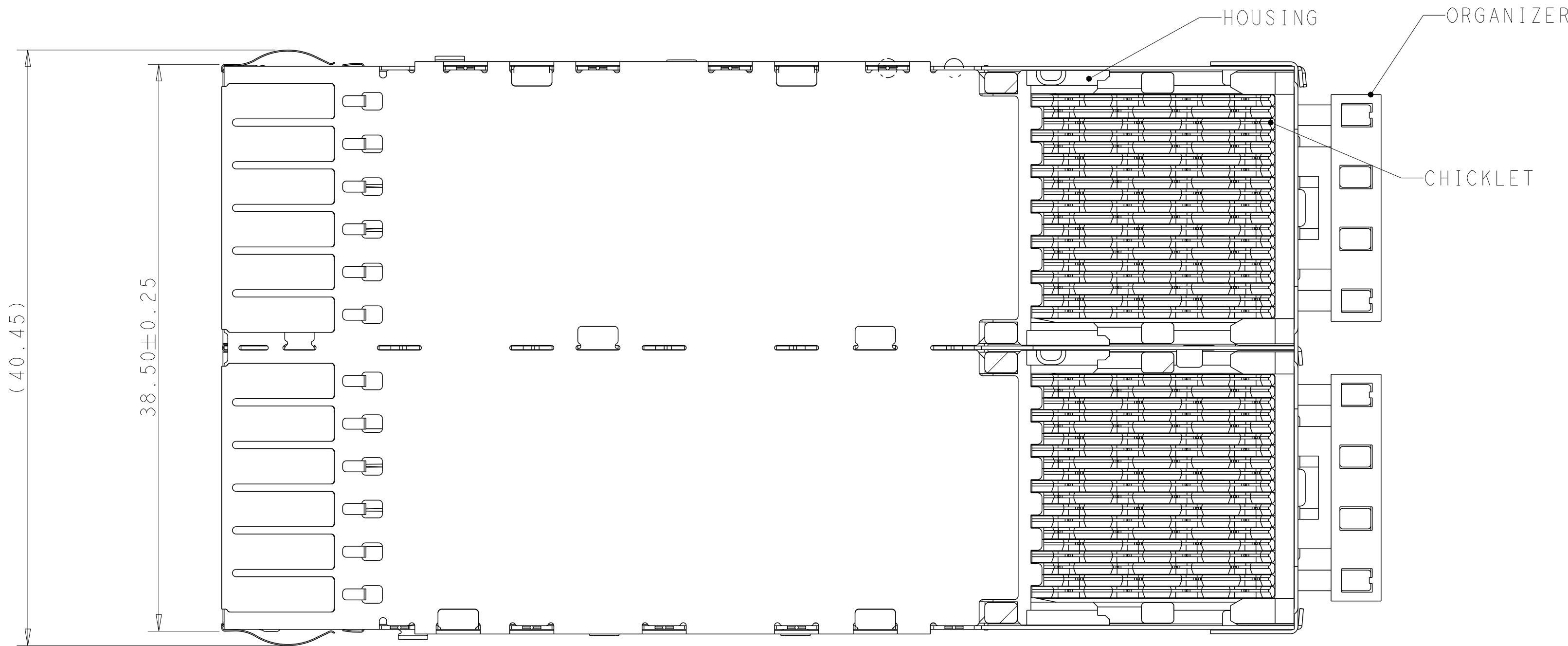
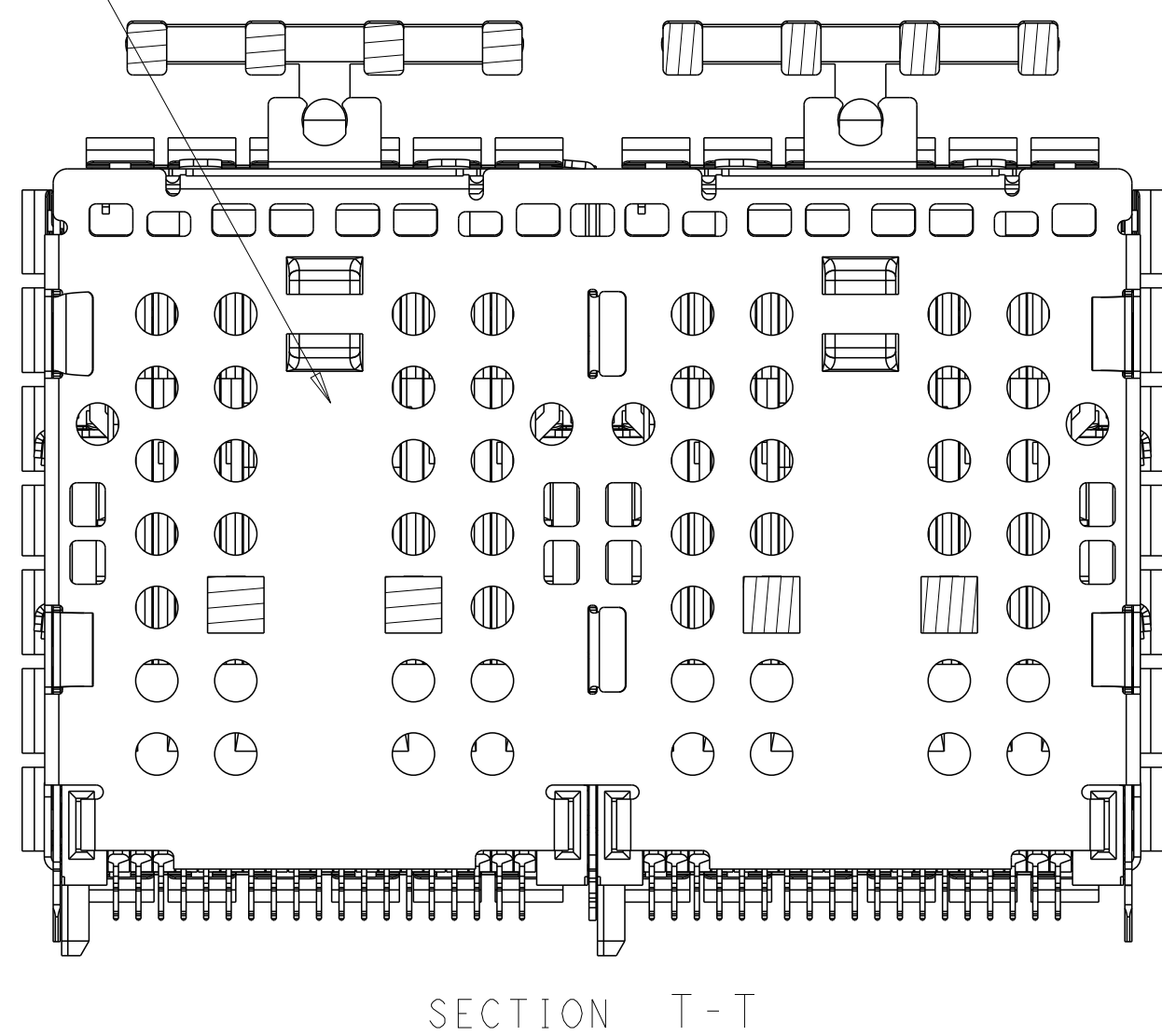
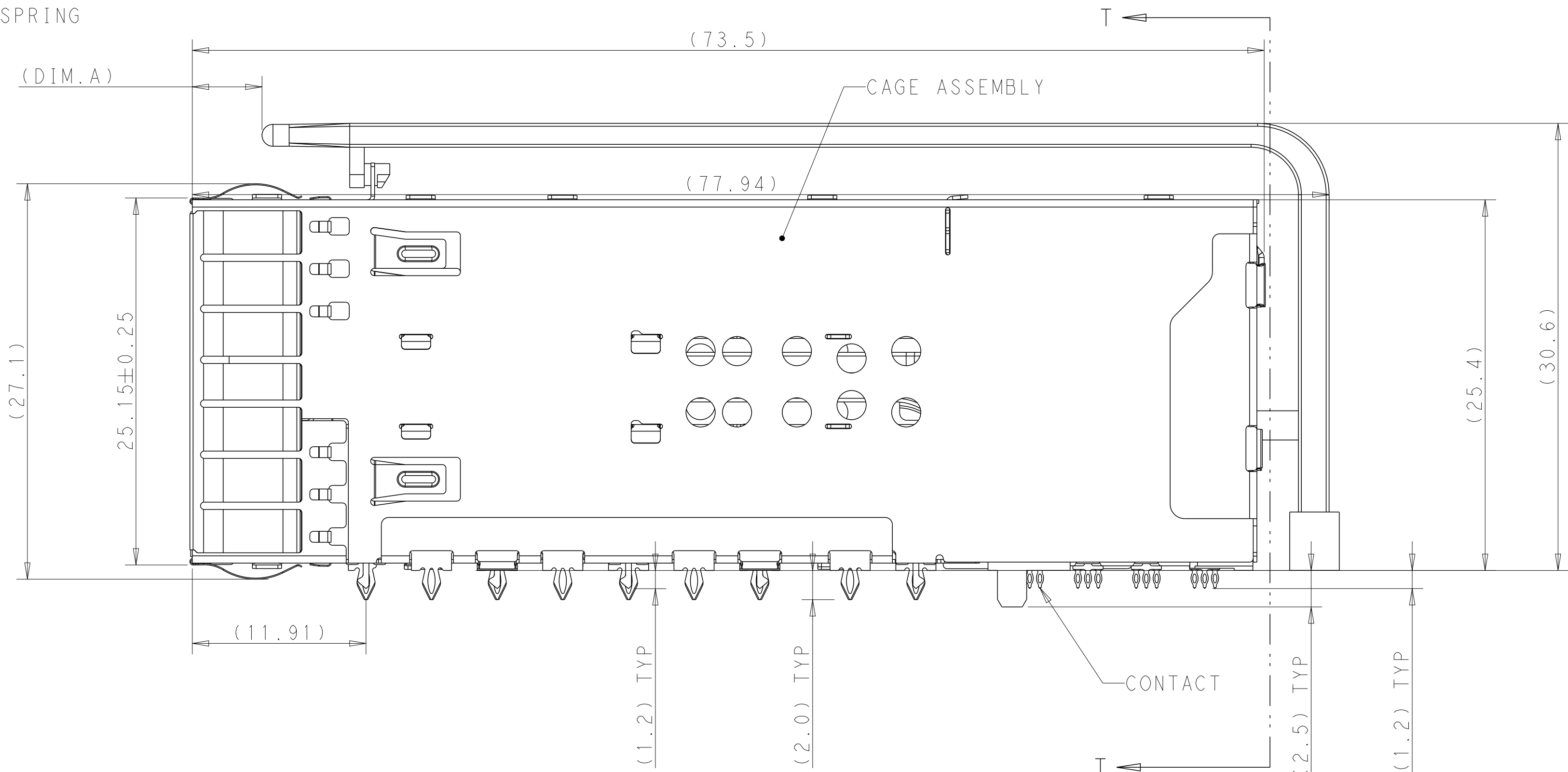
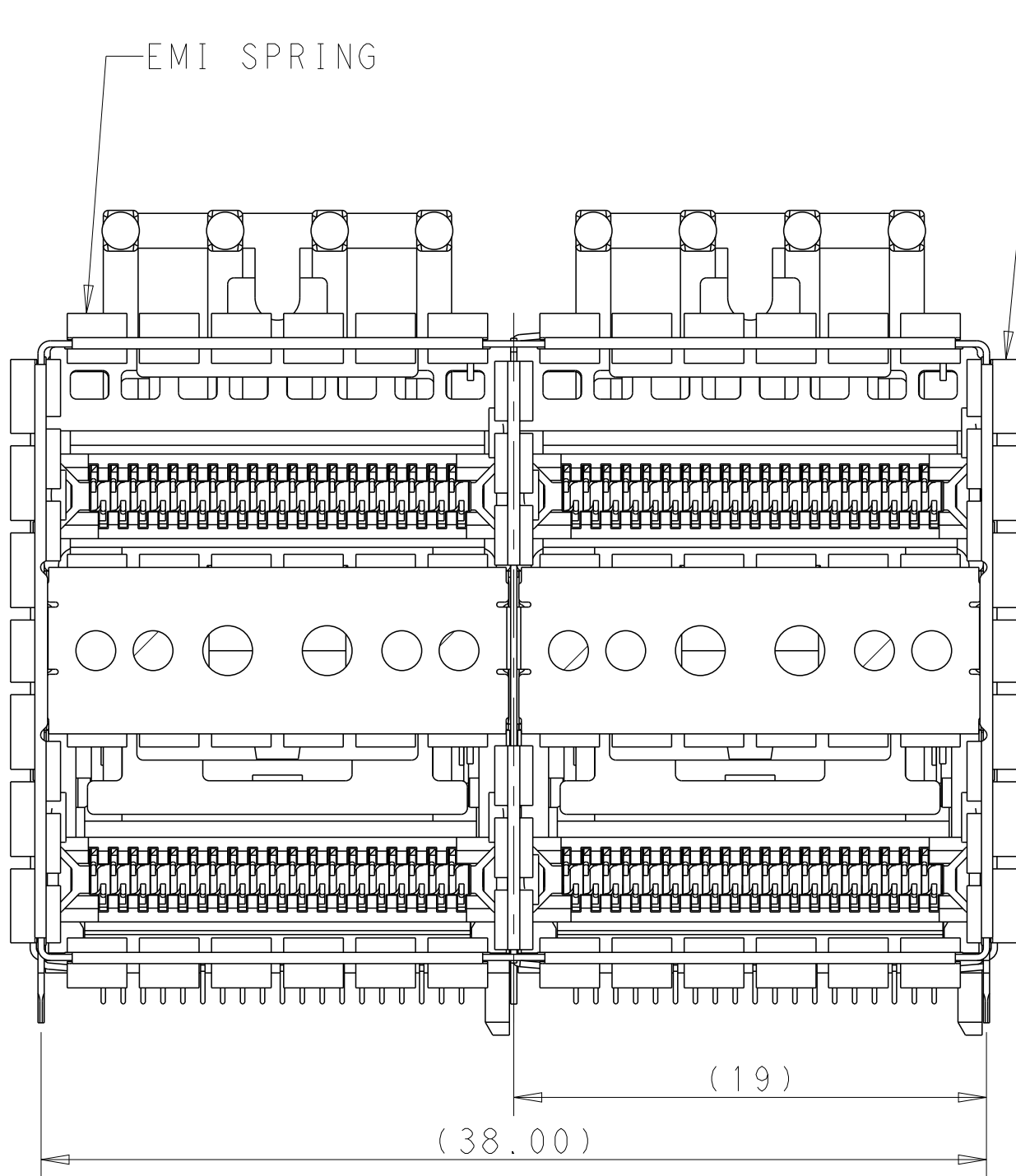


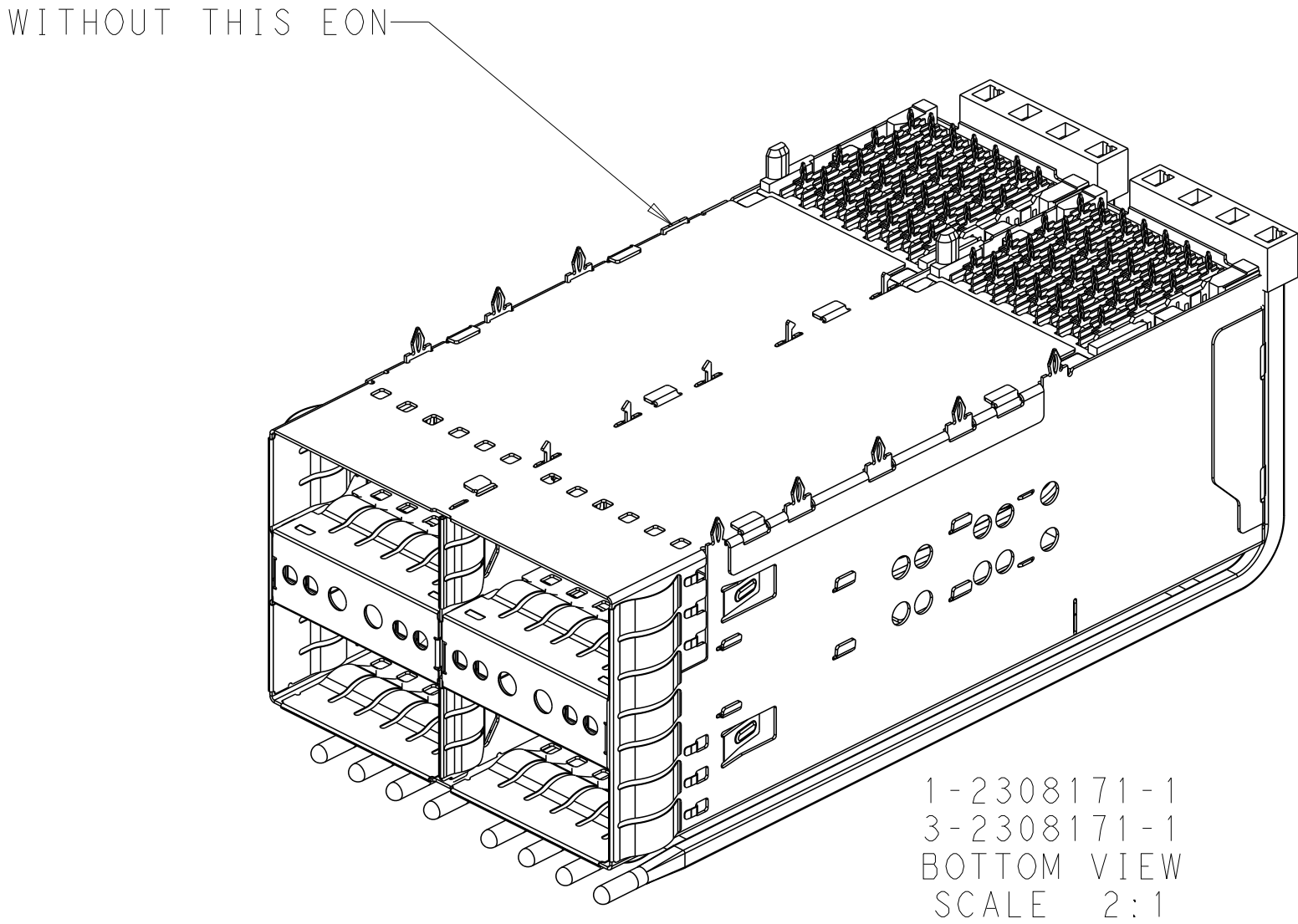
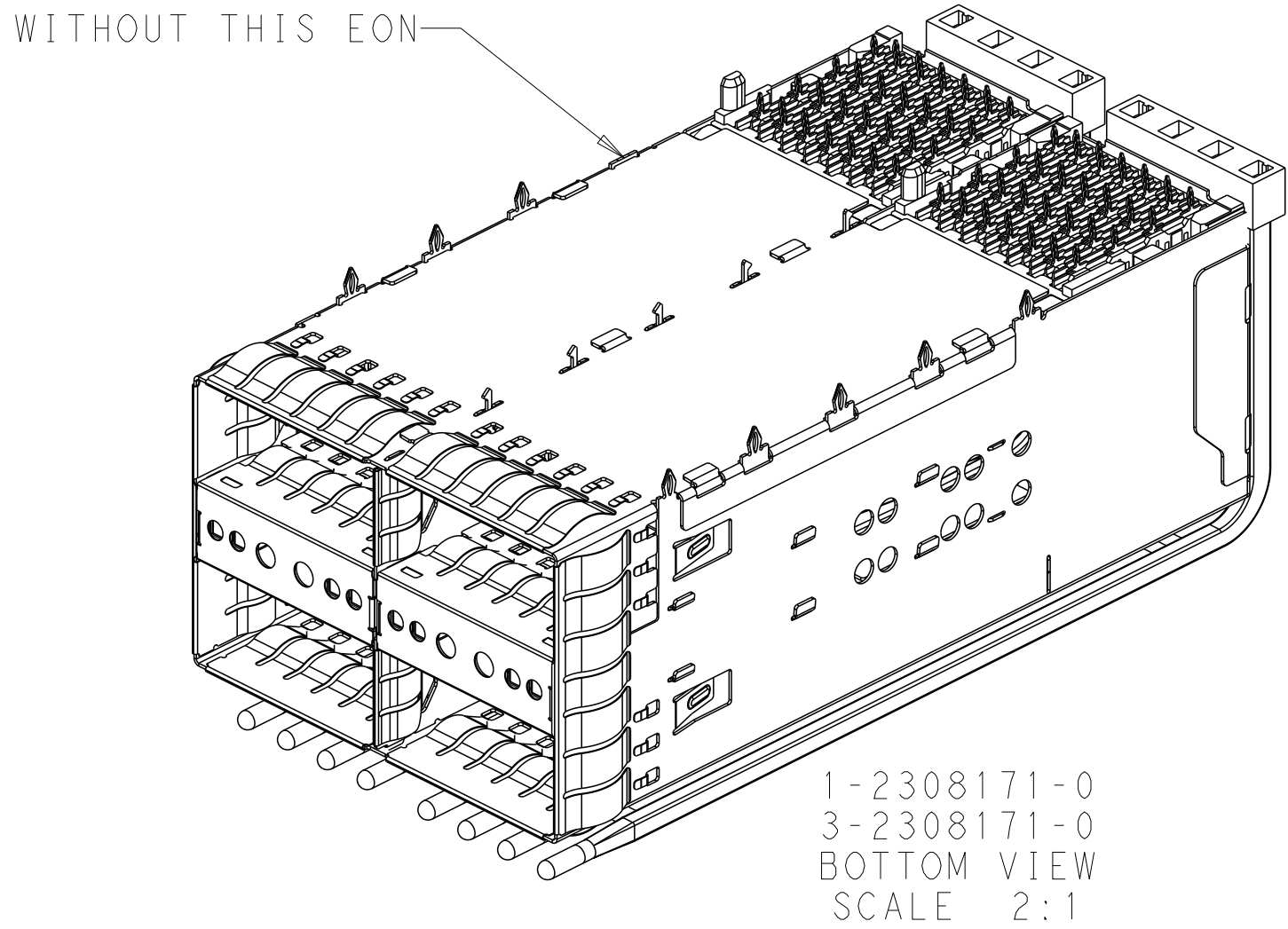
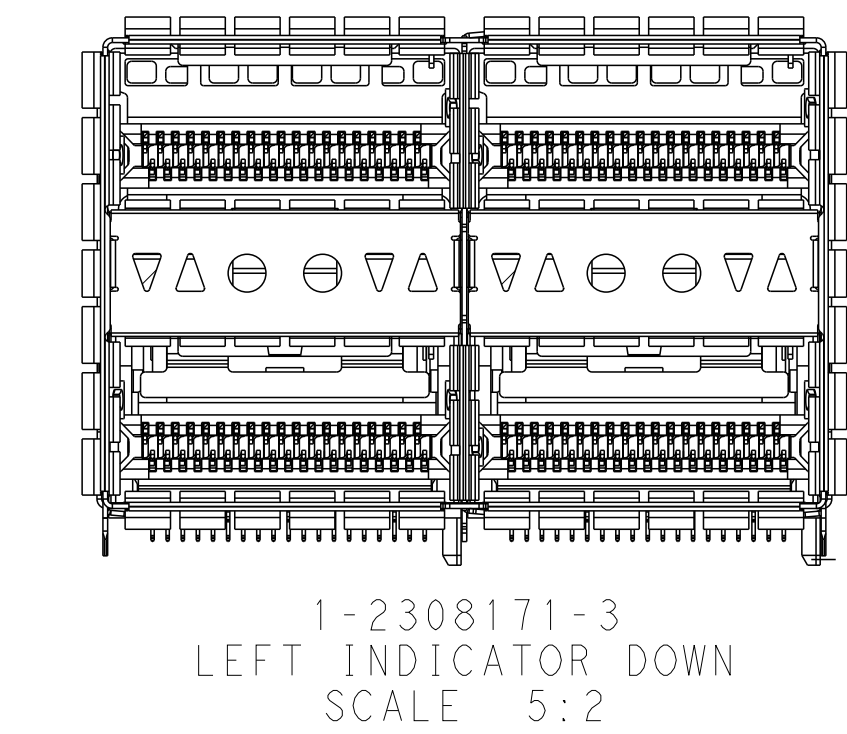
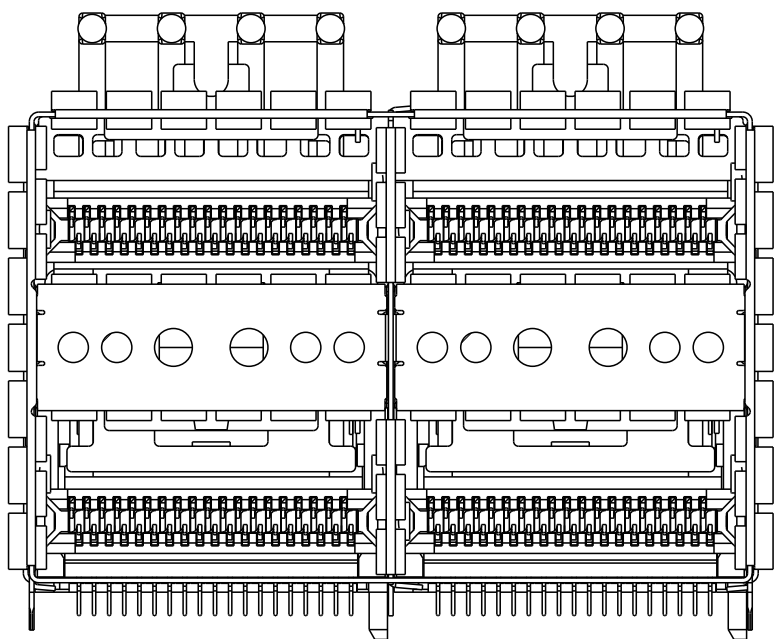
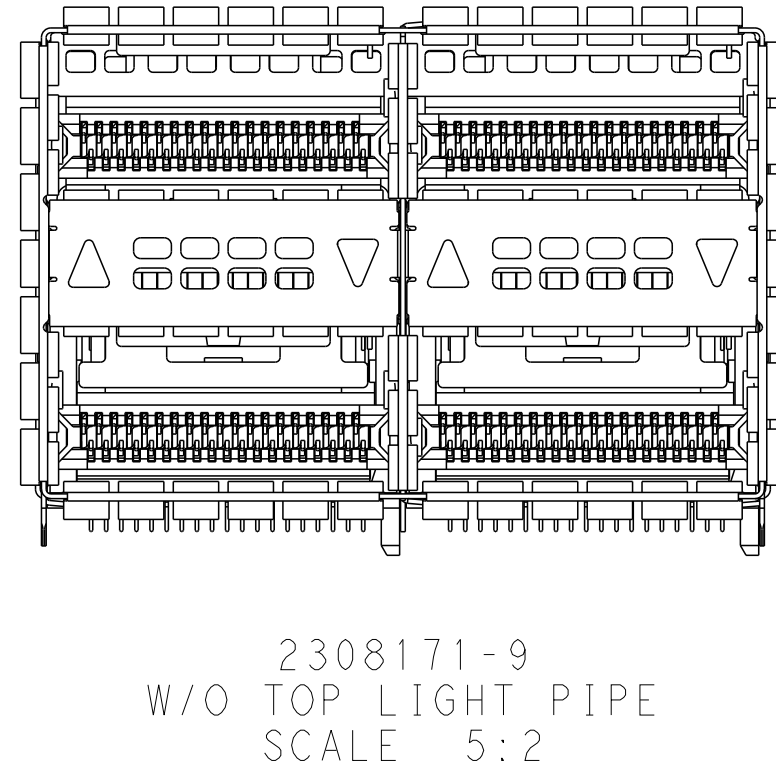
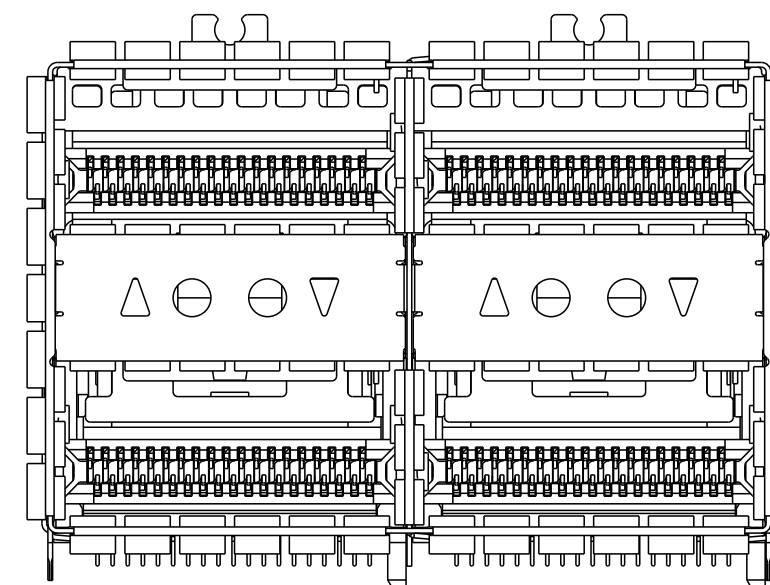
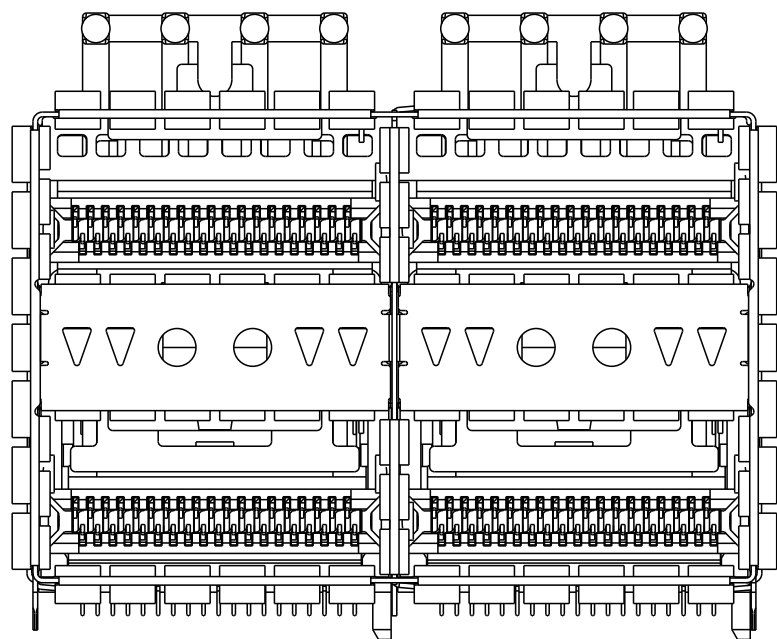
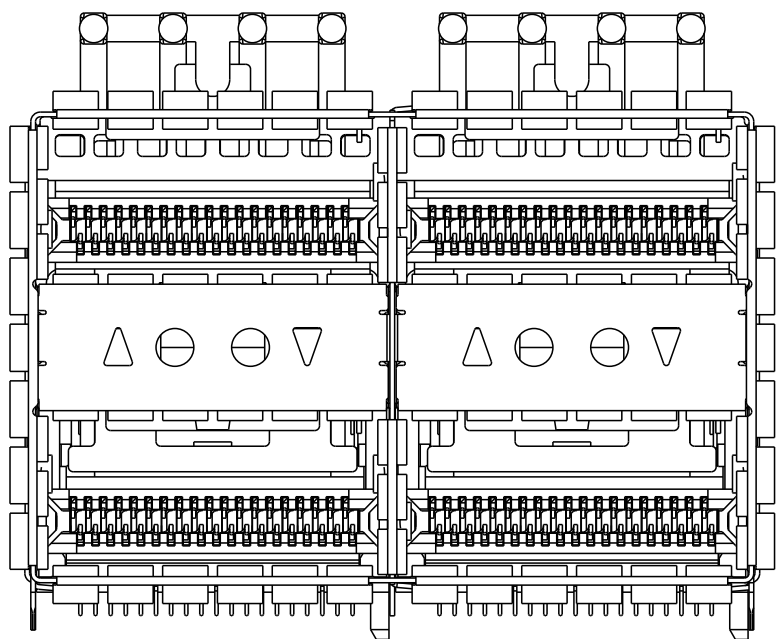
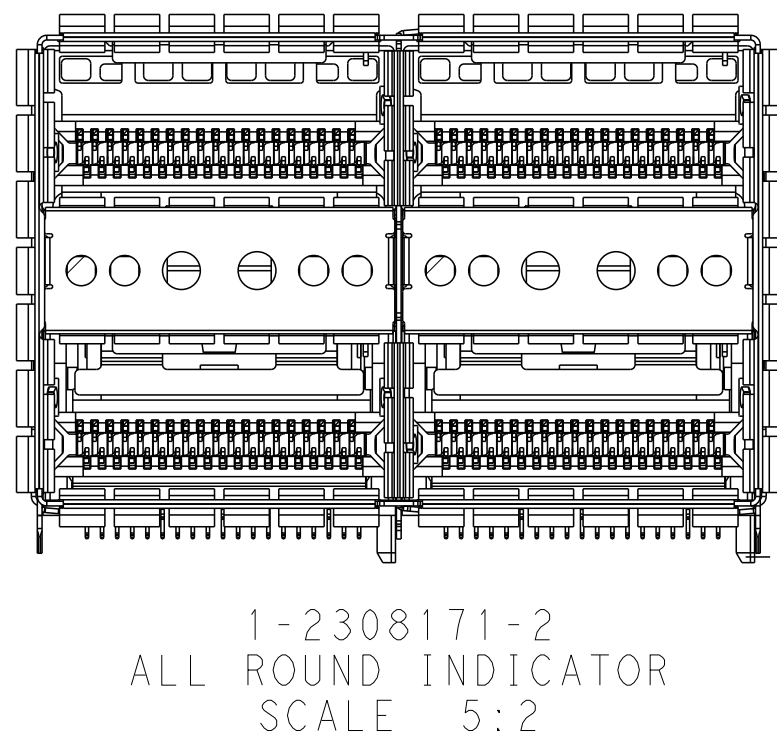
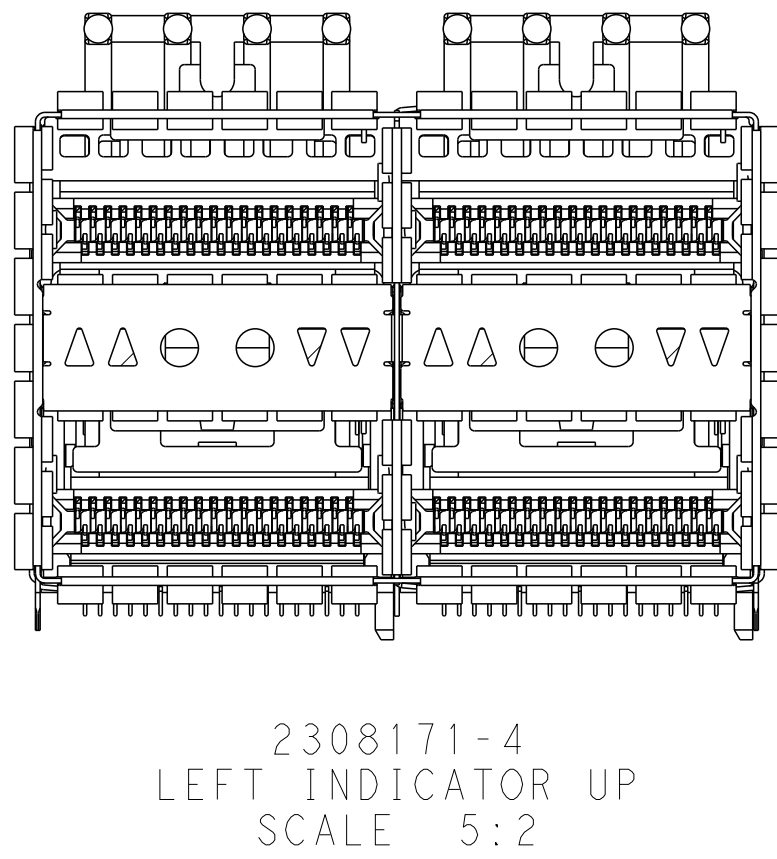
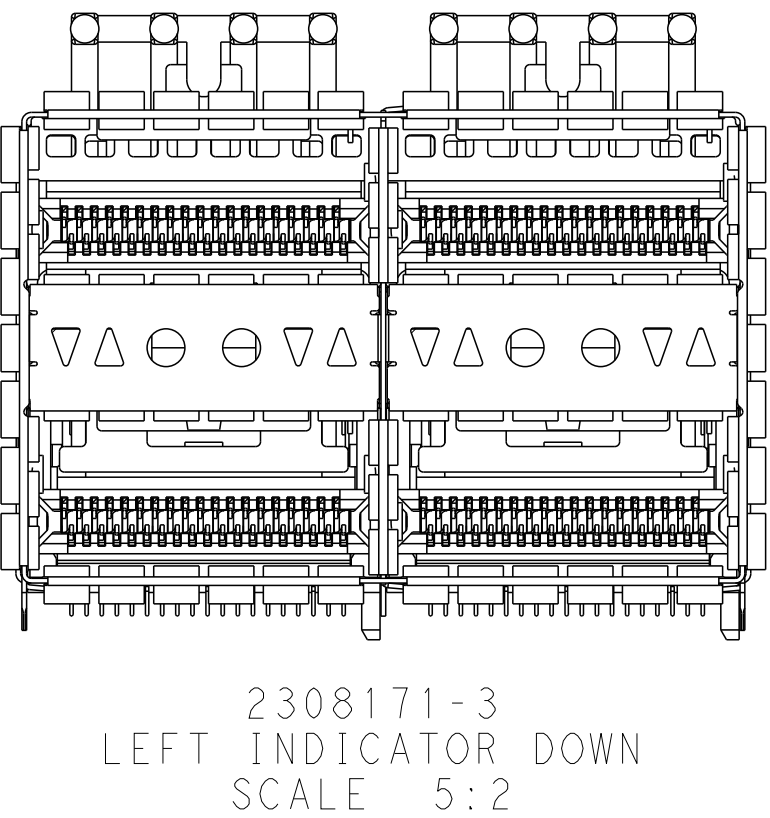
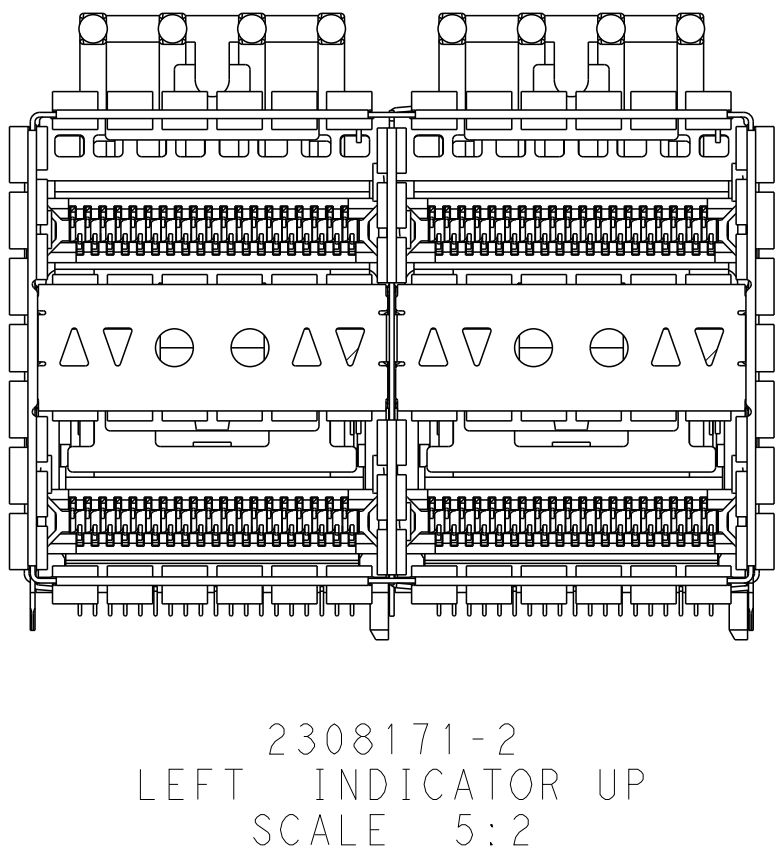
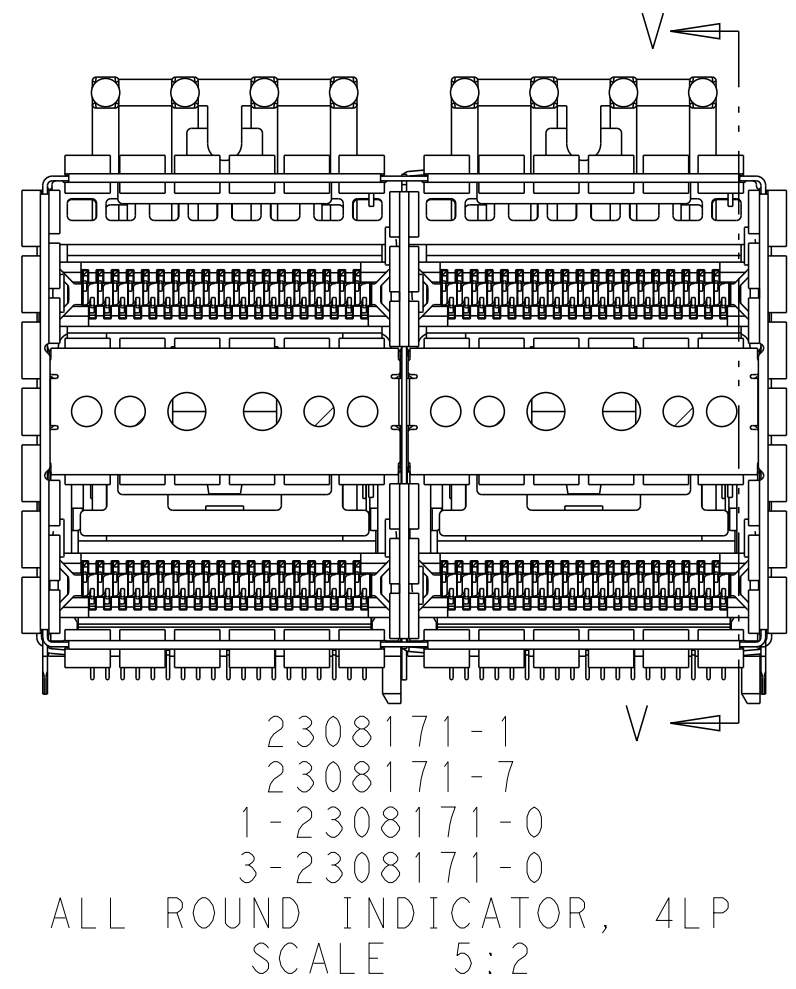
LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			D	REVISED PER ECR-20-014390	14OCT2020	RM	SH	
			D1	REVISED PER ECO-21-000016	04JAN2021	SH	SZ	
			D9	REVISED PER ECN-23-213779	08MAY2023	RY	SZ	
			D10	REVISED PER ECN-23-233140	02OCT2023	AB	SZ	



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 MIN GOLD ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm MIN NICKEL.
- 3 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
4. MINIMUM PCB THICKNESS OF 3.0 FOR BELLY TO BELLY APPLICATON.
- 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.

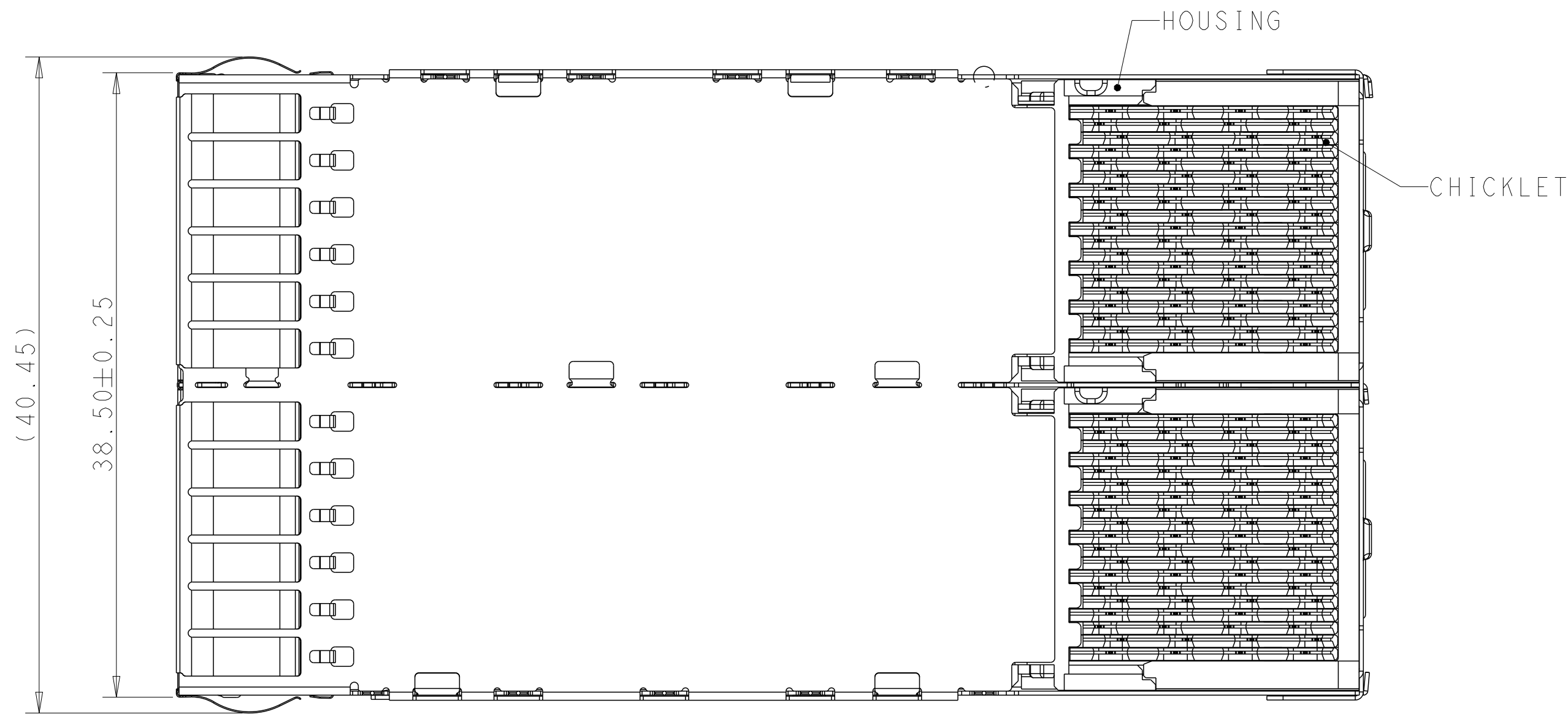
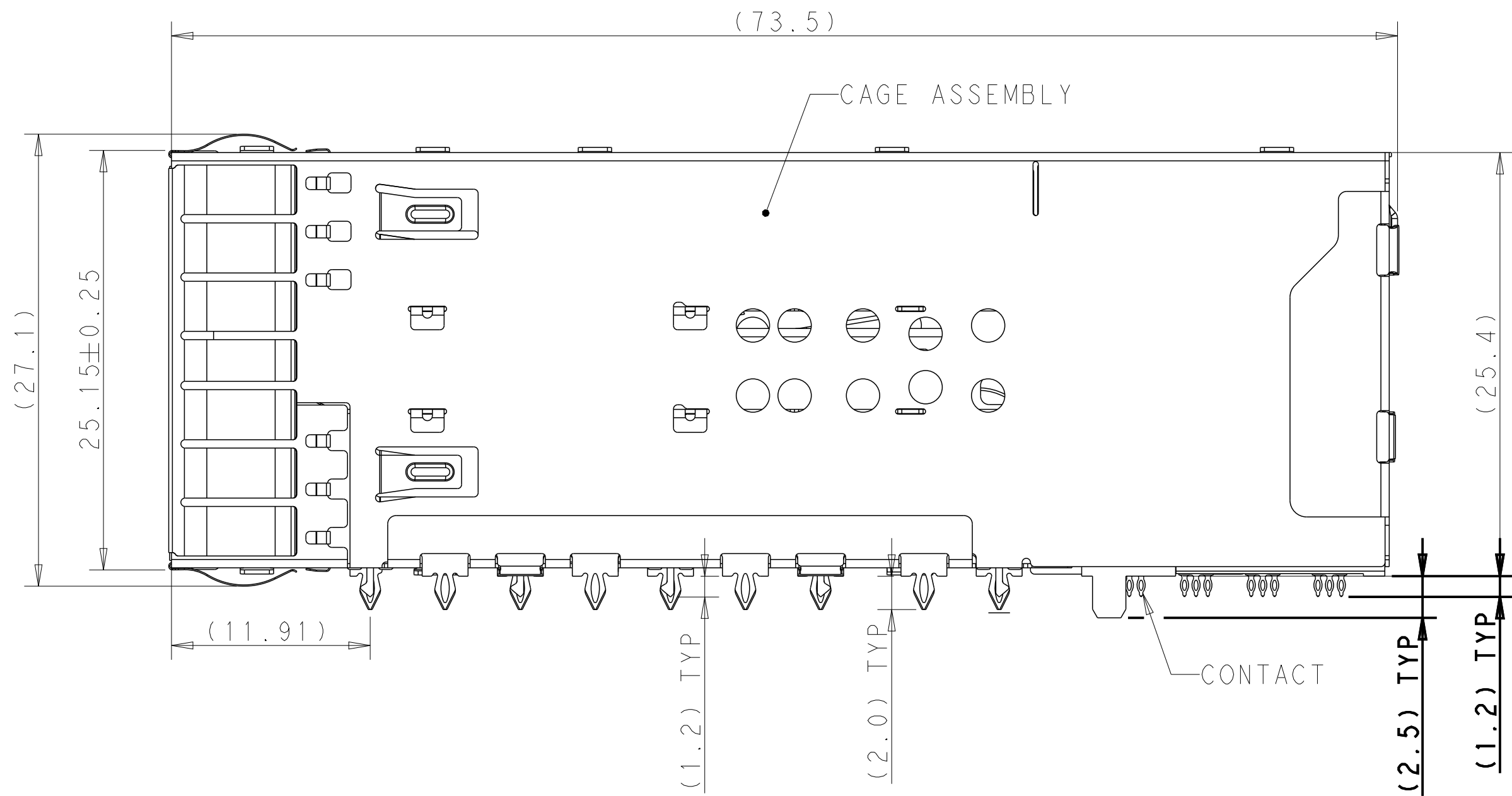
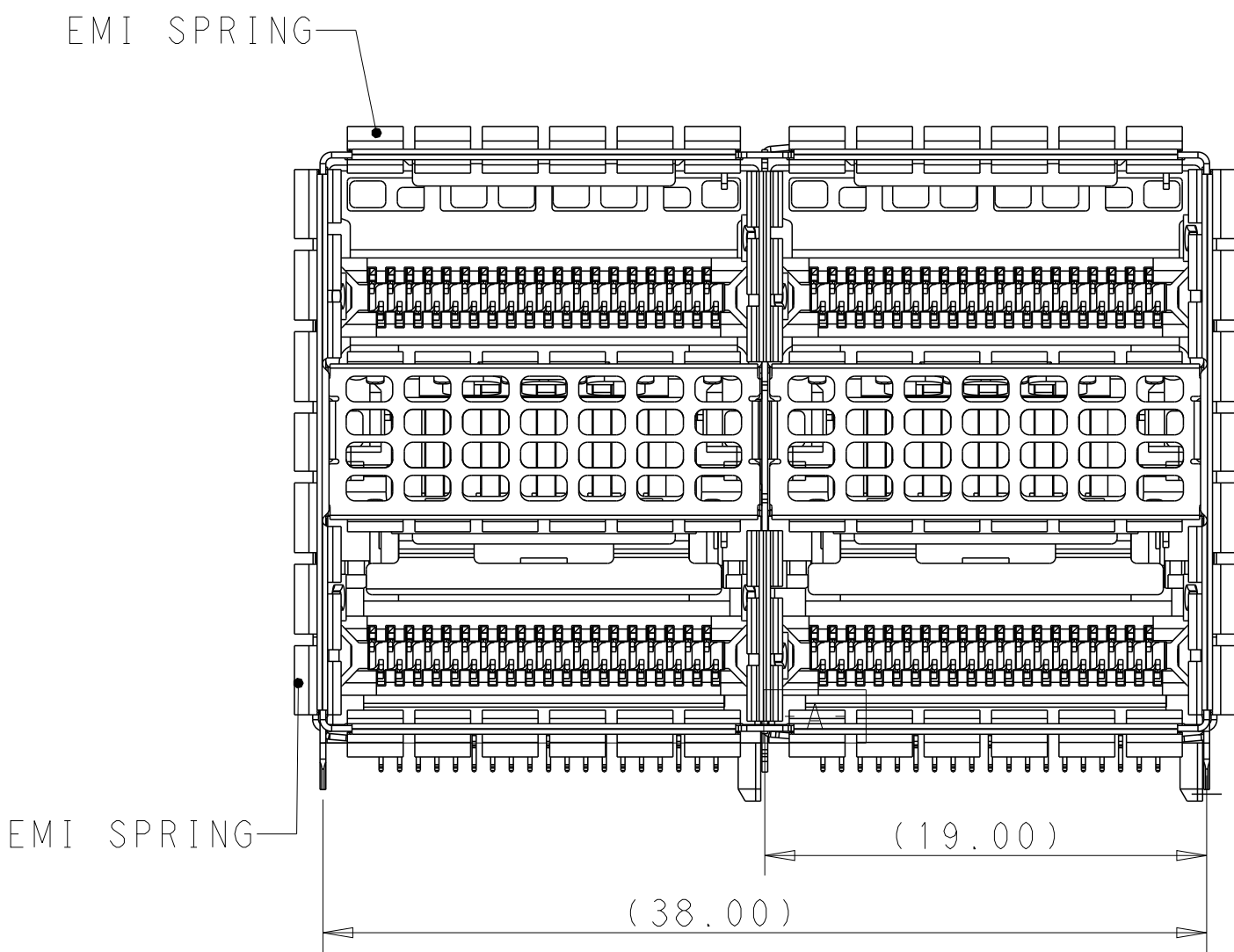
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	TIM XUE	17AUG2016	 TE Connectivity		
			CHK	SEAN HAN	17AUG2016			
			APVD	SEAN HAN	17AUG2016			
DIMENSIONS:		TOL. EXANCES UNLESS OTHERWISE SPECIFIED:		NAME		zQSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS. BELLY TO BELLY APPLICATION		
mm				PRODUCT SPEC				



W/O ORGANIZER,W/O TOP LP	N/A		LEFT INDICATOR DOWN, 4LP	1-2308171-3
W/ ORGANIZER,UNCOATED LP	0.1		ALL ROUND INDICATOR, 4LP	3-2308171-1
W/ ORGANIZER,UNCOATED LP	0.1		ALL ROUND INDICATOR, 4LP	3-2308171-0
W/O ORGANIZER,W/O TOP LP	N/A		NO INTRENAL LP	2-2308171-2
W/ ORGANIZER,UNCOATED LP	N/A		NO INTRENAL LP	2-2308171-1
W/ ORGANIZER,UNCOATED LP	N/A		NO INTRENAL LP	2-2308171-0
W/O ORGANIZER,W/O TOP LP	N/A		ALL ROUND INDICATOR NO INTERNAL LP, WITH INTERNAL HS	1-2308171-4
W/O ORGANIZER,W/O TOP LP	N/A		ALL ROUND INDICATOR	1-2308171-2
W/ ORGANIZER,UNCOATED LP	1.6		ALL ROUND INDICATOR, 4LP	1-2308171-1
W/ ORGANIZER,UNCOATED LP	1.6		ALL ROUND INDICATOR, 4LP	1-2308171-0
W/O ORGANIZER,W/O TOP LP	N/A		LEFT INDICATOR UP, 2LP	2308171-9
W/O ORGANIZER,W/O TOP LP	N/A		LEFT INDICATOR UP, 2LP	2308171-8
W/O ORGANIZER,UNCOATED LP	1.6		ALL ROUND INDICATOR, 4LP	2308171-7
W/ ORGANIZER,UNCOATED LP	1.6		ALL INDICATOR DOWN, 4LP	2308171-6
W/O ORGANIZER,UNCOATED LP	4.8		LEFT INDICATOR UP, 2LP	2308171-5
W/O ORGANIZER,UNCOATED LP	4.8		LEFT INDICATOR UP, 4LP	2308171-4
W/O ORGANIZER,UNCOATED LP	4.8		LEFT INDICATOR DOWN, 4LP	2308171-3
W/O ORGANIZER,UNCOATED LP	4.8		LEFT INDICATOR UP, 4LP	2308171-2
W/ ORGANIZER,UNCOATED LP	4.8		ALL ROUND INDICATOR, 4LP	2308171-1
REMARK	DIM.A	CONTACT FINISH	DESCRIPTION	PART NUMBER

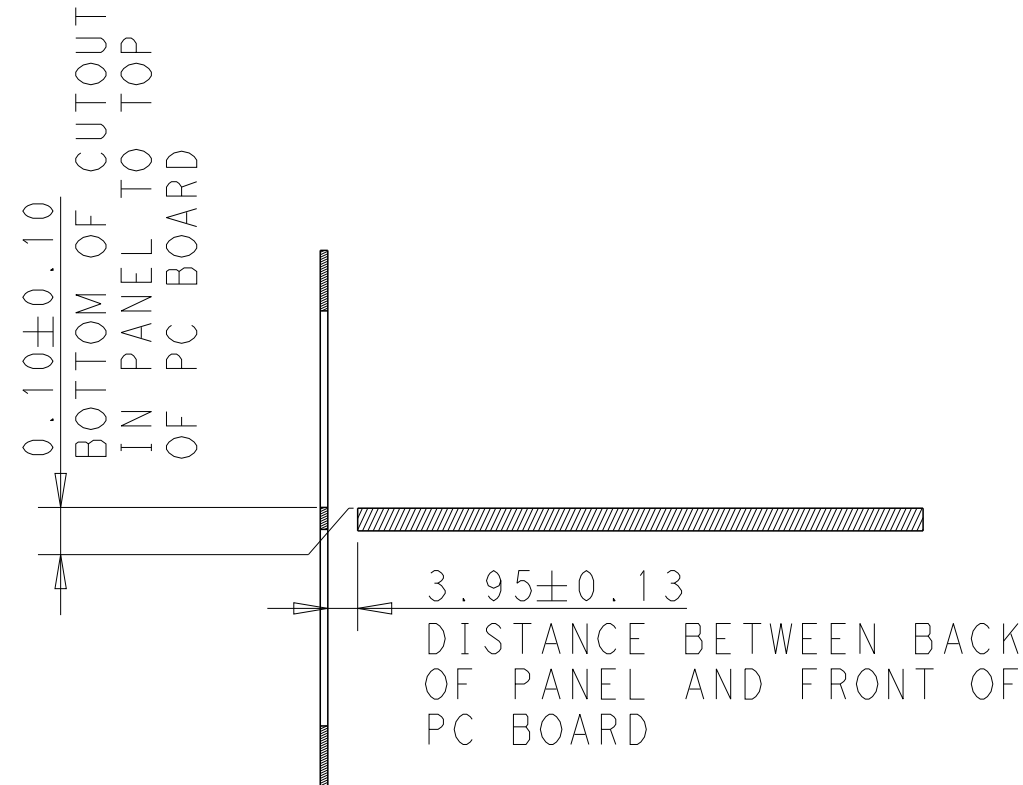
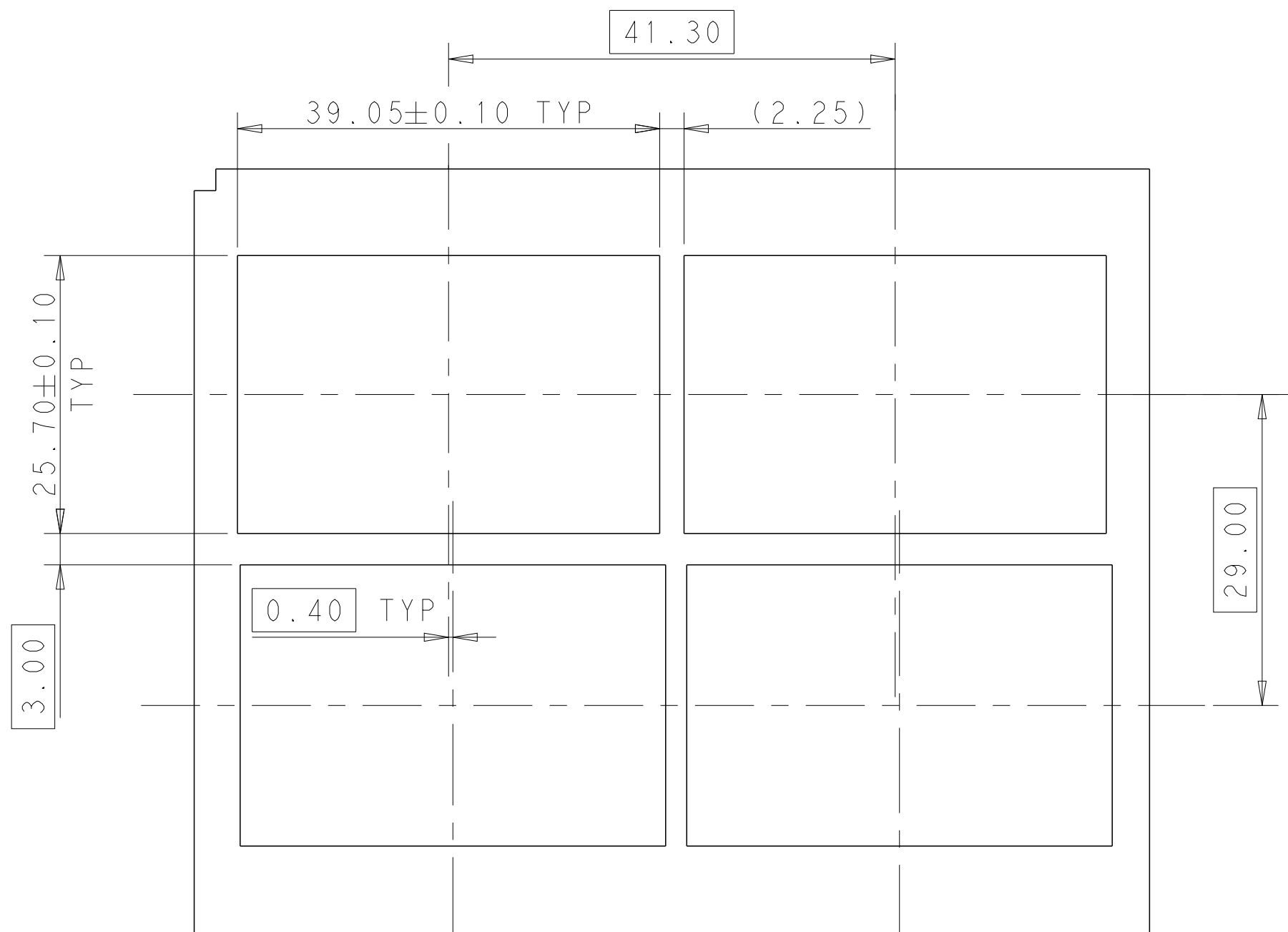
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN TIM XUE 17AUG2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 17AUG2016		
mm		APVD SEAN HAN 17AUG2016		
		PRODUCT SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	zOSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS. BELLY TO BELLY APPLICATION	
0 PLC ± 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL		114-60015	A100779C=2308171	
SEE NOTE 1		WEIGHT	CUSTOMER DRAWING	
SEE NOTE 2		SCALE	1:1	
		SHEET	2 OF 11	
		REV	D10	

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



1-2308171-4
WITH INTERNAL HS
OTHERS ARE THE SAME AS 2308171-1

1-2308171-4 PCB FOOTPRINT IS
SHOWN IN THE NEXT PAGE



SECTION U-U

1-2308171-4 PANEL CUTOUT
SCALE 2:1

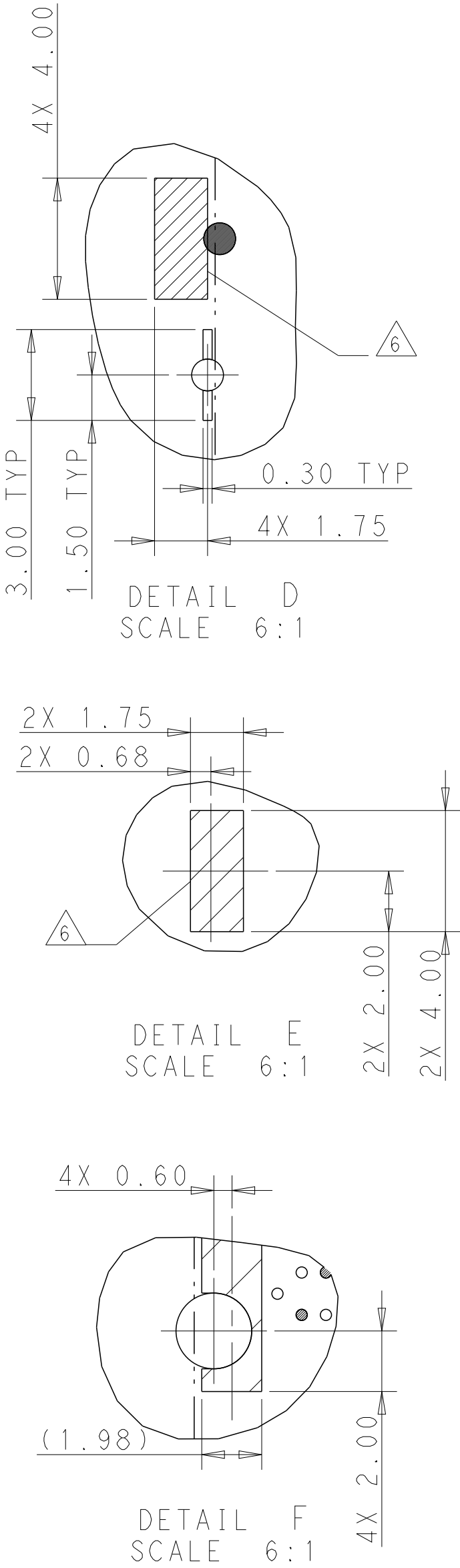
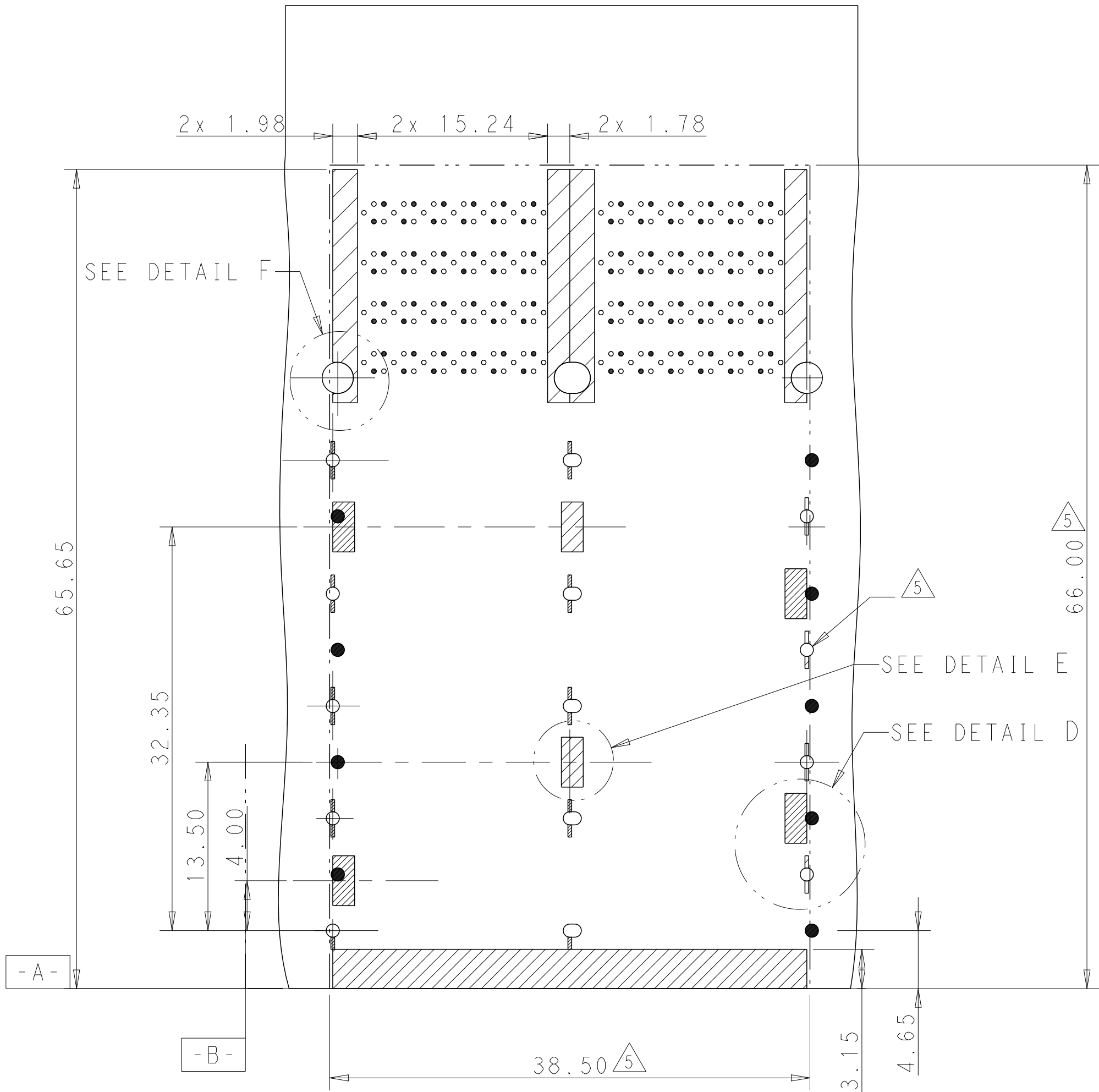
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	17AUG2016	 TE Connectivity							
DIMENSIONS:		CHK SEAN HAN	17AUG2016								
mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN	NAME	zOSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION						
	0 PLC ±.01 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH		PRODUCT SPEC								
	MATERIAL		APPLICATION SPEC								
	SEE NOTE 1		114-60015								
	SEE NOTE 2		WEIGHT								
		CUSTOMER DRAWING		SIZE	A1	CAGE CODE	00779	DRAWING NO	G-2308171	RESTRICTED TO	-
				SCALE	1:1	SHEET	3	OF	11	REV	D10

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

1-2308171-4 PCB FOOTPRINT

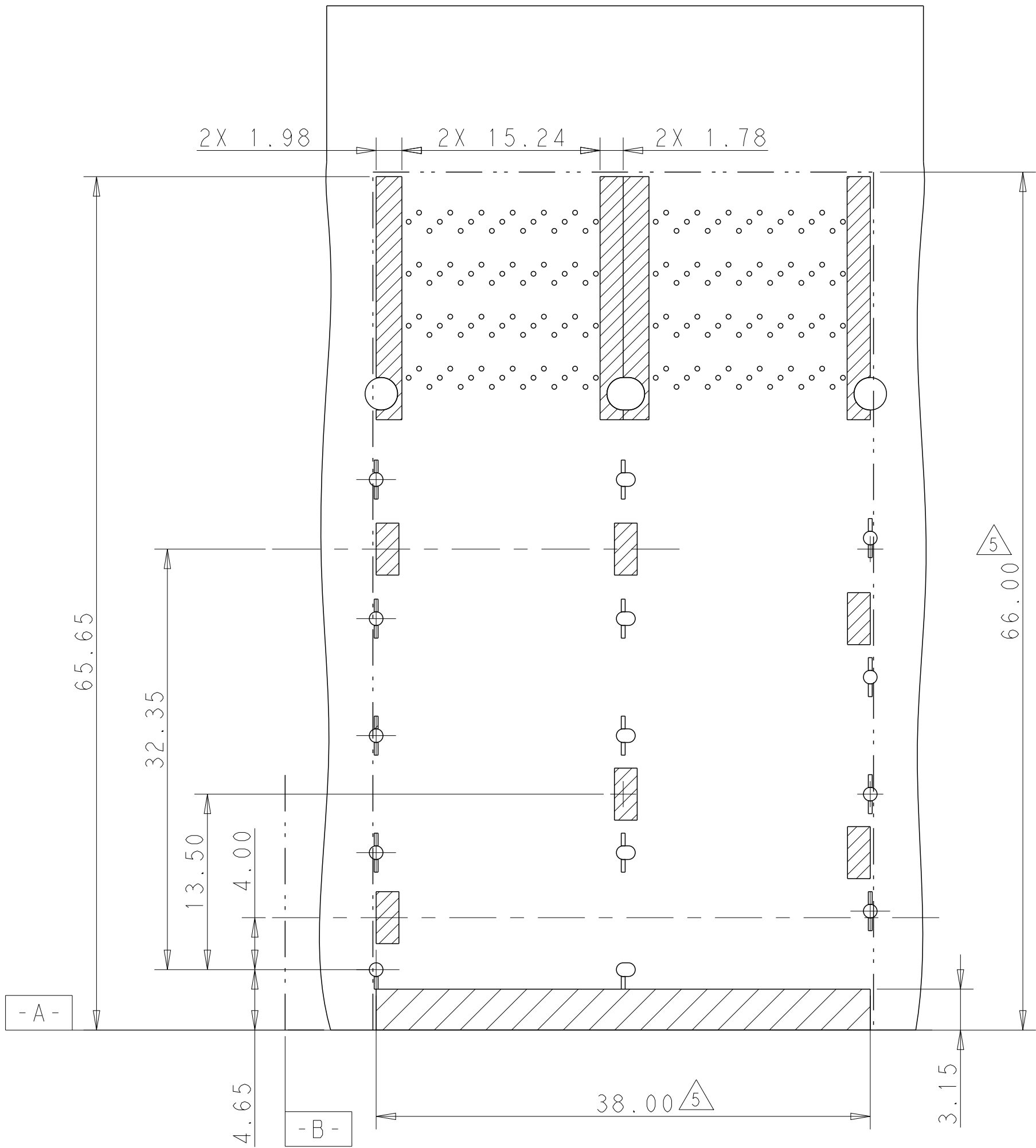
BELLY TO BELLY PCB APPLICATON

KEEP OUT AREAS OF 1-2308171-4
PLS REFER TO PAGE 8 FOR OTHER DIMENSIONS OF PC BOARD
TOP COMPONENT SIDE OF BOARD(PCB TOLERANCE ± 0.05)
SCALE 3:1

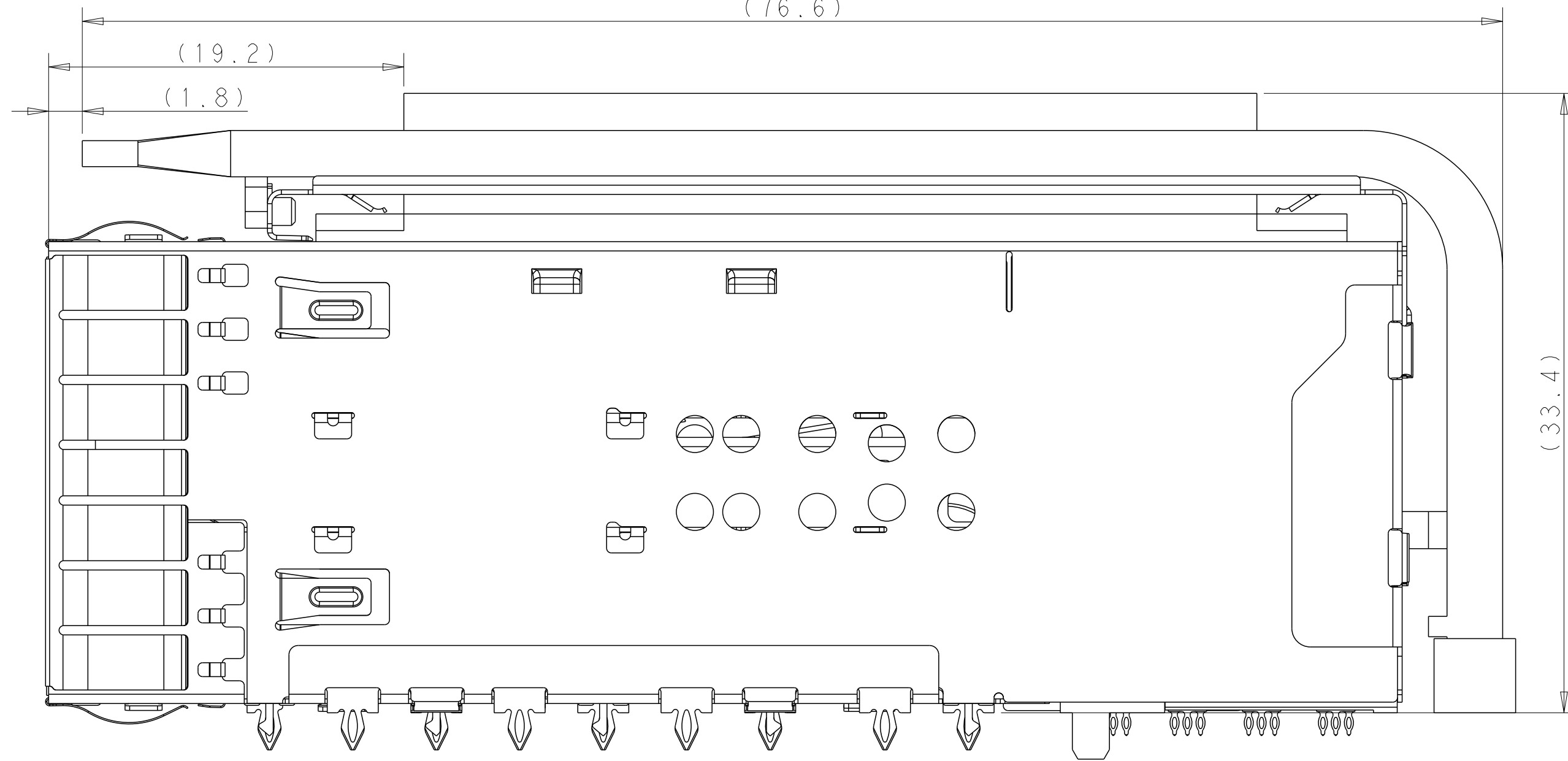


SINGLE PCB APPLICATON

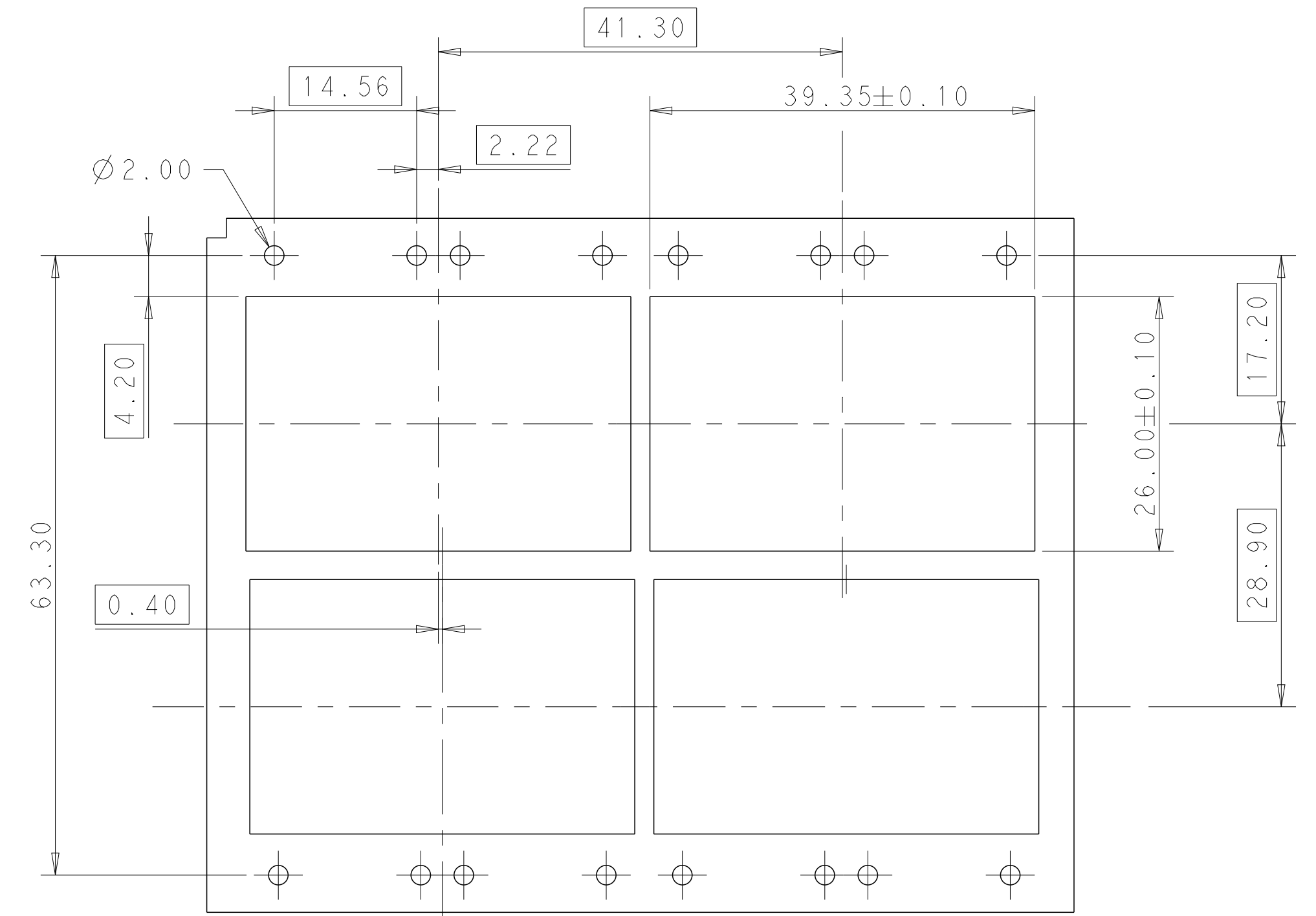
KEEP OUT AREAS OF 1-2308171-4 ARE THE SAME TO BELLY TO BELLY PCB APPLICATION SHOWN LEFT
PLS REFER TO PAGE 8 FOR OTHER DIMENSIONS OF PC BOARD
TOP COMPONENT SIDE OF BOARD(PCB TOLERANCE ± 0.05)
SCALE 3:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TIM XUE		17AUG2016		 TE Connectivity	
		CHK	SEAN HAN		17AUG2016			
DIMENSIONS:		APVD	SEAN HAN		17AUG2016		NAME	
mm		PRODUCT SPEC						
		108-60102					zQSFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
		APPLICATION SPEC						
		114-60015						
MATERIAL		WEIGHT					SIZE	
SEE NOTE 1		CUSTOMER DRAWING					CAGE CODE	
SEE NOTE 2							DRAWING NO	
							RESTRICTED TO	
							A100779	
							C=2308171	
							SCALE	
							1:1	
							SHEET	
							4	
							OF	
							11	
							REV	
							D10	

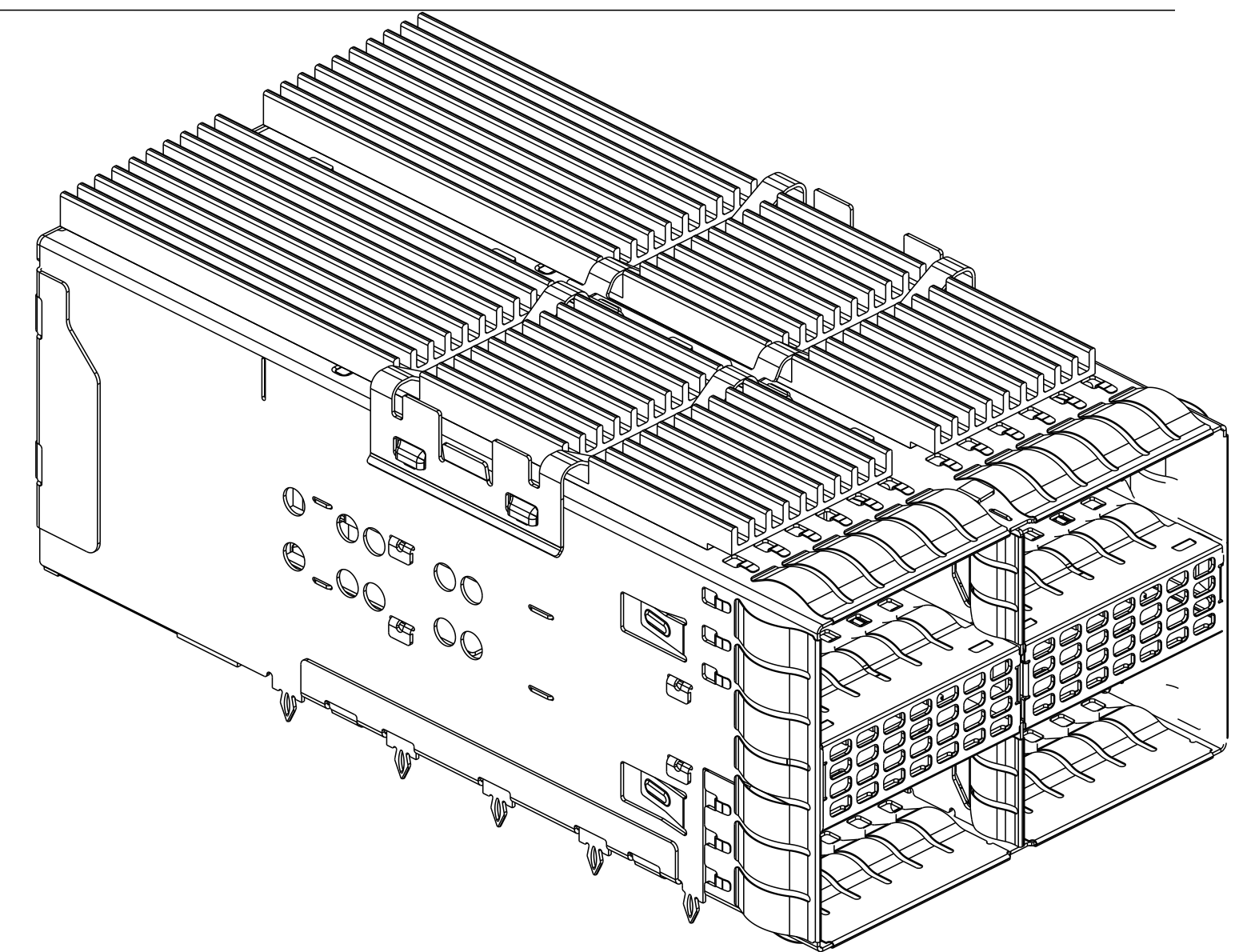


SCALE 5:2



SCALE 5:2

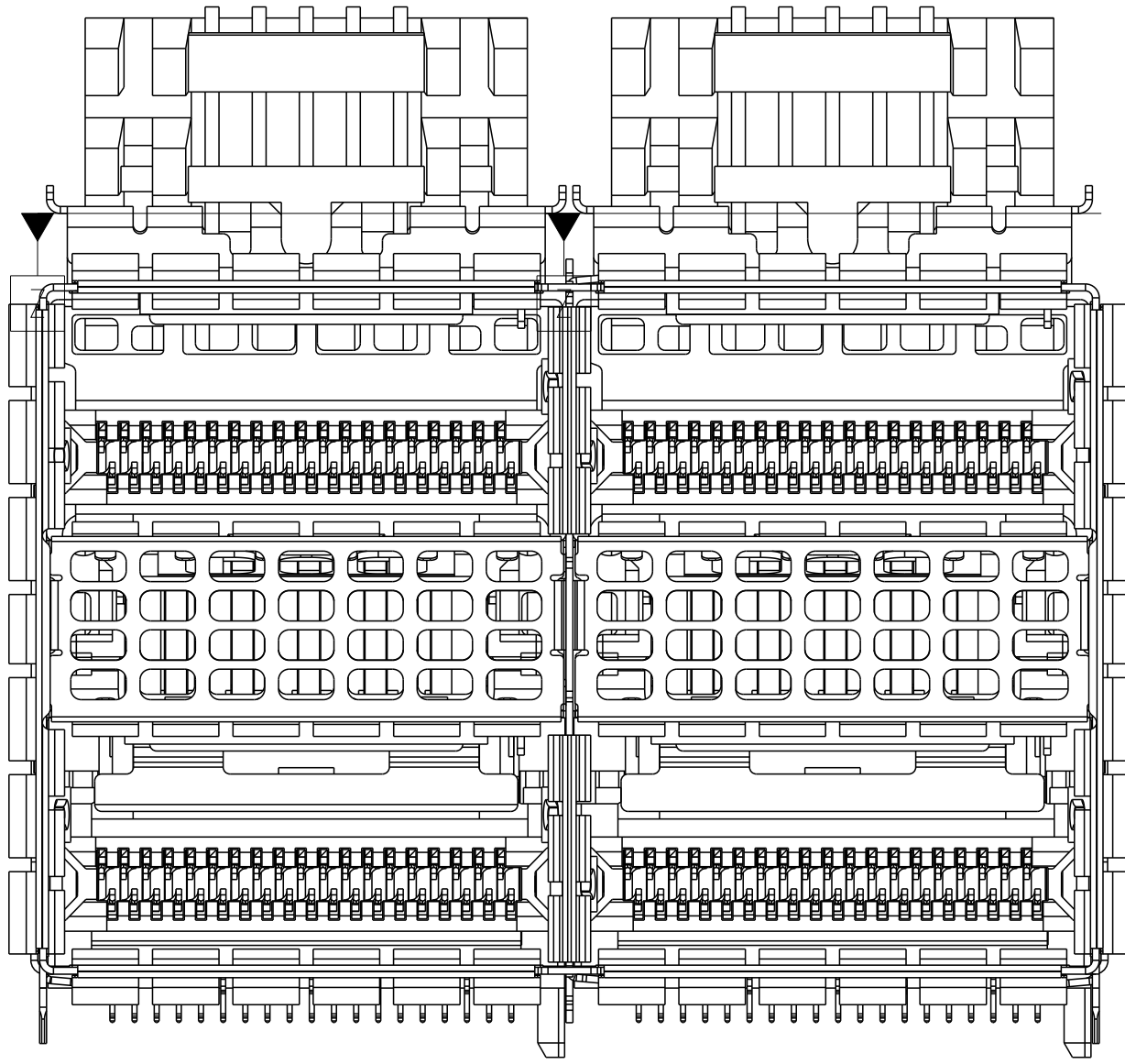
This technical drawing shows a symmetrical elevation of a building facade. The central vertical axis divides the facade into two mirror-image halves. The facade features multiple levels of windows and doors. The upper levels have smaller, more uniform windows, while the lower levels feature larger, more complex window units, some of which appear to be double doors or large windows with internal divisions. The drawing uses fine lines to represent architectural details like moldings, sills, and structural elements. The overall style is that of a traditional architectural plan or elevation.



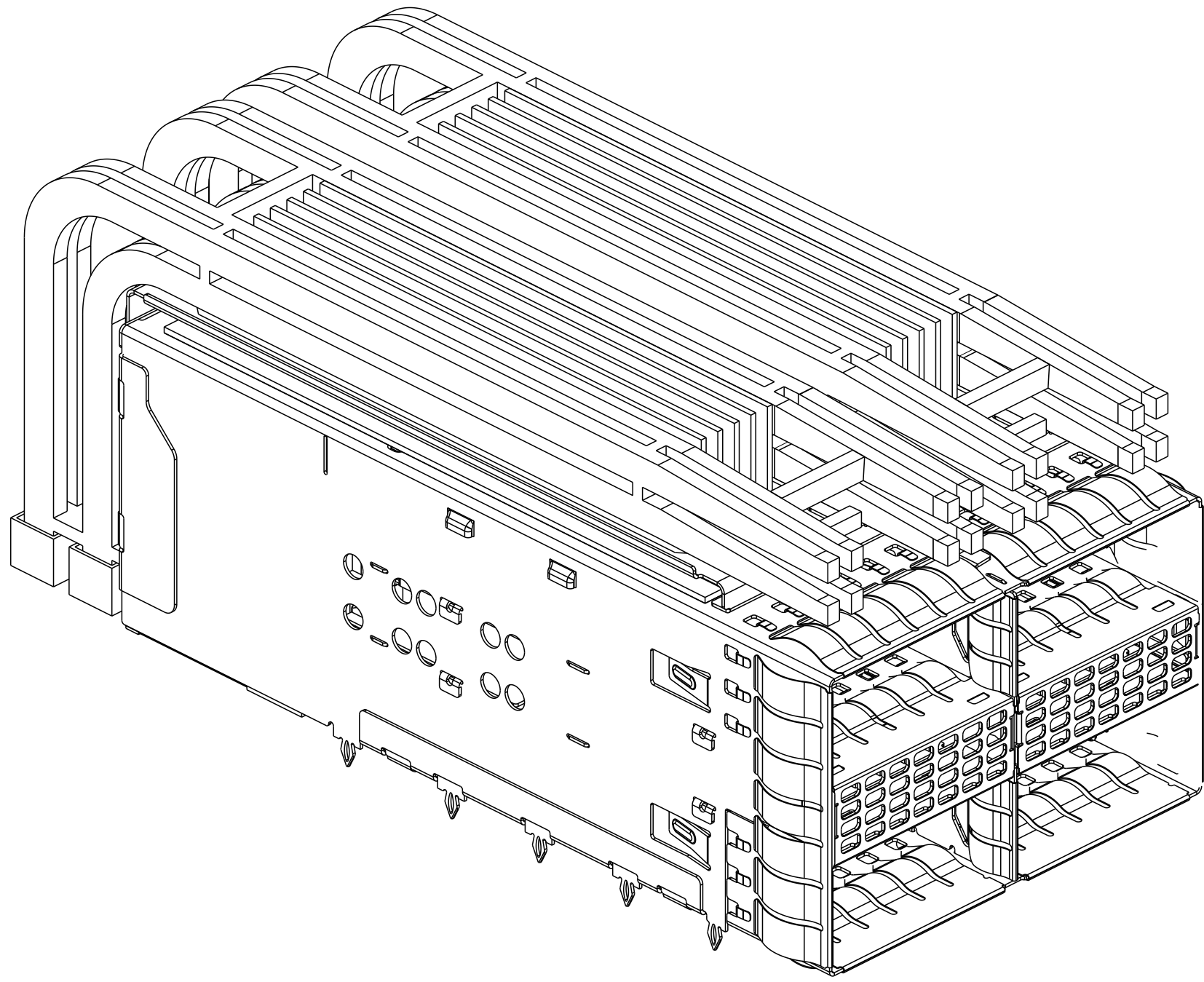
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 17AUG2016 TIM XUF 17AUG2016 SEAN HAN APPR SEAN HAN 17AUG2016		E 5:2 STE TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		PRODUCT SPEC		zOSFP+ 2X2 4 INTERNAL LIGHT PIPES	
		108-60102		WITH EMI SPRING FINGERS,	
		APPLICATION SPEC		BELLY TO BELLY APPLICATION	
		114-60015		SIZE	
		FINISH		CAGE CODE	
MATERIAL		WEIGHT		DRAWING NO	
SEE NOTE 1		SEE NOTE 2		RESTRICTED TO	
		CUSTOMER DRAWING		A1 100779 C-2308171	
				SCALE 1:1 SHEET 5 OF 11 REV D10	

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

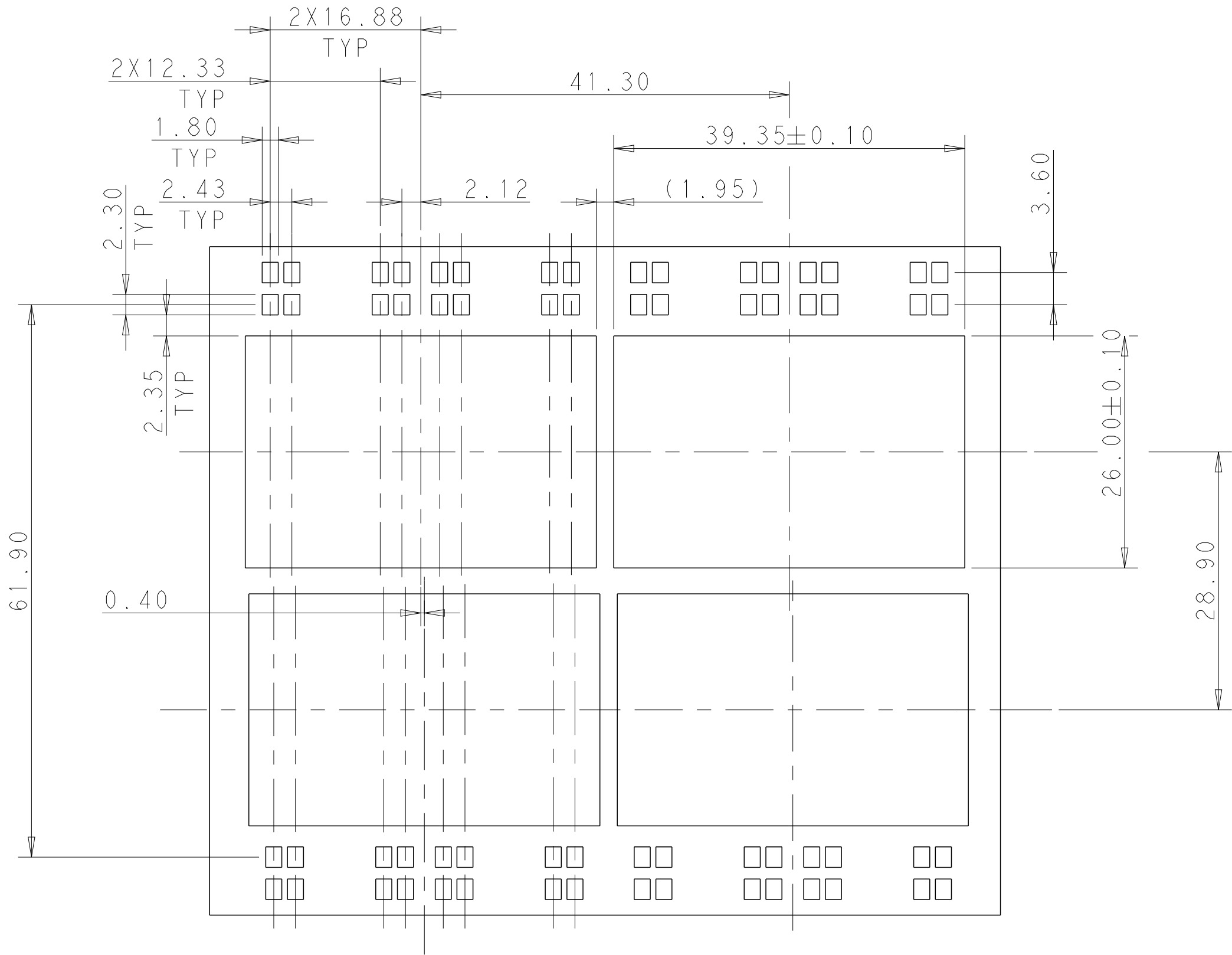
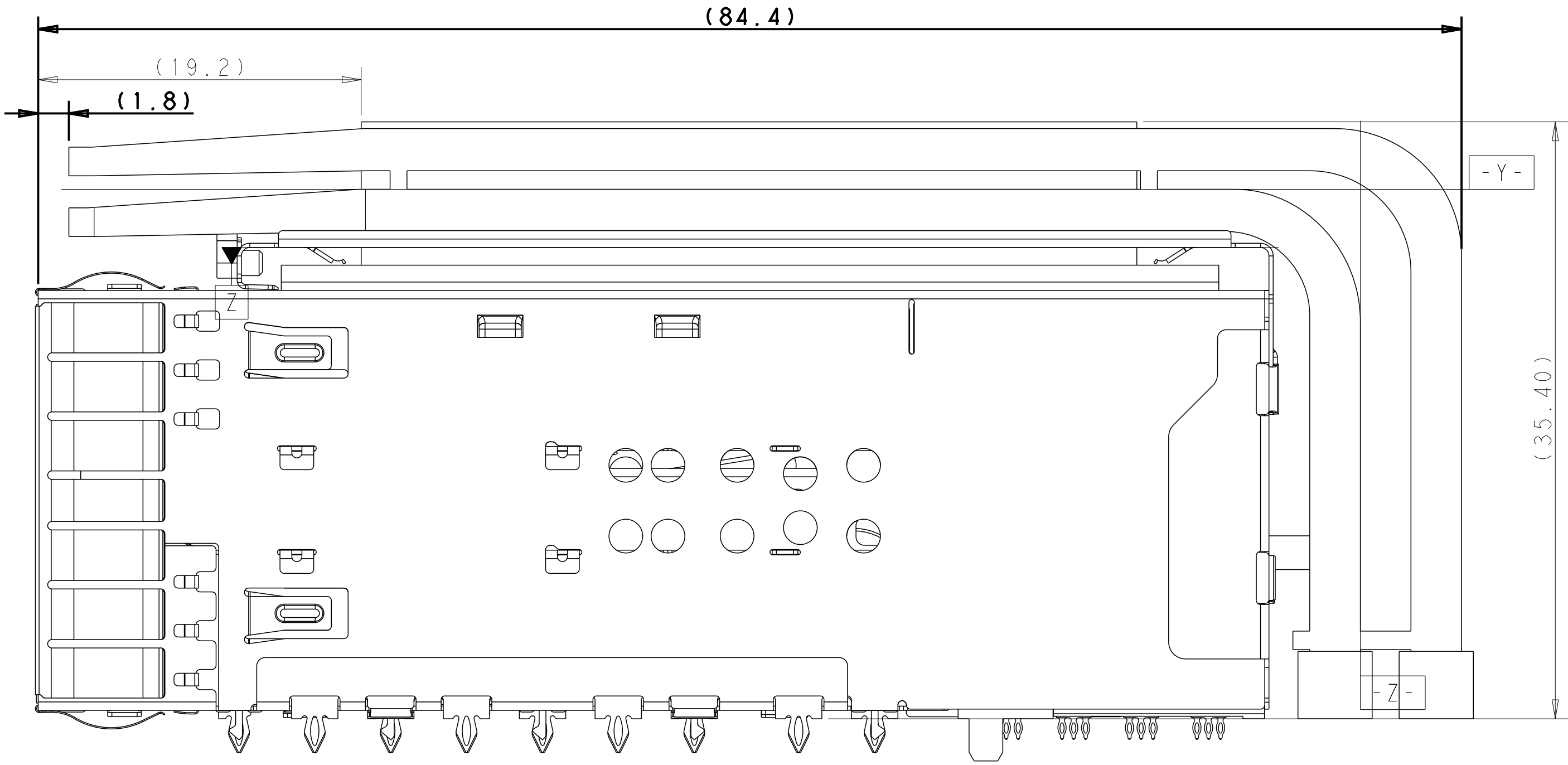
2-2308171-1 AS SHOWN



2-2308171-1
SCALE 4:1

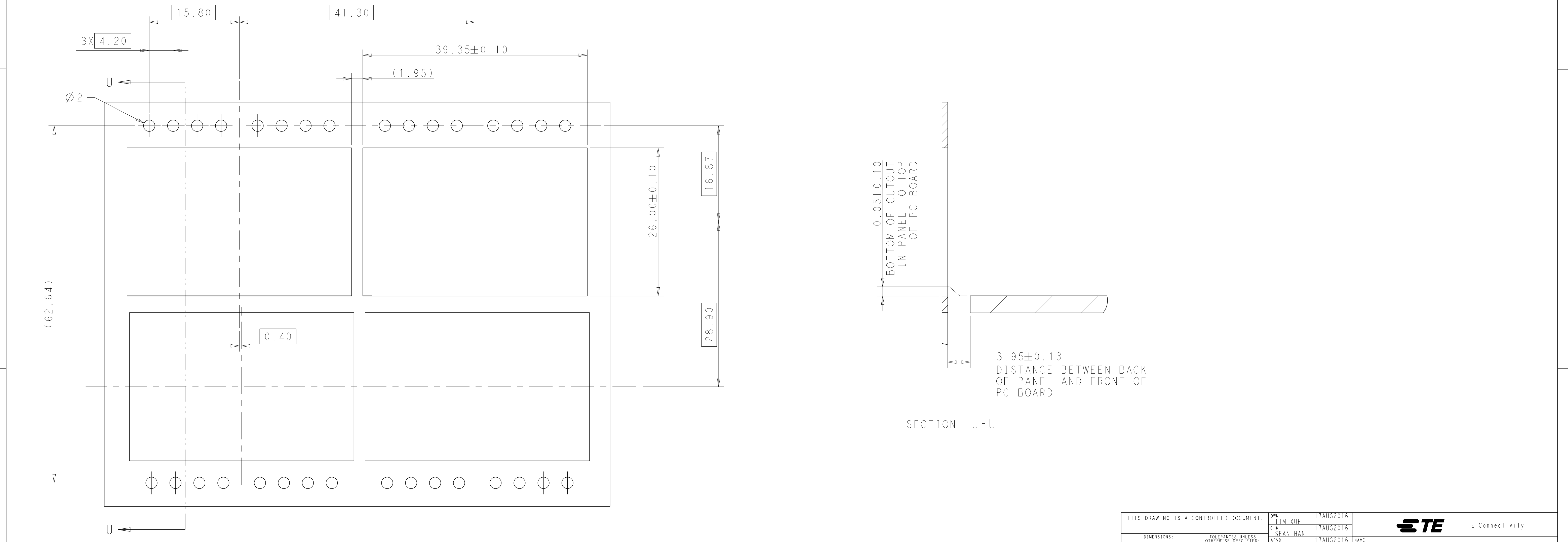
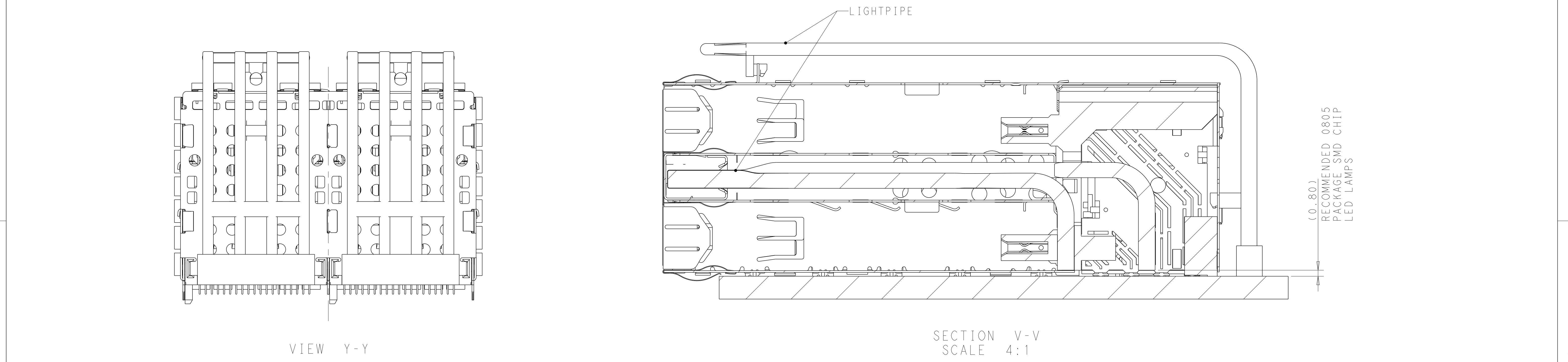


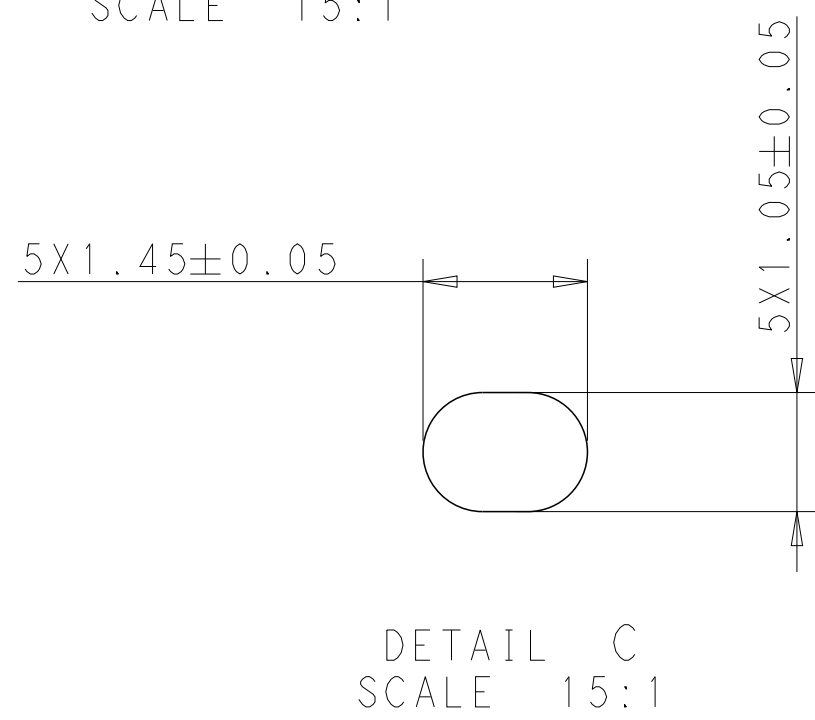
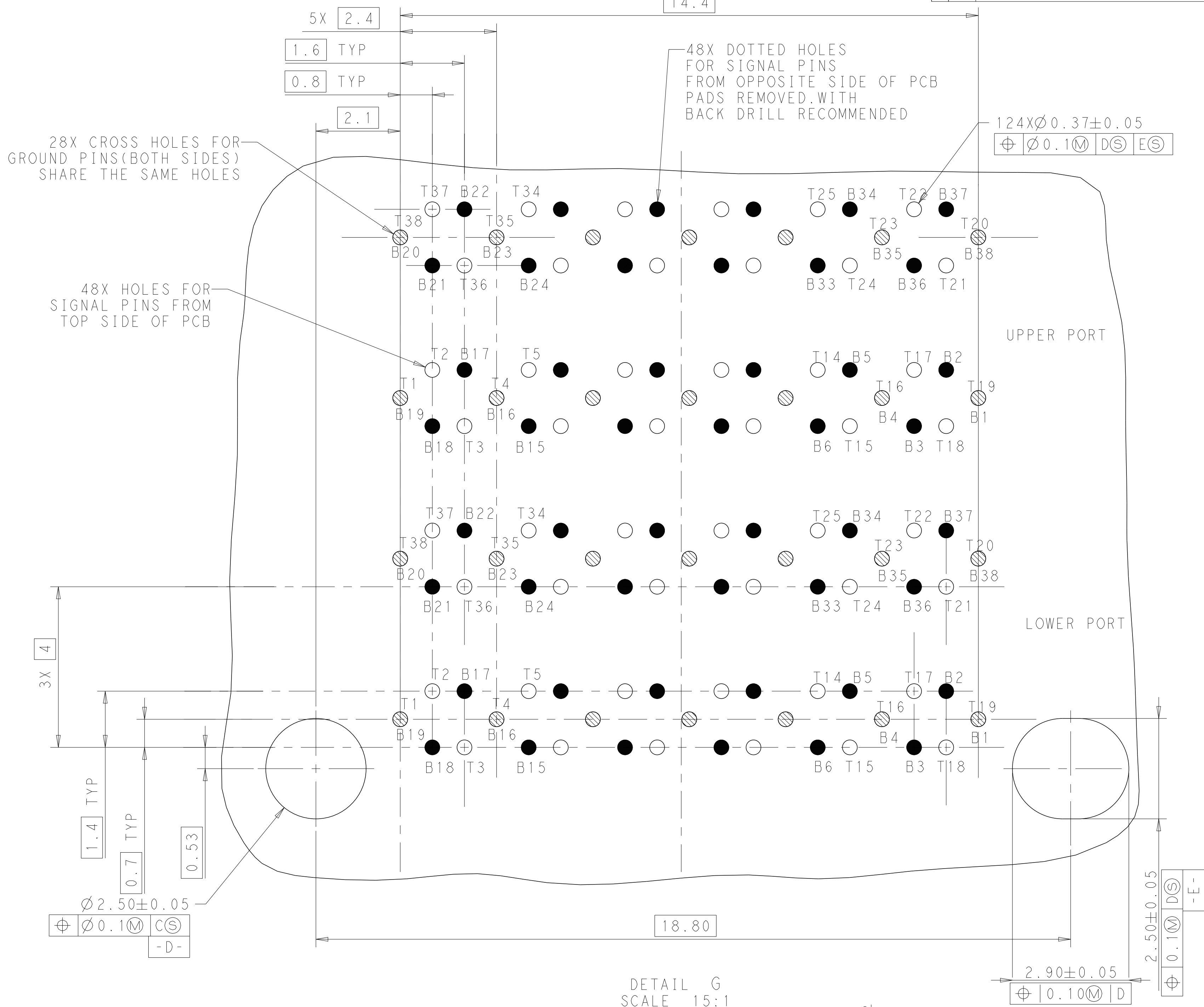
SCALE 5:2



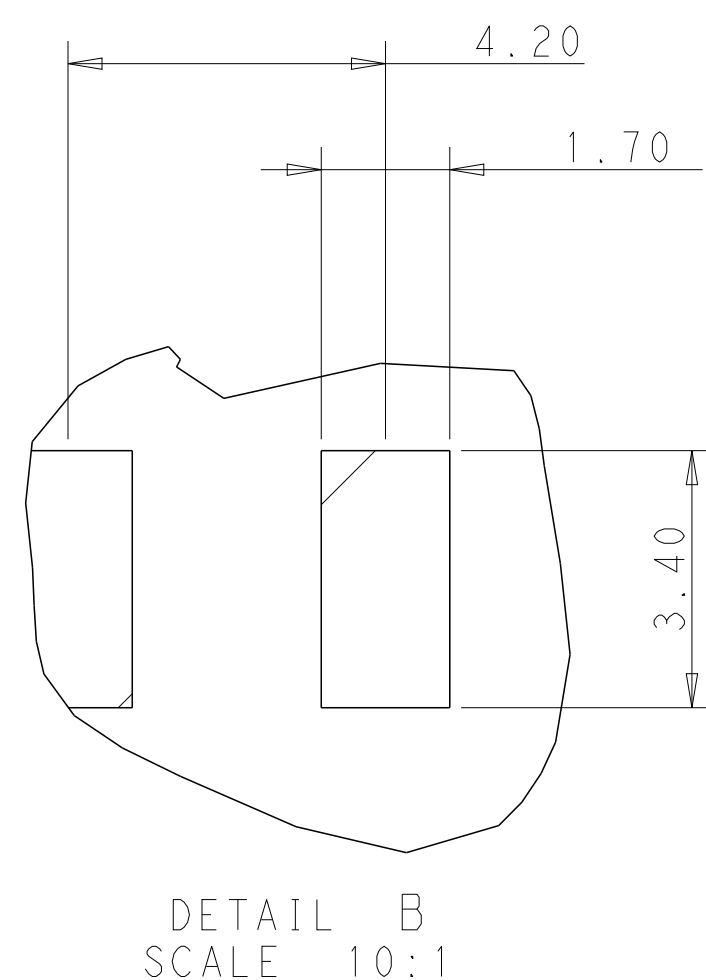
2-2308171-1 PANEL
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TIM XUE	17AUG2016	TE Connectivity zQSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS. BELLY TO BELLY APPLICATION			
DIMENSIONS:		CHK	SEAN HAN	17AUG2016				
mm		APVD	SEAN HAN	17AUG2016	NAME			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC			
		0 PLC			108-60102			
		1 PLC			APPLICATION SPEC			
		2 PLC			114-60015			
MATERIAL		FINISH			WEIGHT			
SEE NOTE 1		SEE NOTE 2			CUSTOMER DRAWING			
					SIZE			
					A100779C=2308171			
					RESTRICTED TO			
					SCALE 1:1 SHEET 6 OF 11 REV D10			





THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: TIM XUE 17AUG2016 CHG: 17AUG2016 SEAN HAN APD: 17AUG2016		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±: 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±: 4 PLC ±: ANGLES ±: FINISH		NAME: zQSP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS; BELLY TO BELLY APPLICATION	
		PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015 WEIGHT: -		SIZE: CAGE CODE: DRAWING NO: A100779 C2308171	
MATERIAL: SEE NOTE 1		SEE NOTE 2		RESTRICTED TO: -	
		CUSTOMER DRAWING		SCALE: 1:1 SHEET 8 OF 11 REV: 1	



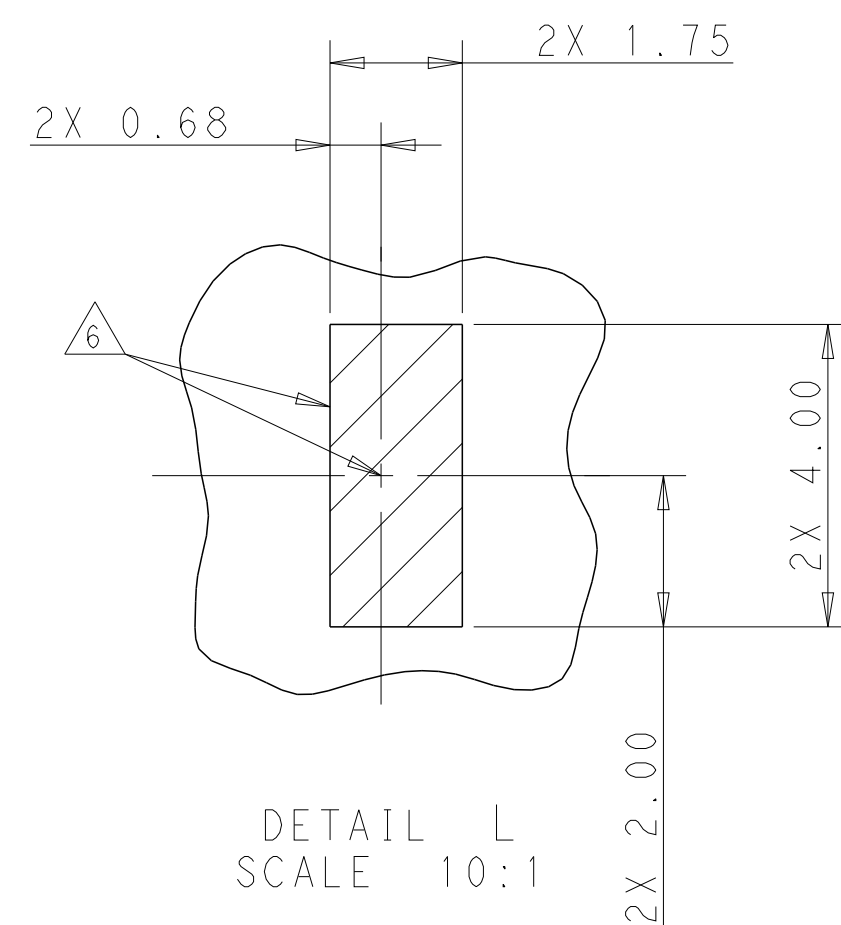
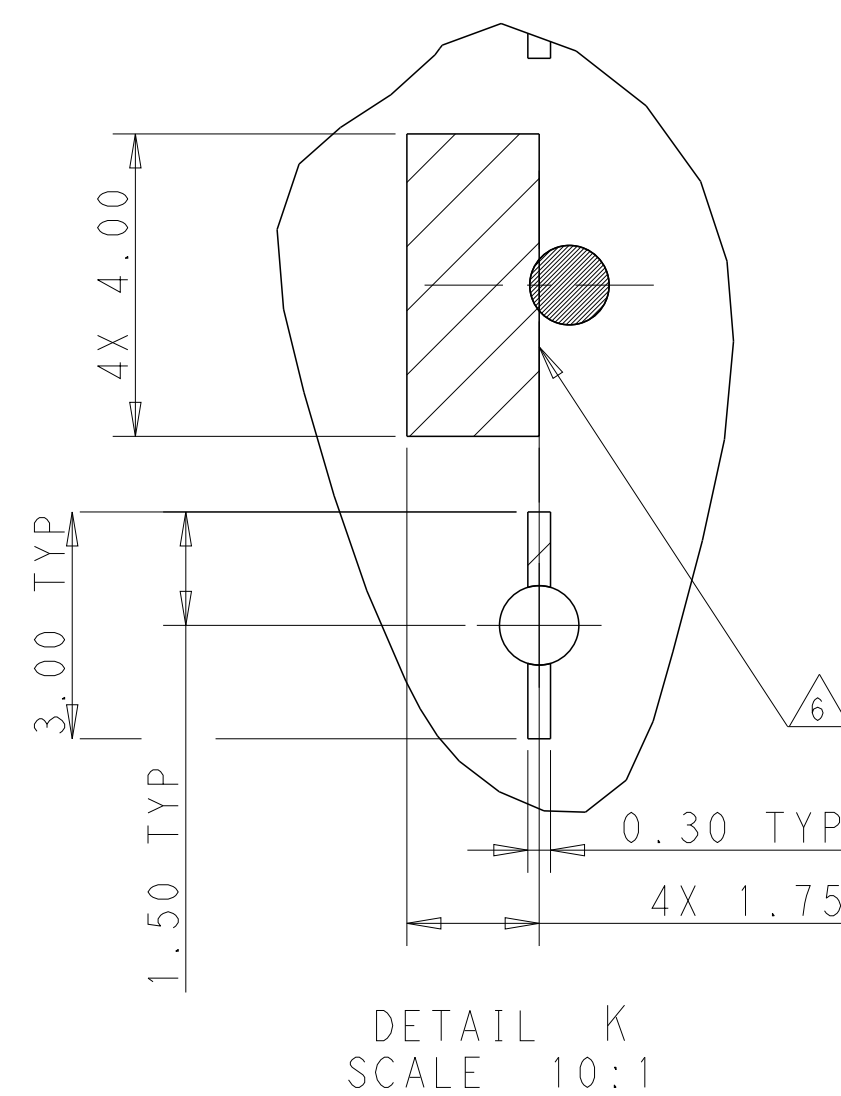
Technical drawing of Detail J, LED Pads. The drawing shows a cross-section of a component with a central circular feature and a rectangular pad. Dimensions are provided in millimeters (mm) and inches (in). The scale is 10:1.

Dimensions:

- Top horizontal dimension: 1.98
- Top horizontal dimension: 4X 0.60
- Left vertical dimension: 4X 3.30
- Right vertical dimension: 4X 2.00
- Right vertical dimension: 4X 6.00
- Bottom horizontal dimension: 4X 1.70
- Bottom vertical dimension: 4X 2.60

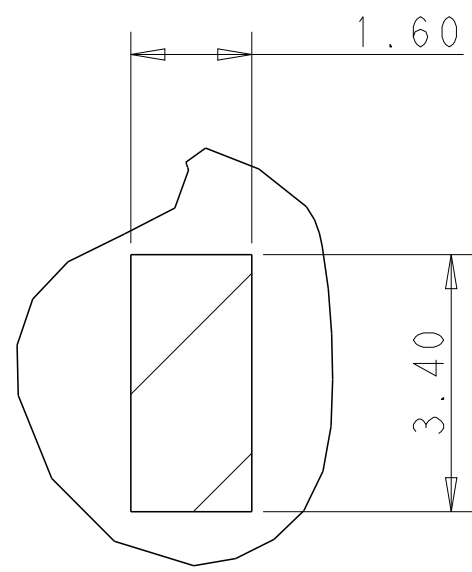
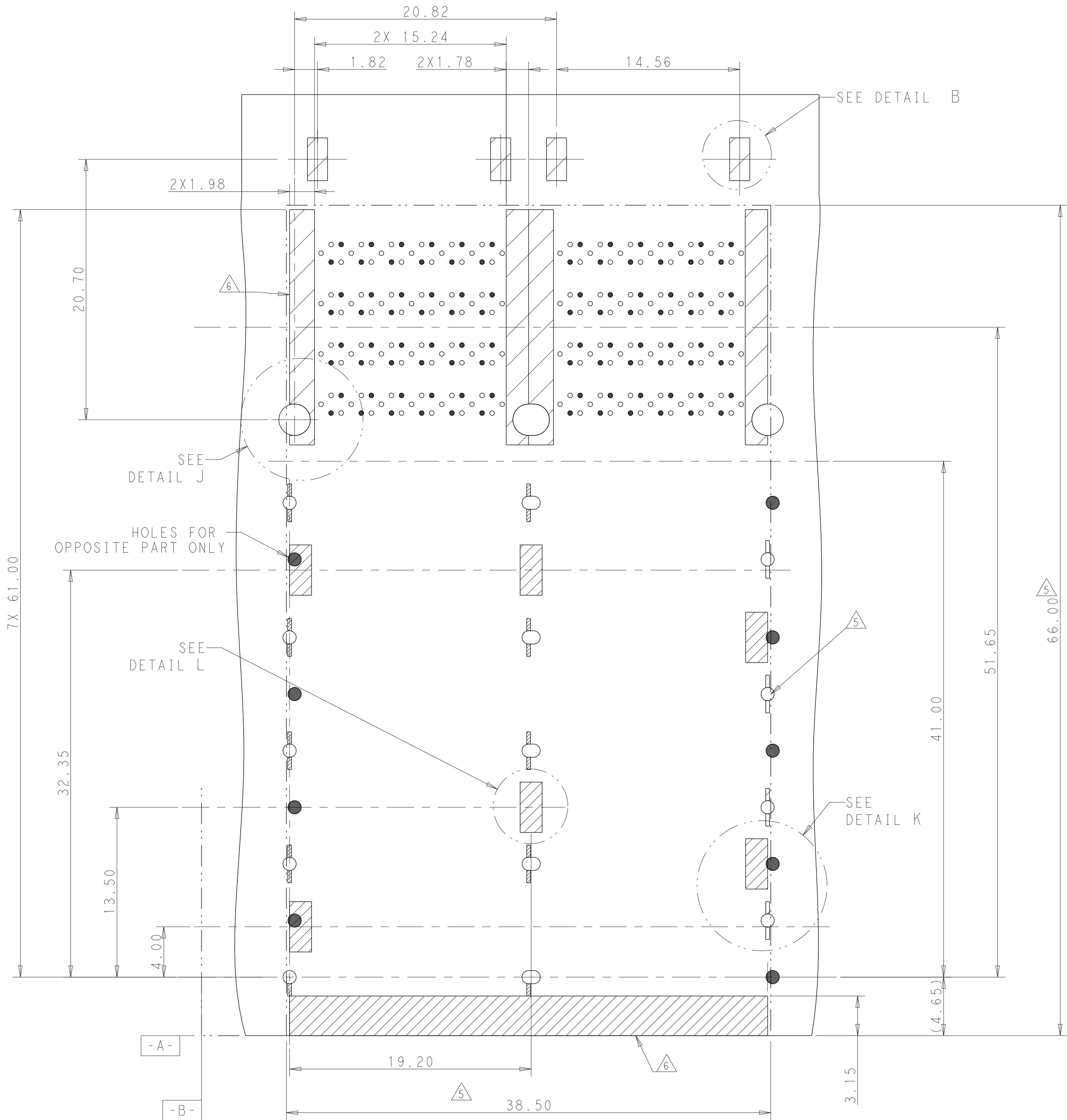
Scale: 10:1

Detail J
LED PADS
SCALE 10:1

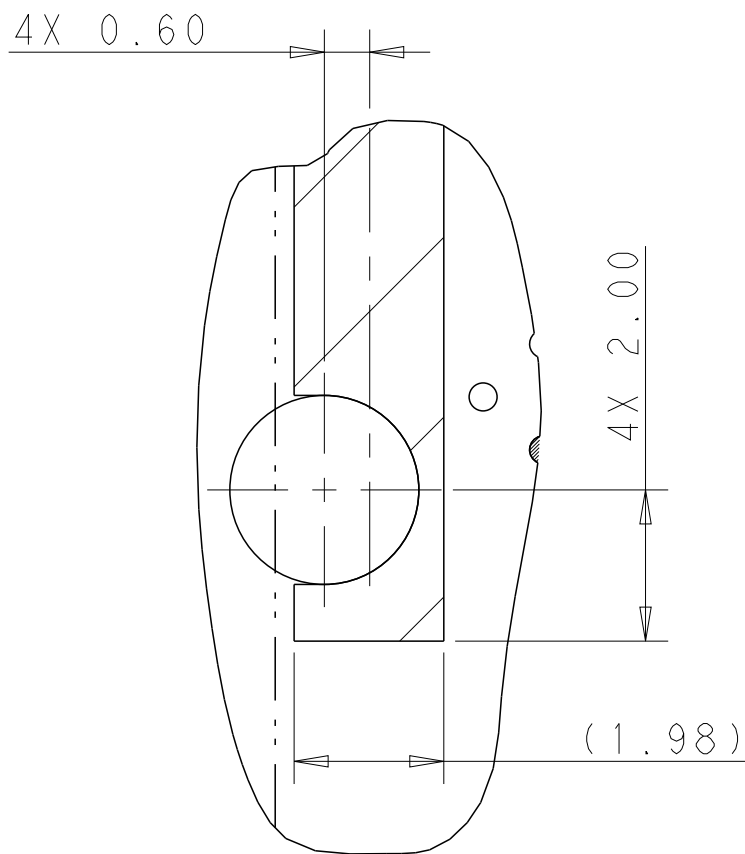


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: 17AUG2016 TIM XUE CHR: 17AUG2016 SEAN HAN APVD: 17AUG2016 SEAN HAN		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ± MATERIAL FINISH		NAME zOSFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
		PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015		SIZE A1	
SEE NOTE 1		SEE NOTE 2		CAGE CODE 100779	
		CUSTOMER DRAWING		DRAWING NO C=2308171	
		WEIGHT -		RESTRICTED TO -	
				SCALE 1:1	
				SHEET 9 of 11	
				REV 10	

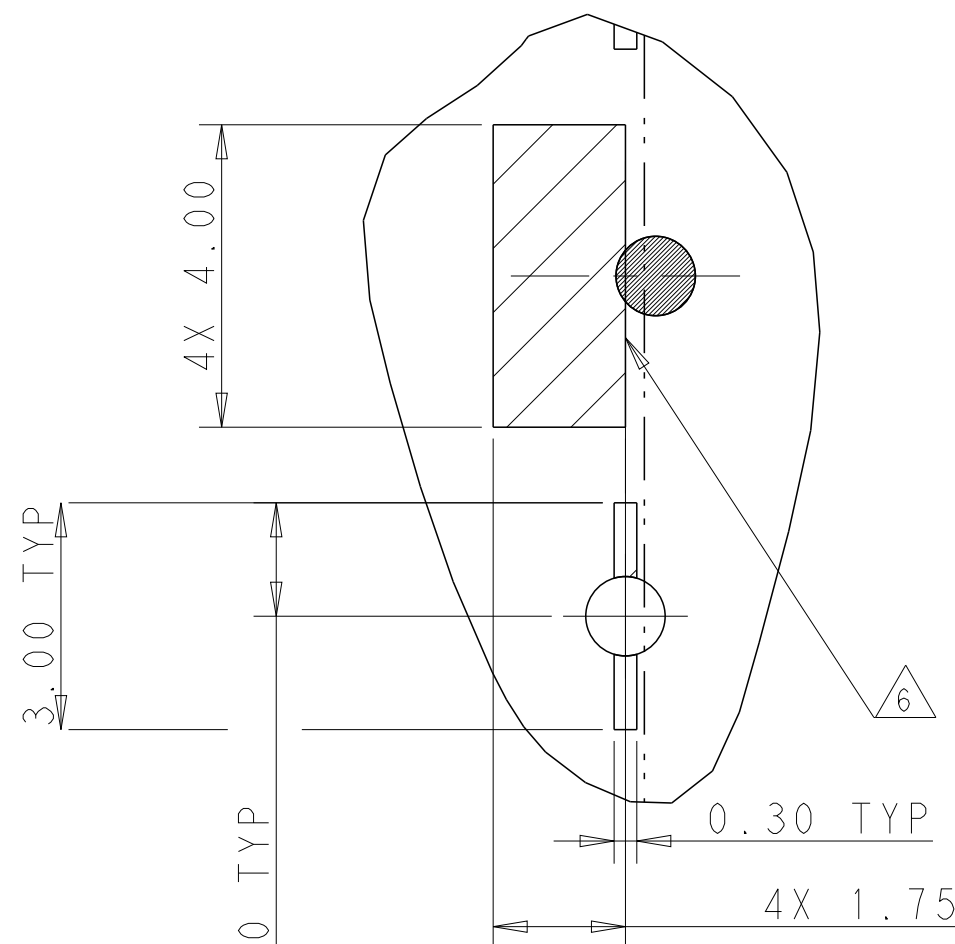
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



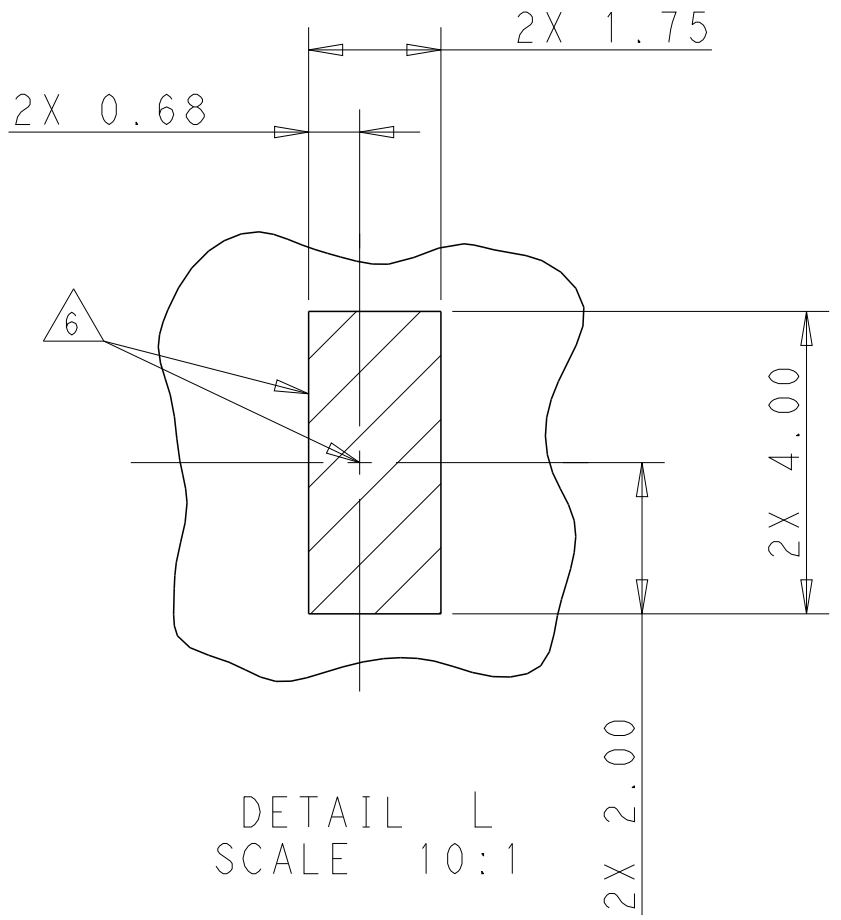
DETAIL B
SCALE 10:1



DETAIL J
LED PADS
SCALE 10:1



DETAIL K
SCALE 10:1

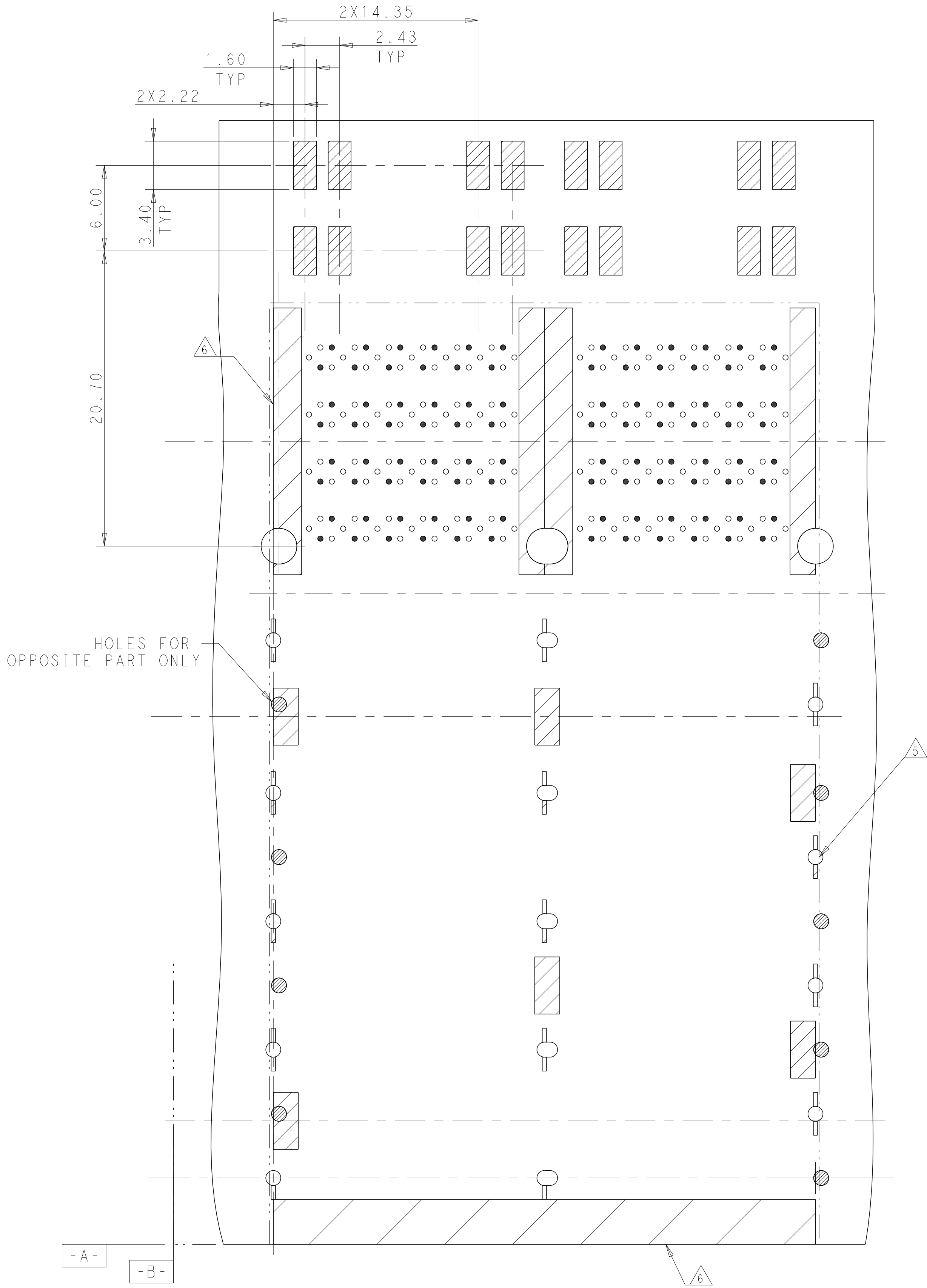


DETAIL L
SCALE 10:1

KEEPOUT AREAS OF 2-2308171-0
TOP COMPONENT SIDE OF BOARD
(PCB TOLERANCE ±0.05)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 17AUG2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 17AUG2016		
mm		APVD SEAN HAN 17AUG2016		
		PRODUCT SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		108-60102	NAME zQSFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
0 PLC ±.25 1 PLC ±0.20 2 PLC ±.20 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH ±.		APPLICATION SPEC		
MATERIAL SEE NOTE 1		114-60015	SIZE A1	CAGE CODE 00779
SEE NOTE 2		WEIGHT -	DRAWING NO C=2308171	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 1:1	SHEET 10	OF 11
			REV D	10

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



KEEPOUT AREAS OF 2-2308171-1
TOP COMPONENT SIDE OF BOARD
UNSPECIFIED SPEC,REFER TO
2-2308171-0 PCB LAYOUT

(PCB TOLERANCE ± 0.05)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	17AUG2016	 TE Connectivity	
		CHK SEAN HAN	17AUG2016		
DIMENSIONS:		APVD SEAN HAN	17AUG2016	NAME	
mm		PRODUCT SPEC		zOSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS BELLY TO BELLY APPLICATION	
		108-60102			
		APPLICATION SPEC		SIZE	
		114-60015		CAGE CODE	
MATERIAL		WEIGHT		DRAWING NO	
SEE NOTE 1		-		A100779C=2308171	
		SEE NOTE 2		RESTRICTED TO	
		CUSTOMER DRAWING		SCALE	
				1:1	
				SHEET	
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