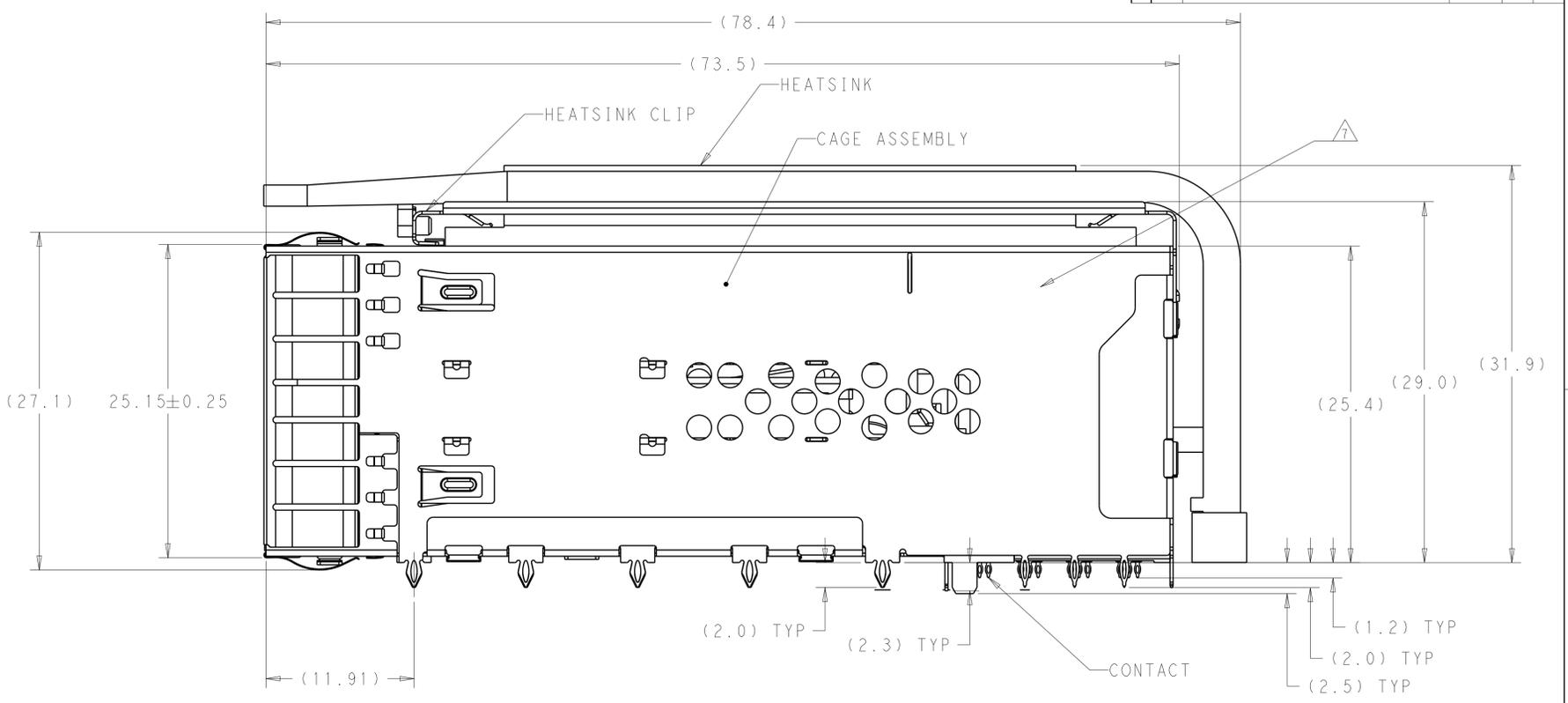


LOC	DIST	REVISIONS					
GP	00	P	LTH	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	13MAR2017	LL	SH
		B		REVISED PER ECO-17-012744	31AUG2017	TX	SH



2299870-1



1. 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.
2. CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
4. MINIMUM PCB THICKNESS OF 1.57.
5. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND TRACES.
6. 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.
7. PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.
8. HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.
9. 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.

CONTACT FINISH	DESCRIPTION	PART NUMBER
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

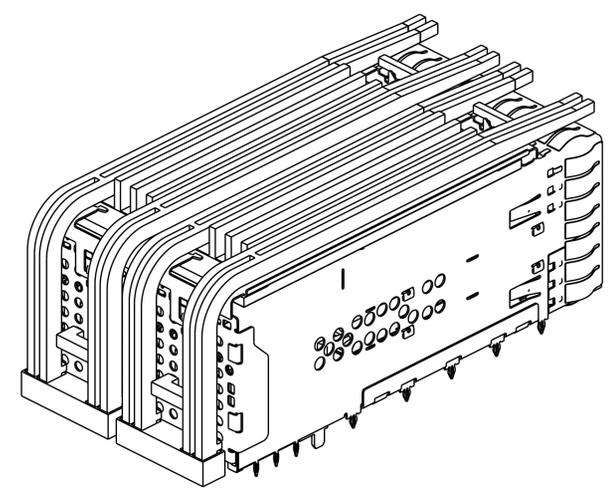
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mm	0 PLC ±	CHK	SEAN HAN	28JAN2016
	1 PLC ±0.25	APPD	SEAN HAN	28JAN2016
	2 PLC ±0.15	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
	3 PLC ±	PRODUCT SPEC	108-60102	
	4 PLC ±	APPLICATION SPEC	114-60015	
	ANGLES ±	SIZE	A100779	
MATERIAL	FINISH	WEIGHT	C=2299870	
SEE NOTE 1	SEE NOTE 2	CUSTOMER DRAWING	SCALE	4:1

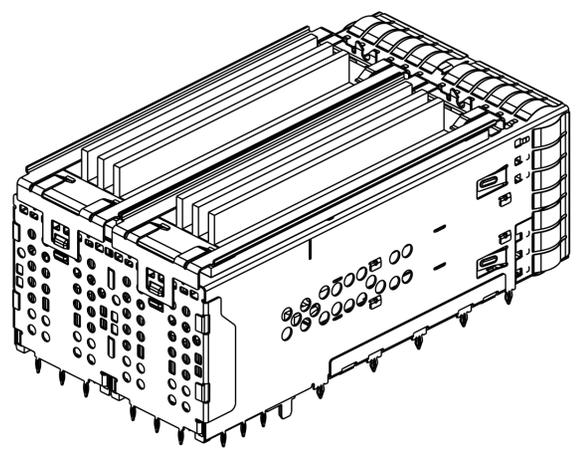
STC TE Connectivity

RESTRICTED TO SHEET 1 OF 8 REV B

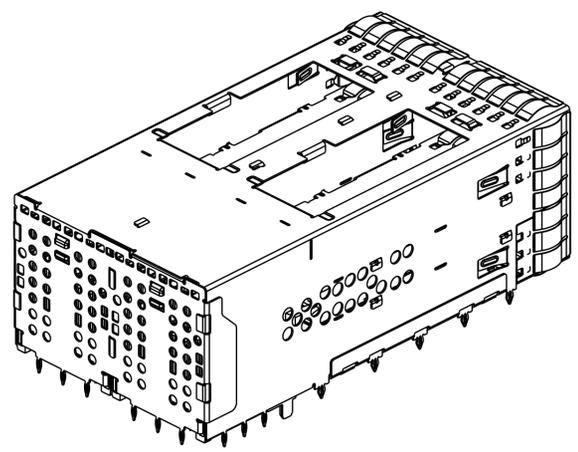
LOC	DIST	REVISIONS					
GP	00	P	LYR	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			



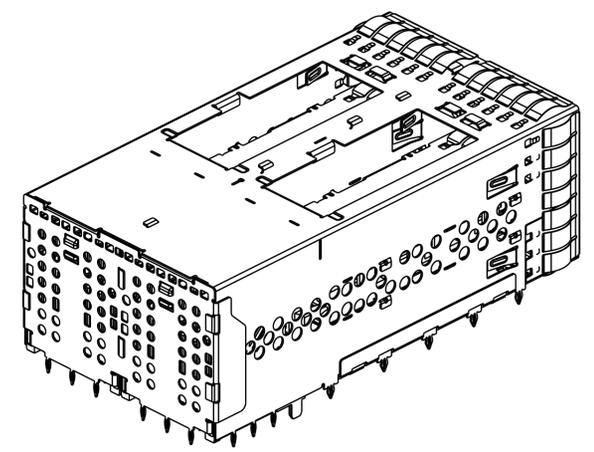
2299870-1 AS SHOWN  
SCALE 2:1



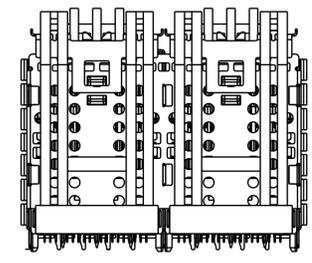
2299870-2 AS SHOWN  
SAME AS 2299870-1 EXCEPT  
W/O LEGHT PIPE AND ORGANIZER  
SCALE 2:1



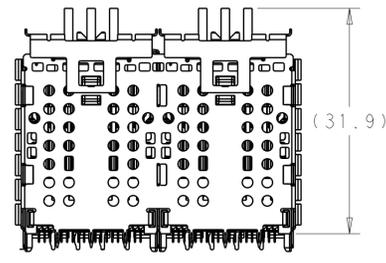
2299870-4 AS SHOWN  
SAME AS 2299870-2 EXCEPT  
W/O EXTERNAL HEAT SINK AND LP  
SCALE 2:1



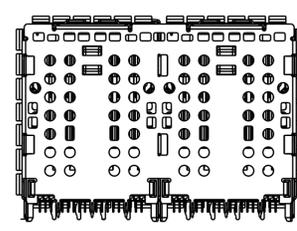
2299870-5  
SCALE 2:1



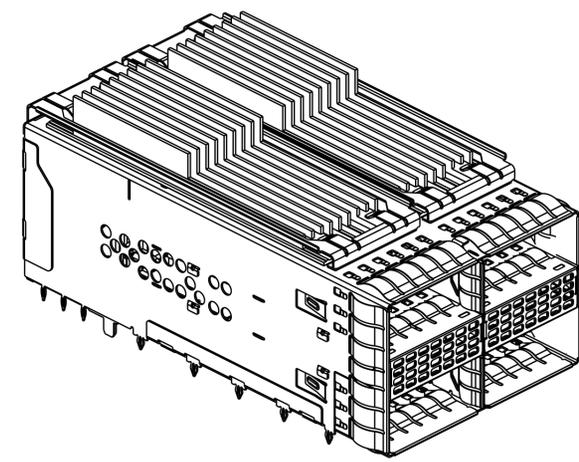
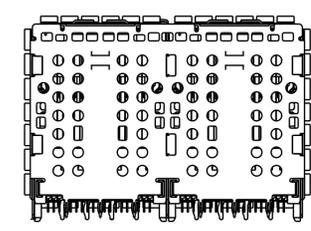
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SCALE 2:1



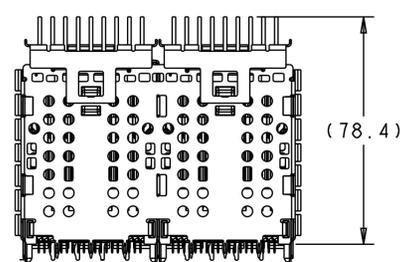
2299870-2  
SCALE 2:1



2299870-4  
SCALE 2:1



2299870-6  
SCALE 2:1

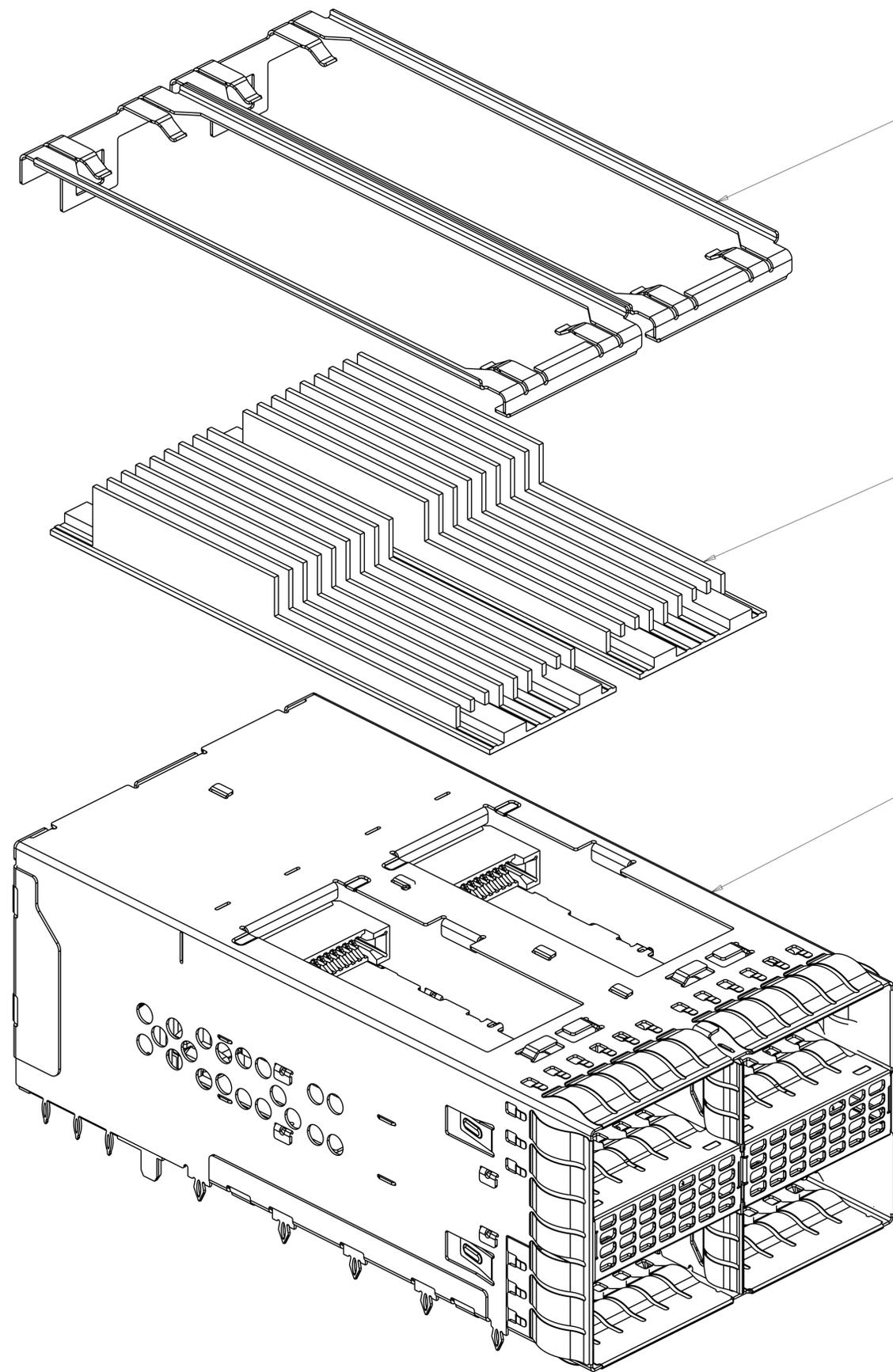


2299870-6  
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 28JAN2016											
DIMENSIONS: mm		CHK: SEAN HAN 28JAN2016											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 28JAN2016	NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS										
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.25</td></tr> <tr><td>2 PLC</td><td>±0.15</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.25	2 PLC	±0.15	3 PLC	±	4 PLC	±	PRODUCT SPEC: 108-60102	SIZE: 114-60015
0 PLC	±												
1 PLC	±0.25												
2 PLC	±0.15												
3 PLC	±												
4 PLC	±												
MATERIAL: SEE NOTE 1		FINISH: SEE NOTE 2	RESTRICTED TO: A100779C=2299870										
CUSTOMER DRAWING		SCALE: 4:1	SHEET 2 OF 8 REV B										

LOC	DIST	REVISIONS					
GP	00	P	LYR	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	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

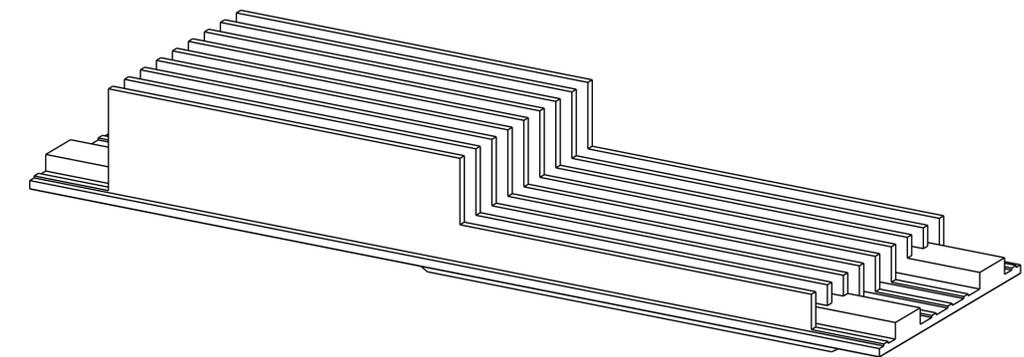
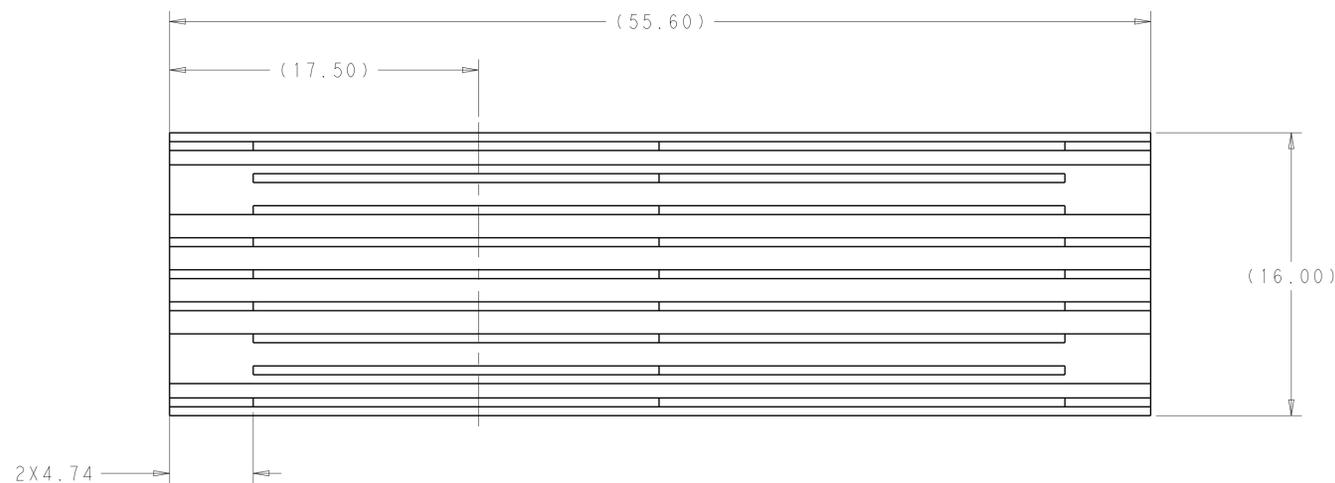
SCALE 4:1

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

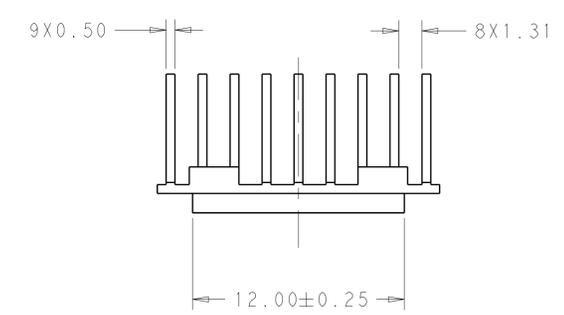
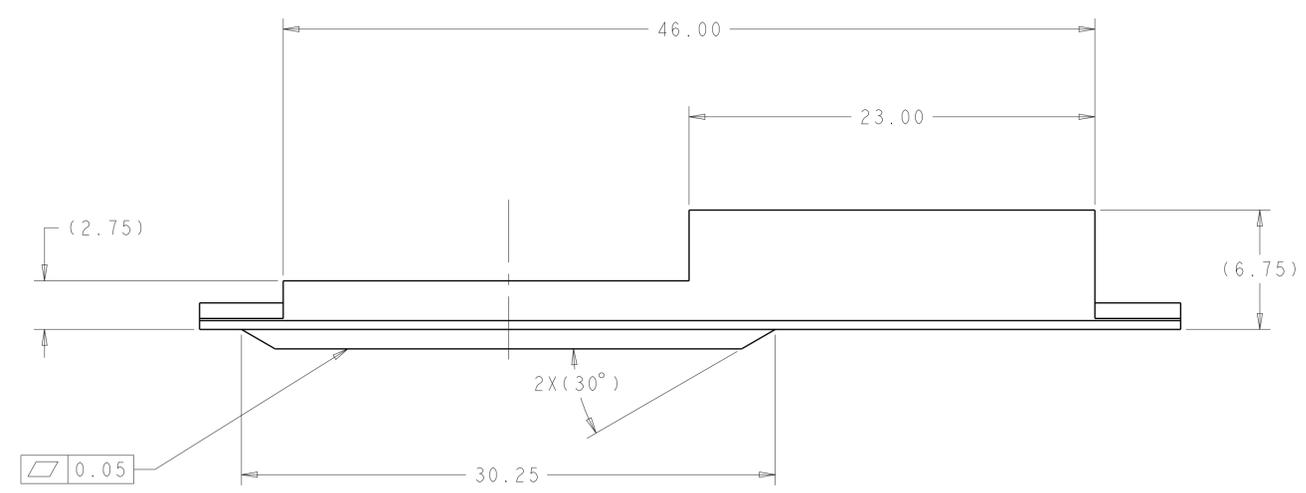
  

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN	TIM XUE	28JAN2016
DIMENSIONS:		CHK	SEAN HAN	28JAN2016
mm		APVD	SEAN HAN	28JAN2016
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLC	±	CAGE AND CONNECTOR ASSEMBLY WITH		
1 PLC	±0.25	EMI SPRING FINGERS, THRU BEZEL,		
2 PLC	±0.15	2X2 ZQSFP+ STACKED WITH HS		
3 PLC	±	PRODUCT SPEC		
4 PLC	±	108-60102		
ANGLES	±	APPLICATION SPEC		
FINISH	±	114-60015		
MATERIAL		WEIGHT		RESTRICTED TO
SEE NOTE 1	SEE NOTE 2	114-60015	A100779	C=2299870
CUSTOMER DRAWING		SCALE	4:1	SHEET 3 OF 8
		REV	B	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

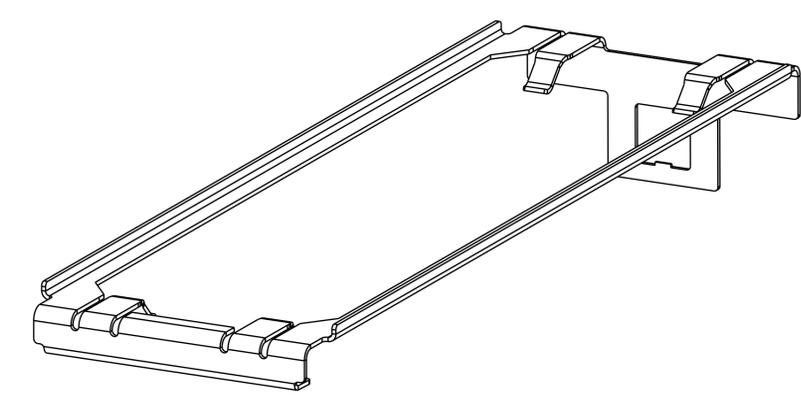
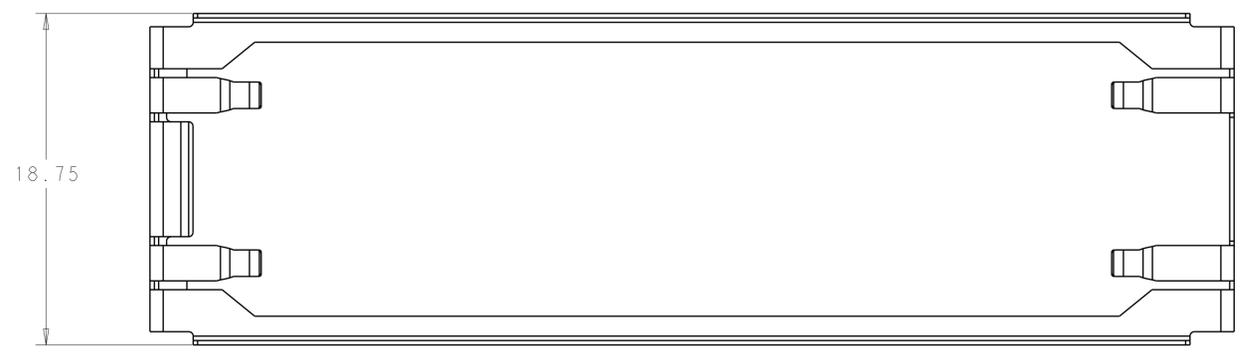


1-2304280-3 HEAT SINK SHOWN  
SCALE 5:1

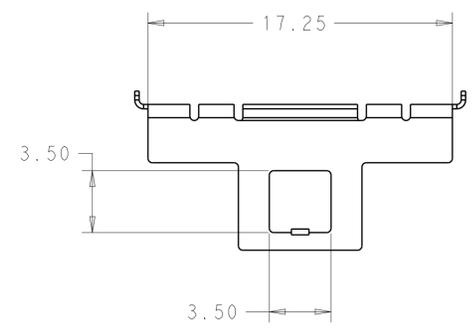
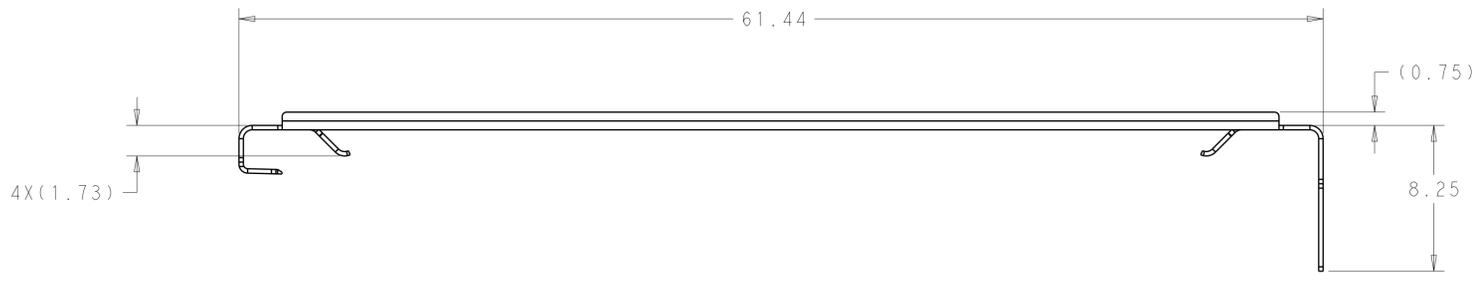


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 28JAN2016	TE Connectivity
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0 PLC ±	1 PLC ±0.25	PRODUCT SPEC	SIZE A100779
2 PLC ±0.15	3 PLC ±	APPLICATION SPEC	CAGE CODE C=2299870
4 PLC ±	ANGLES ±	114-60015	DRAWING NO C=2299870
MATERIAL SEE NOTE 1	FINISH SEE NOTE 2	WEIGHT -	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1	SHEET 4 OF 8
		REV B	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1	-	-	-

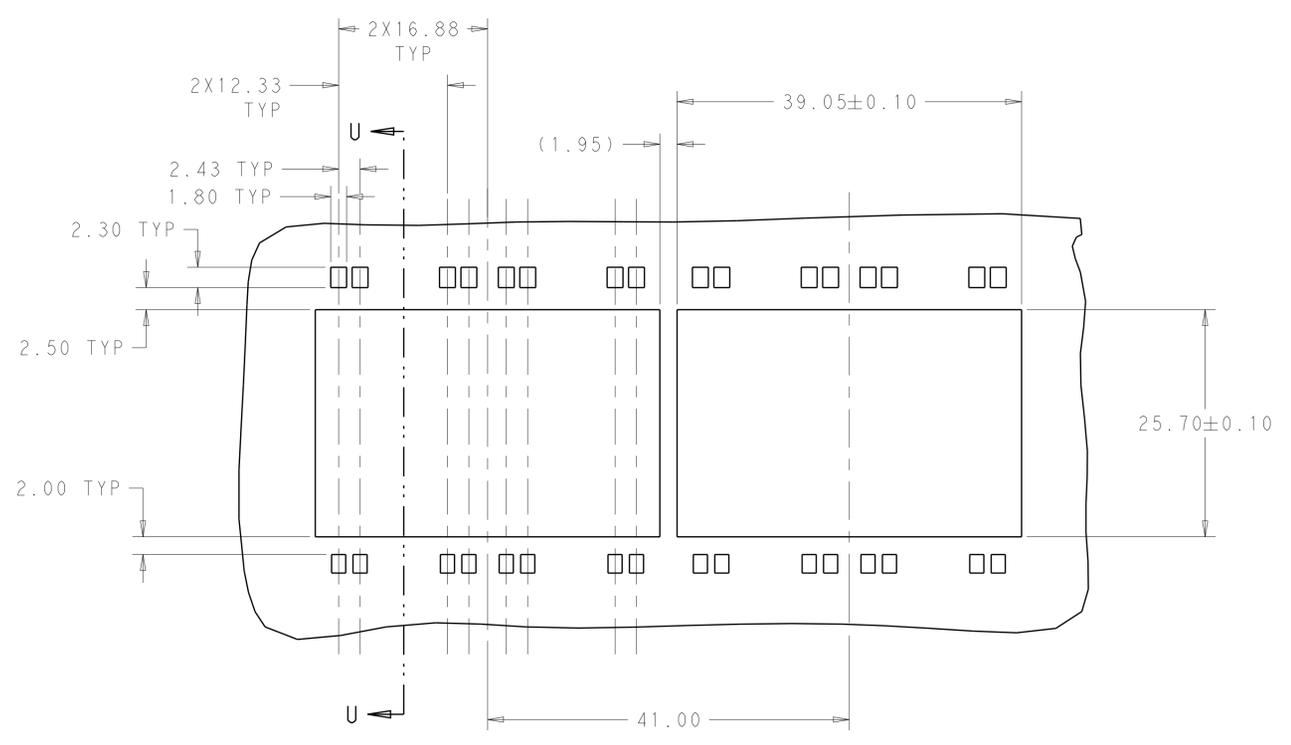


1-2300832-7, HEAT SINK CLIP  
 SCALE 5:1

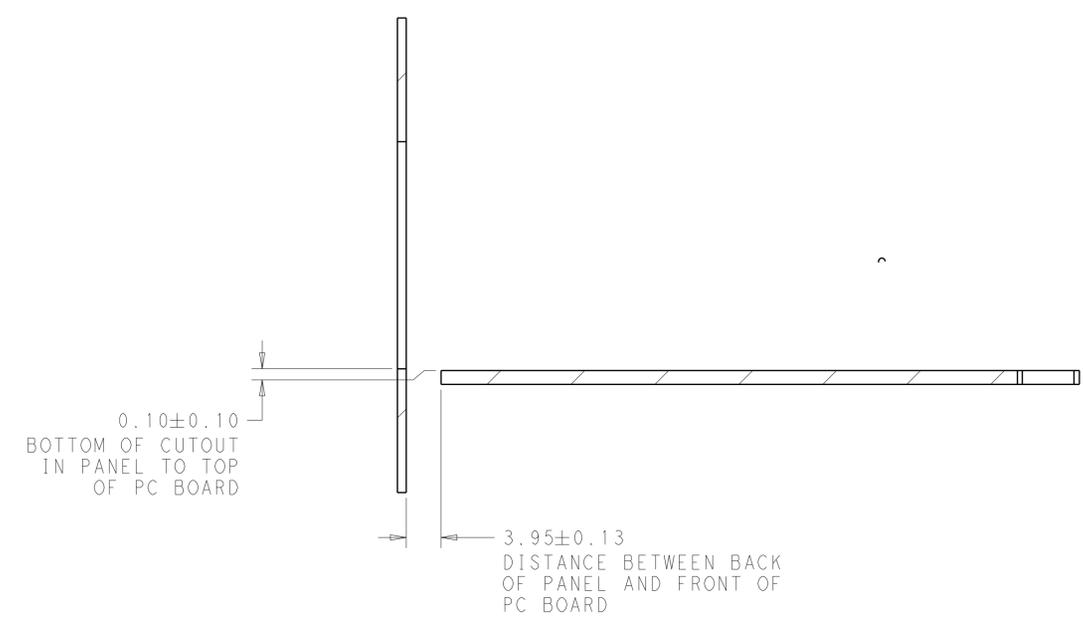


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 28JAN2016	 TE Connectivity
DIMENSIONS: mm		CHK SEAN HAN 28JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 28JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC	108-60102
2 PLC ±0.15	3 PLC ±	APPLICATION SPEC	114-60015
4 PLC ±	ANGLES ±	SIZE	A100779
MATERIAL SEE NOTE 1	FINISH SEE NOTE 2	WEIGHT	C=2299870
CUSTOMER DRAWING		SCALE	4:1
		SHEET	5 OF 8
		REV	B

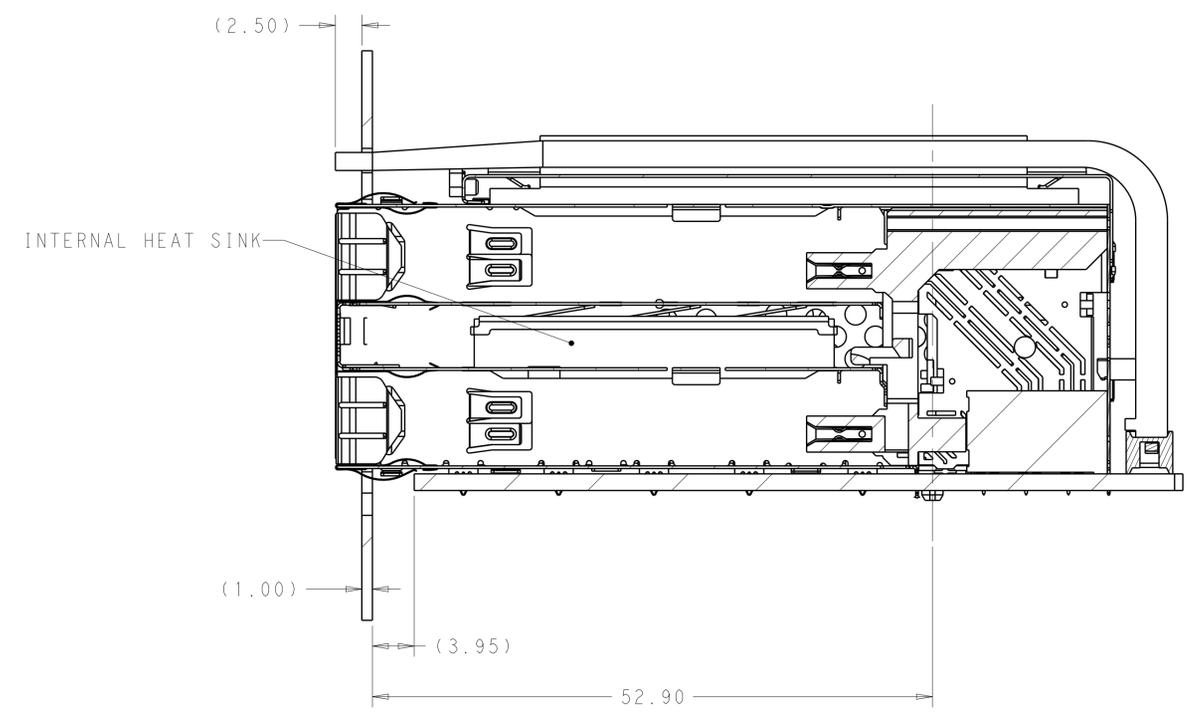
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1			



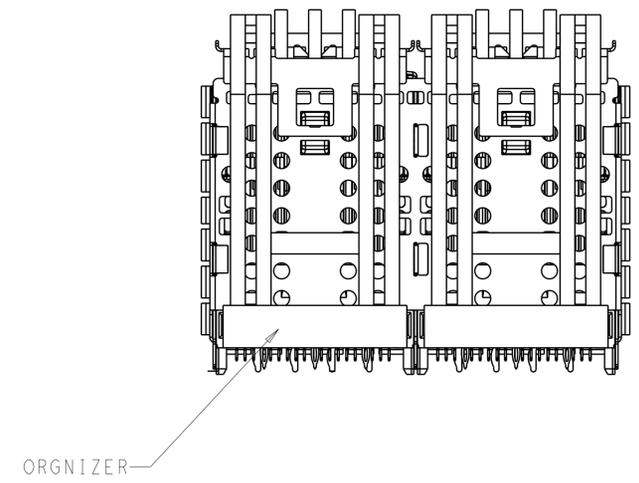
RECOMMENDED PANEL CUTOUT  
 AND PC BOARD PANEL POSITION  
 SCALE 5:2



SECTION U-U



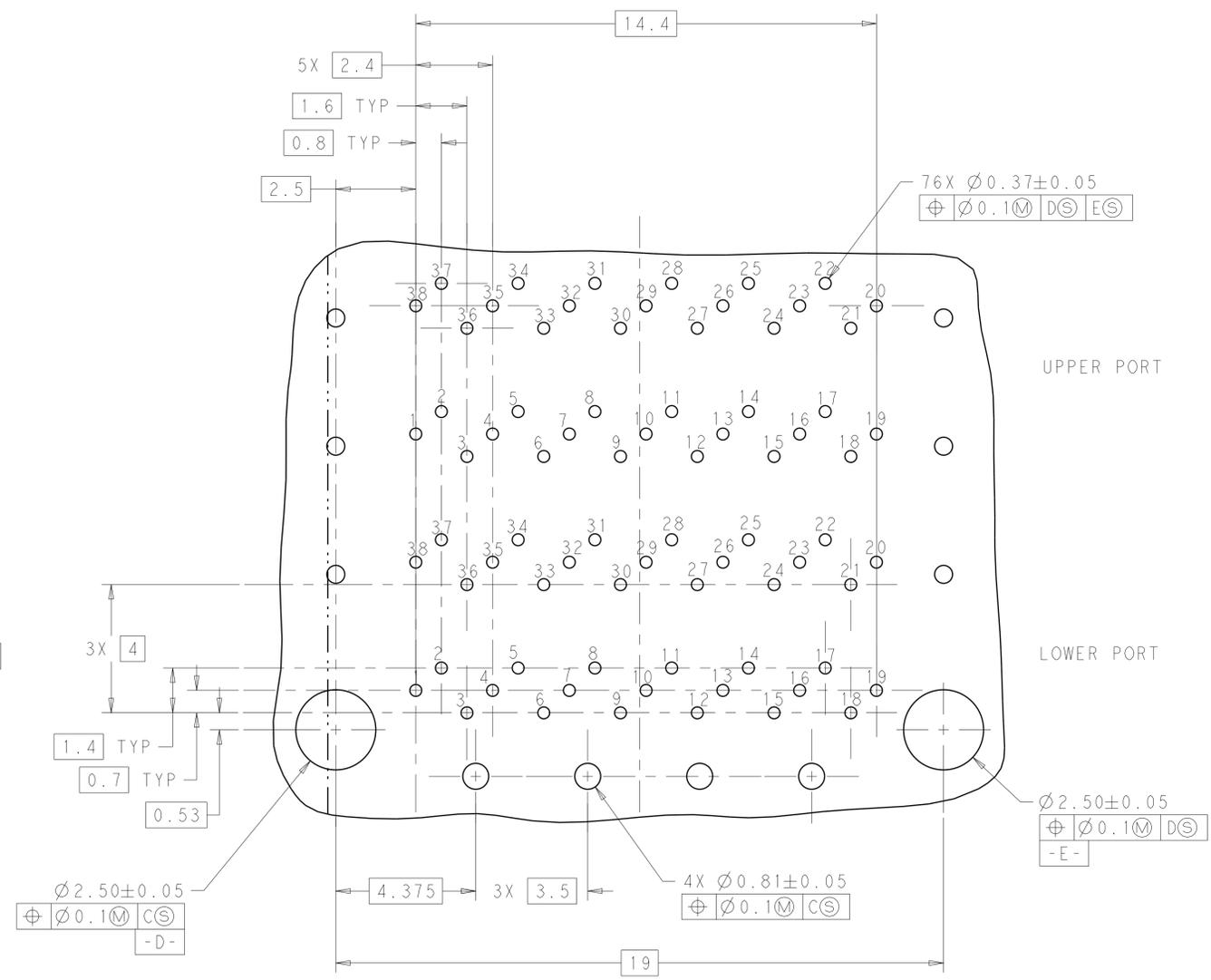
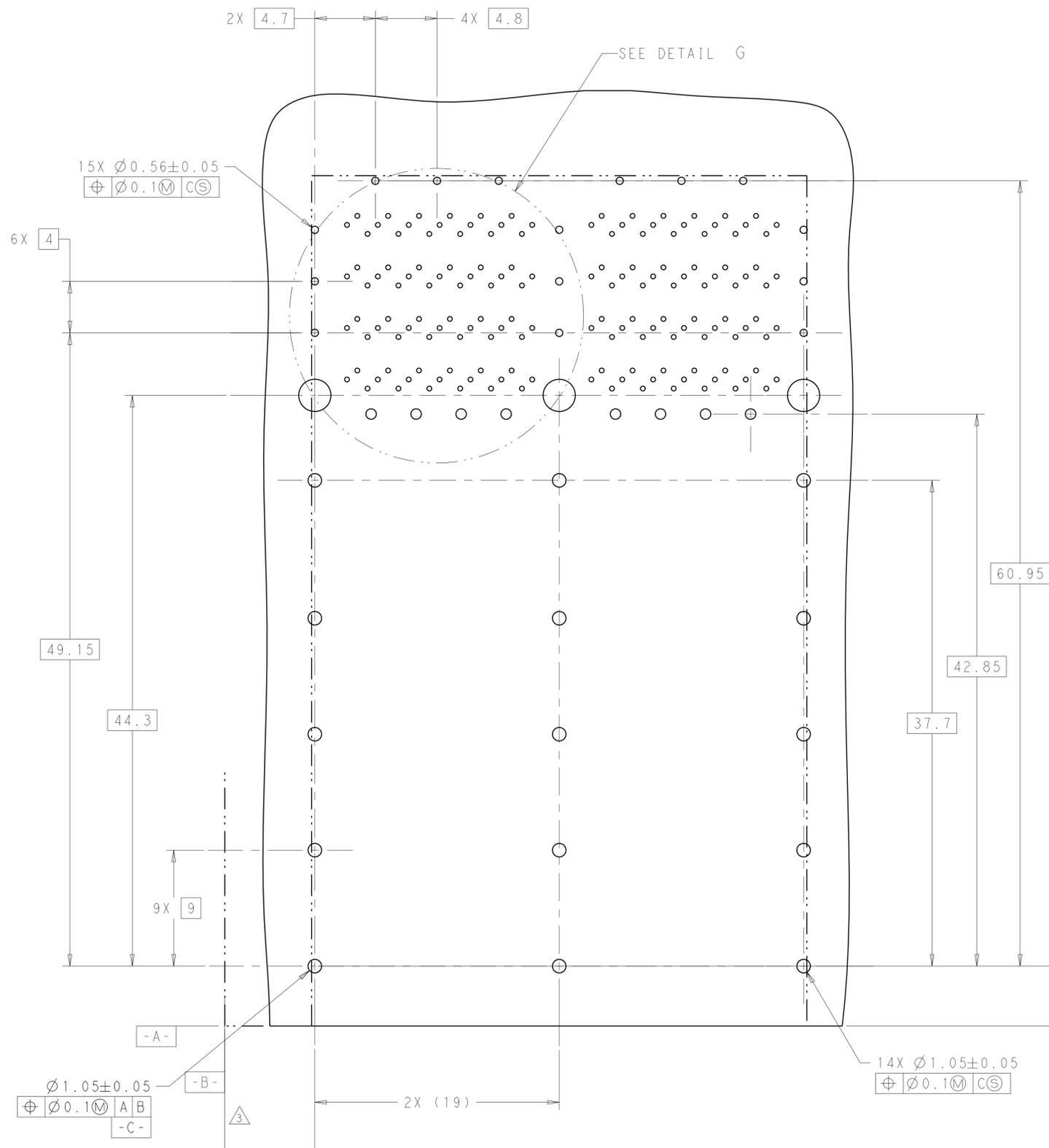
2299870-1 BEZEL LOCATION AS SHOWN  
 SECTION V-V  
 SCALE 3:1



ORGANIZER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN TIM XUE 28JAN2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 28JAN2016	NAME	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 28JAN2016	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC	SIZE	RESTRICTED TO
2 PLC ±0.15	3 PLC ±	108-60102	A1	
4 PLC ±	ANGLES ±	APPLICATION SPEC	CAGE CODE	DRAWING NO
MATERIAL	FINISH	114-60015	100779	2299870
SEE NOTE 1	SEE NOTE 2	WEIGHT	CUSTOMER DRAWING	SCALE 4:1 SHEET 6 OF 8 REV B

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
		1	SEE SHEET 1		

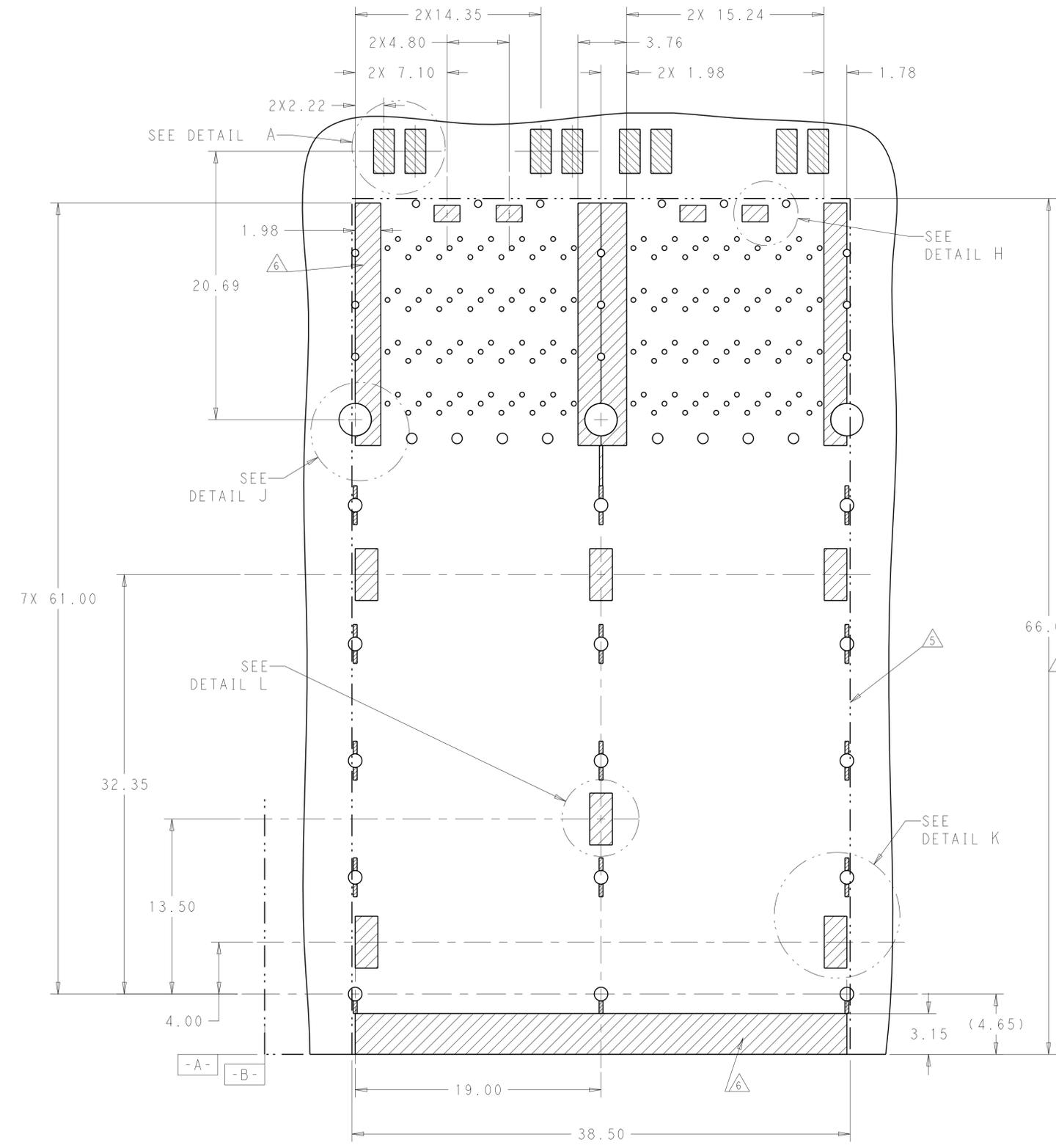


DETAIL G  
SCALE 10:1

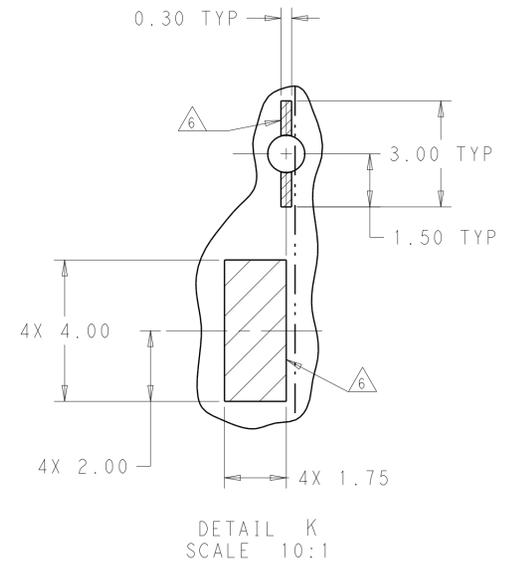
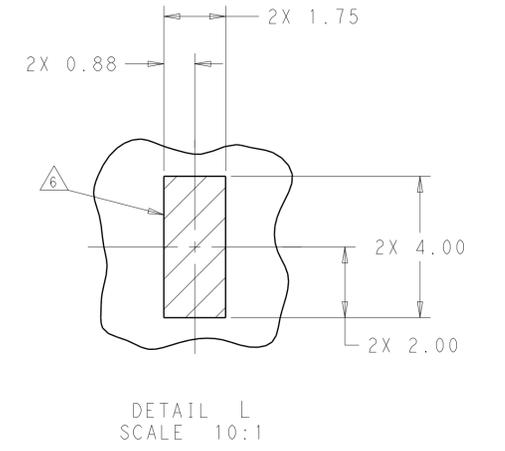
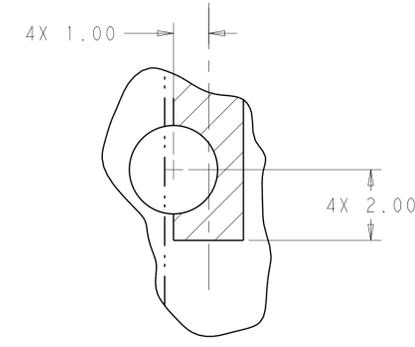
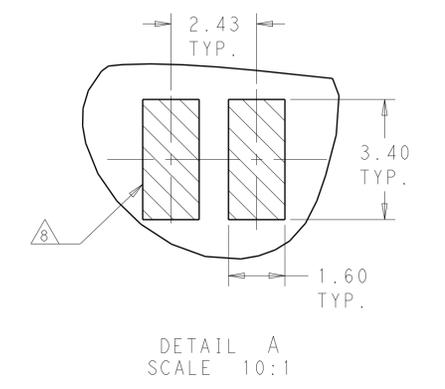
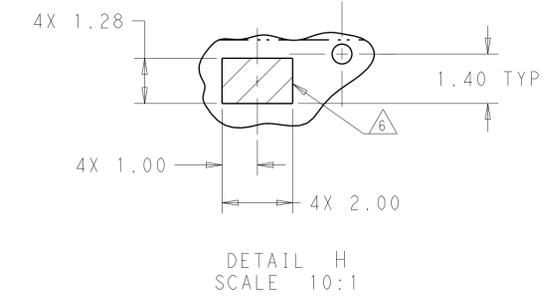
RECOMMENDED PC BOARD LAYOUT  
 COMPONENT SIDE OF BOARD  
 (PCB TOLERANCE ±0.05)  
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 28JAN2016	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 28JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 28JAN2016	
0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ±		NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
MATERIAL: SEE NOTE 1	FINISH: SEE NOTE 2	PRODUCT SPEC: 108-60102	SIZE: A1
CUSTOMER DRAWING		APPLICATION SPEC: 114-60015	CAGE CODE: 100779
		WEIGHT: -	DRAWING NO: C=2299870
		SCALE: 4:1	SHEET 7 OF 8
			REV B

LOC	DIST	REV	DATE	BY	APPD
GP	00				



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



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 28JAN2016	TE Connectivity	
DIMENSIONS: mm		CHK: SEAN HAN 28JAN2016		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 28JAN2016	NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSF+ STACKED WITH HS PRODUCT SPEC: 108-60102 APPLICATION SPEC: 114-60015 SIZE: 114-60015 WEIGHT: - CAGE CODE: A100779 DRAWING NO: C=2299870	
0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ±		RESTRICTED TO:		
MATERIAL: SEE NOTE 1		FINISH: SEE NOTE 2		SCALE: 4:1
CUSTOMER DRAWING		SHEET 8 OF 8		REV B

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

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moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9