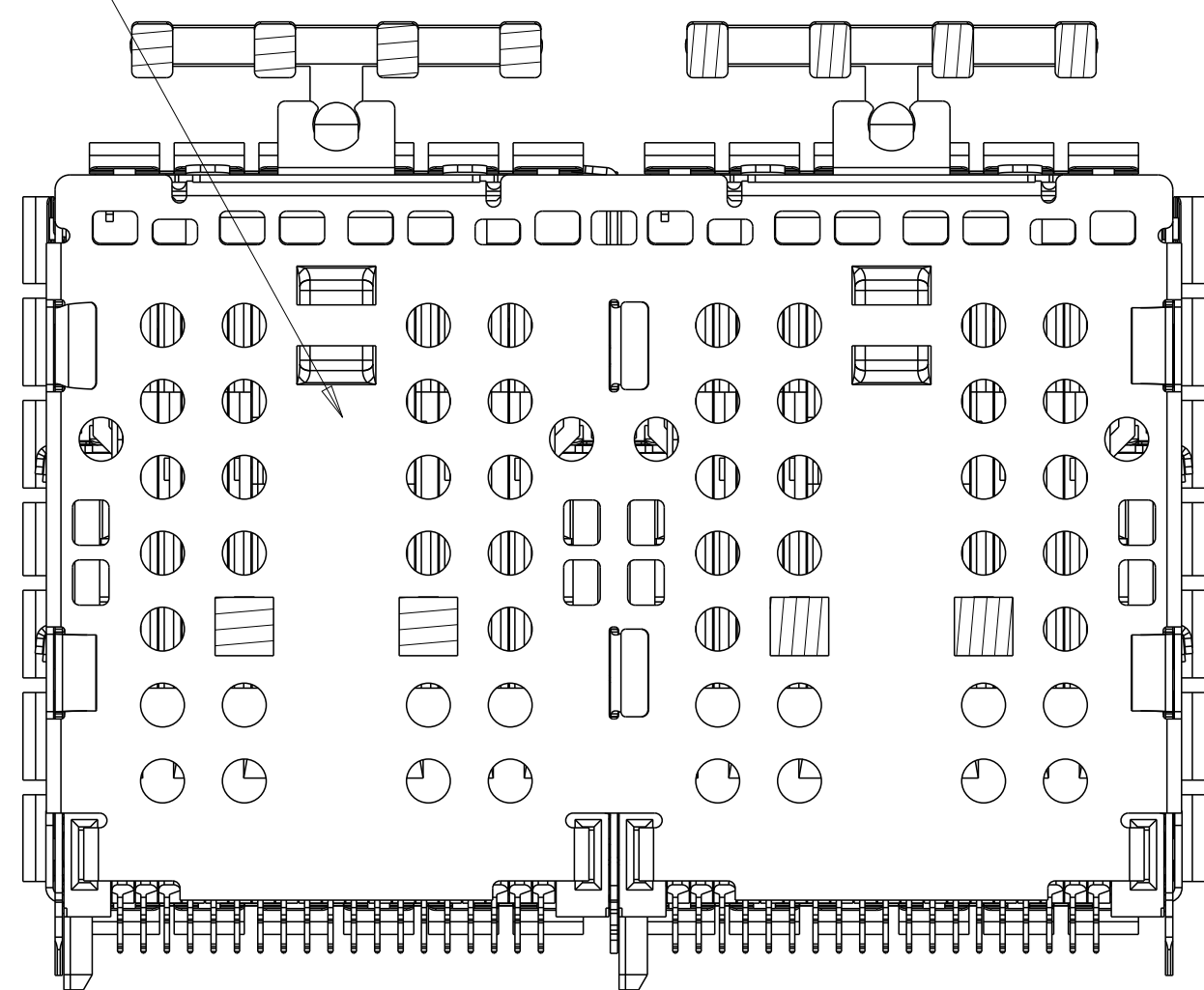
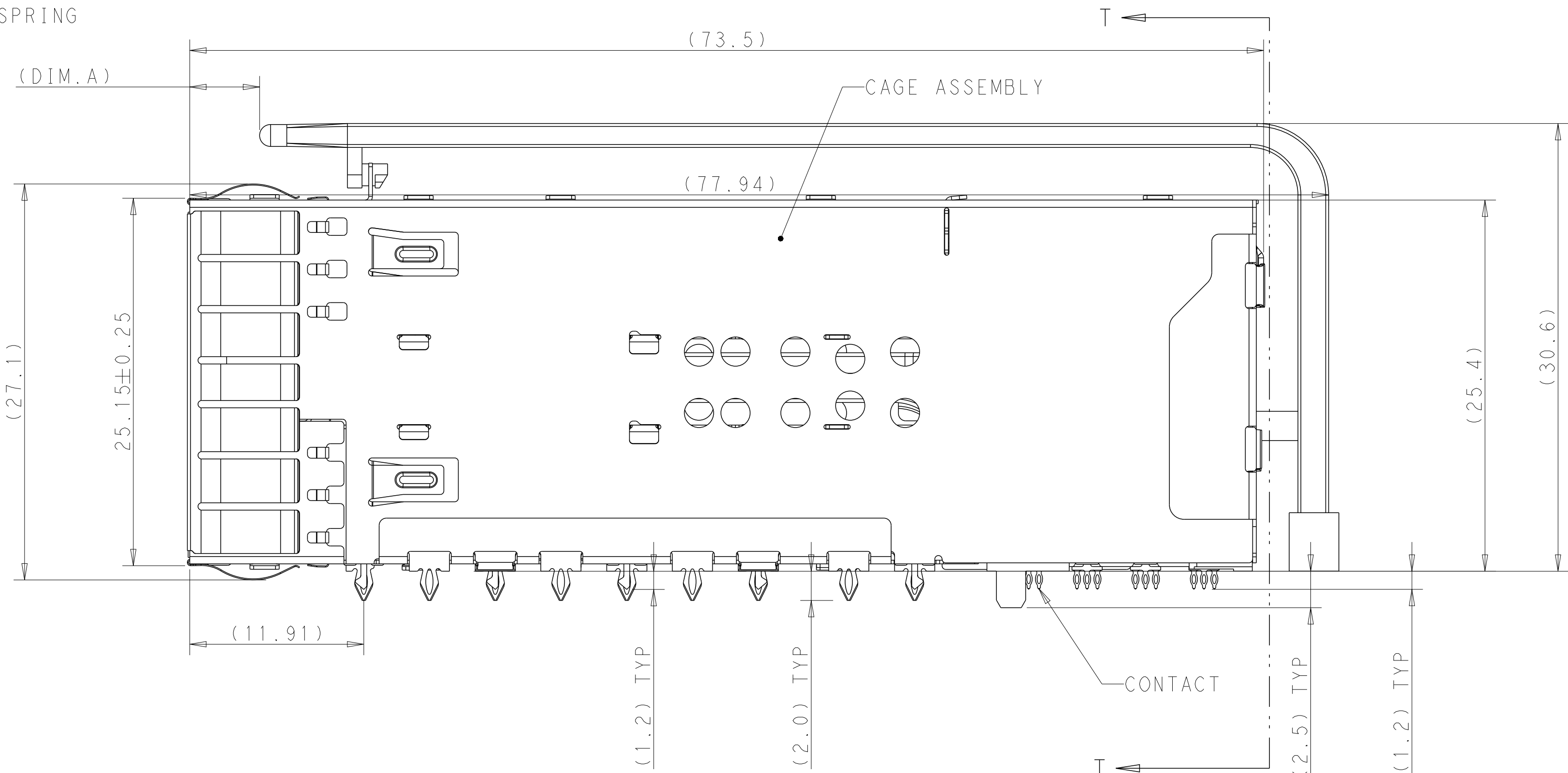
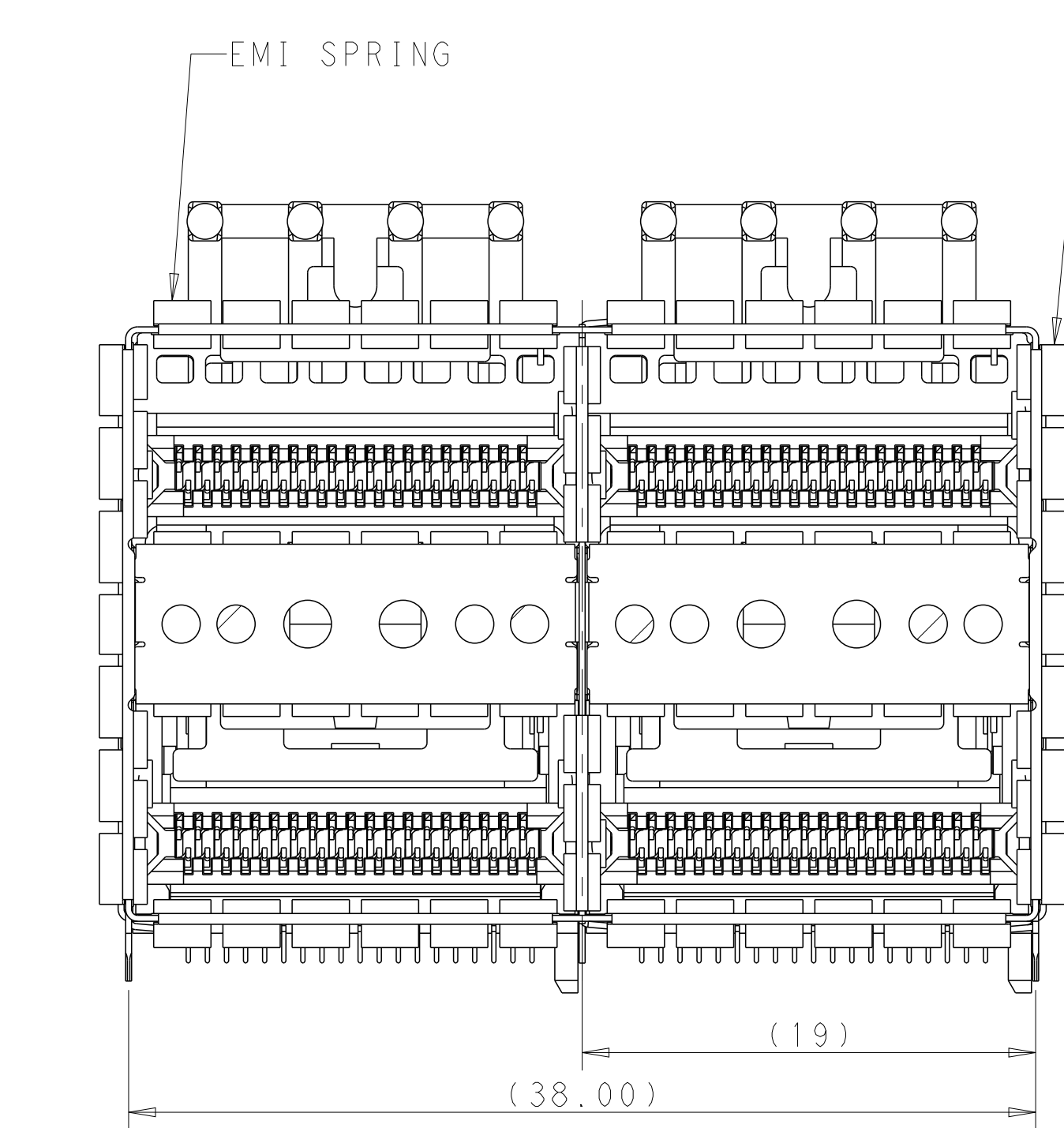
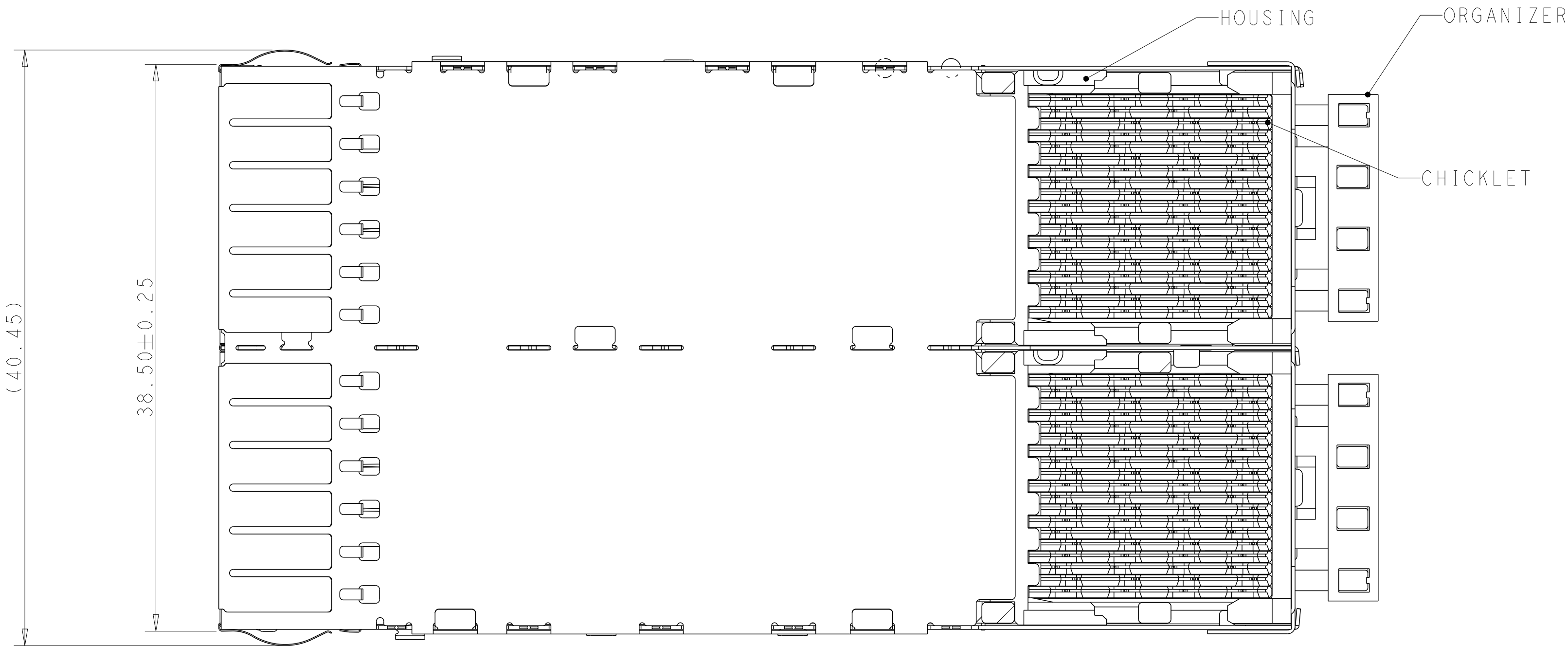




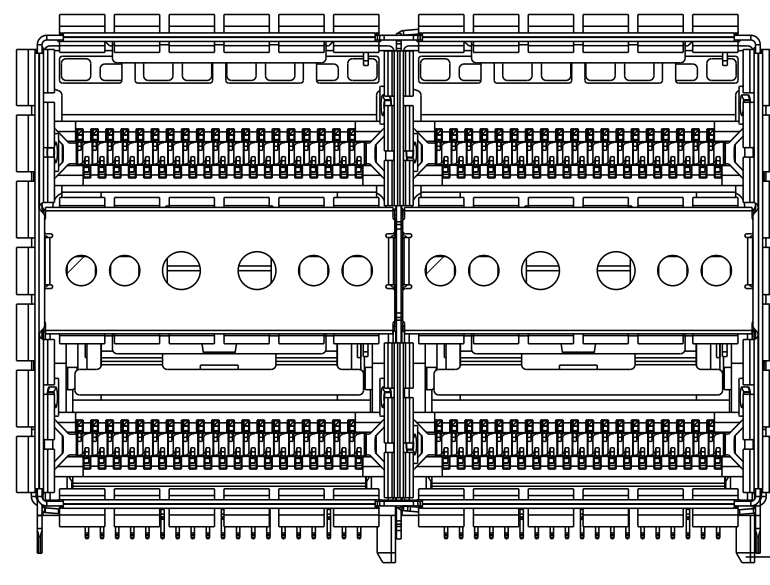
SECTION T-T



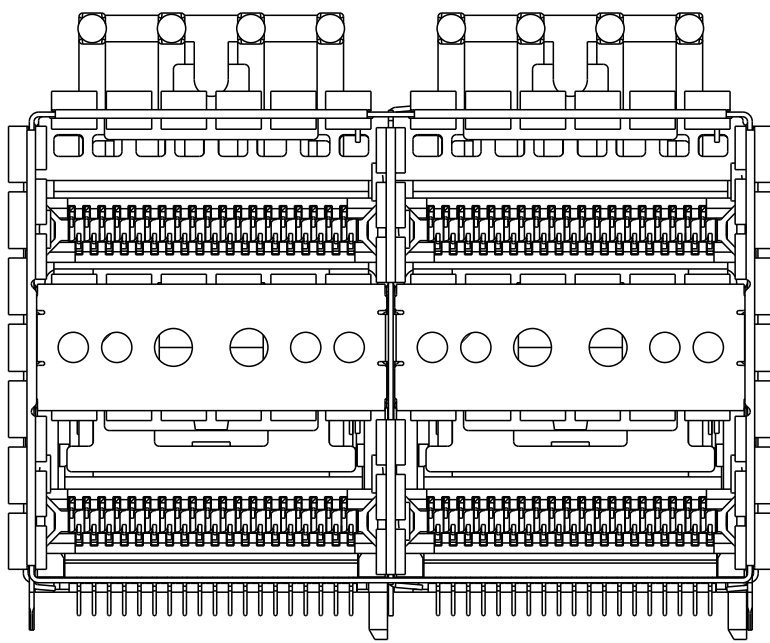
1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.

- 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.

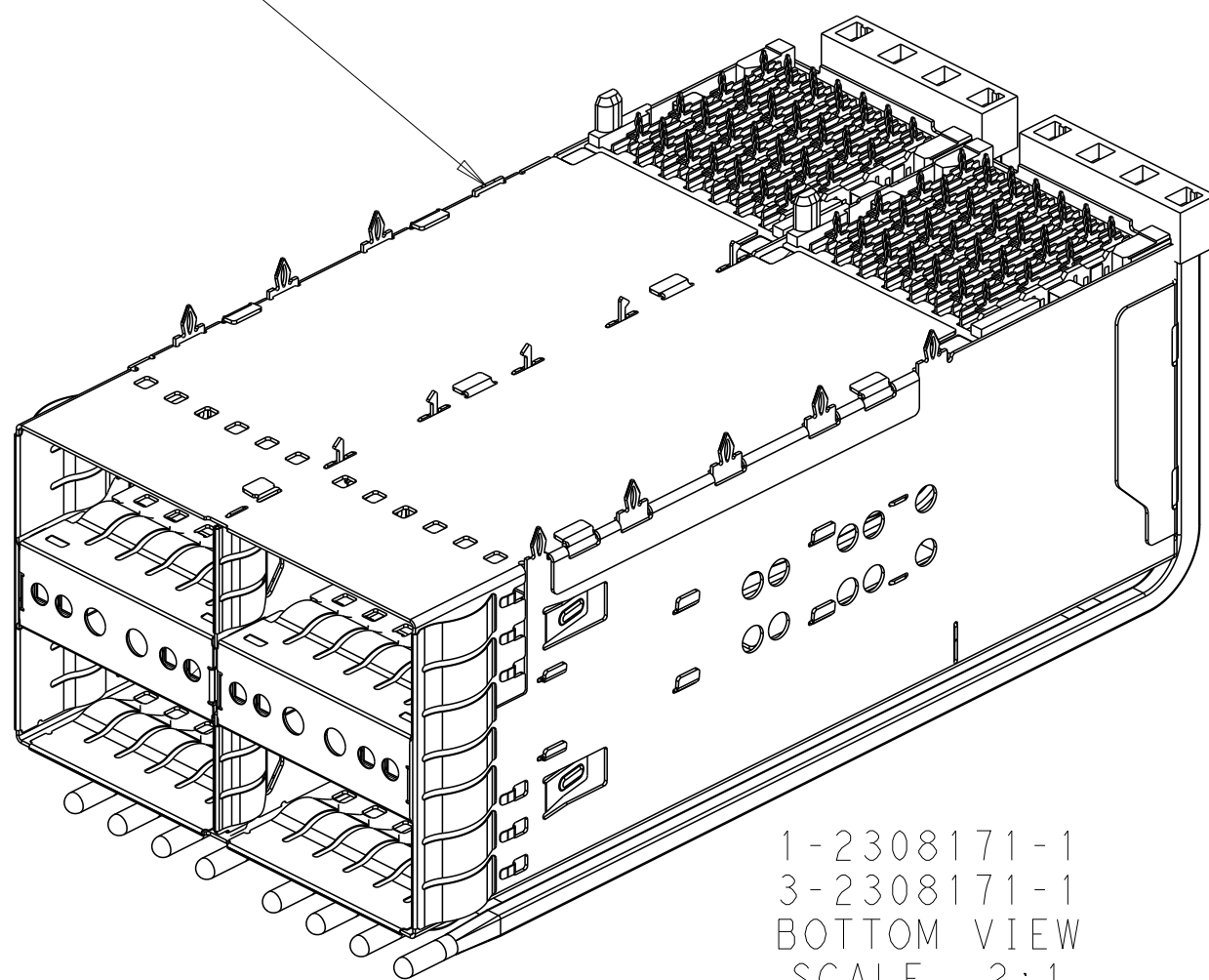
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	17AUG2016	TE Connectivity zQSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
		CHK	17AUG2016		
		SEAN HAN	17AUG2016		
		APVD	17AUG2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.1		PRODUCT SPEC	
		1 PLC ±0.25		108-60102	
		2 PLC ±0.20		APPLICATION SPEC	
		3 PLC ±.1		114-60015	
		4 PLC ±.1		WEIGHT	
		ANGLES ±.1		100779	
		FINISH		C=2308171	
MATERIAL		SEE NOTE 1		SIZE	
SEE NOTE 1		SEE NOTE 2		CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				SCALE	
				1:1	
				SHEET	
				1	
				OF	
				11	
				REV	
				D10	
				CUSTOMER DRAWING	



1-2308171-2
ALL ROUND INDICATOR
SCALE 5:2



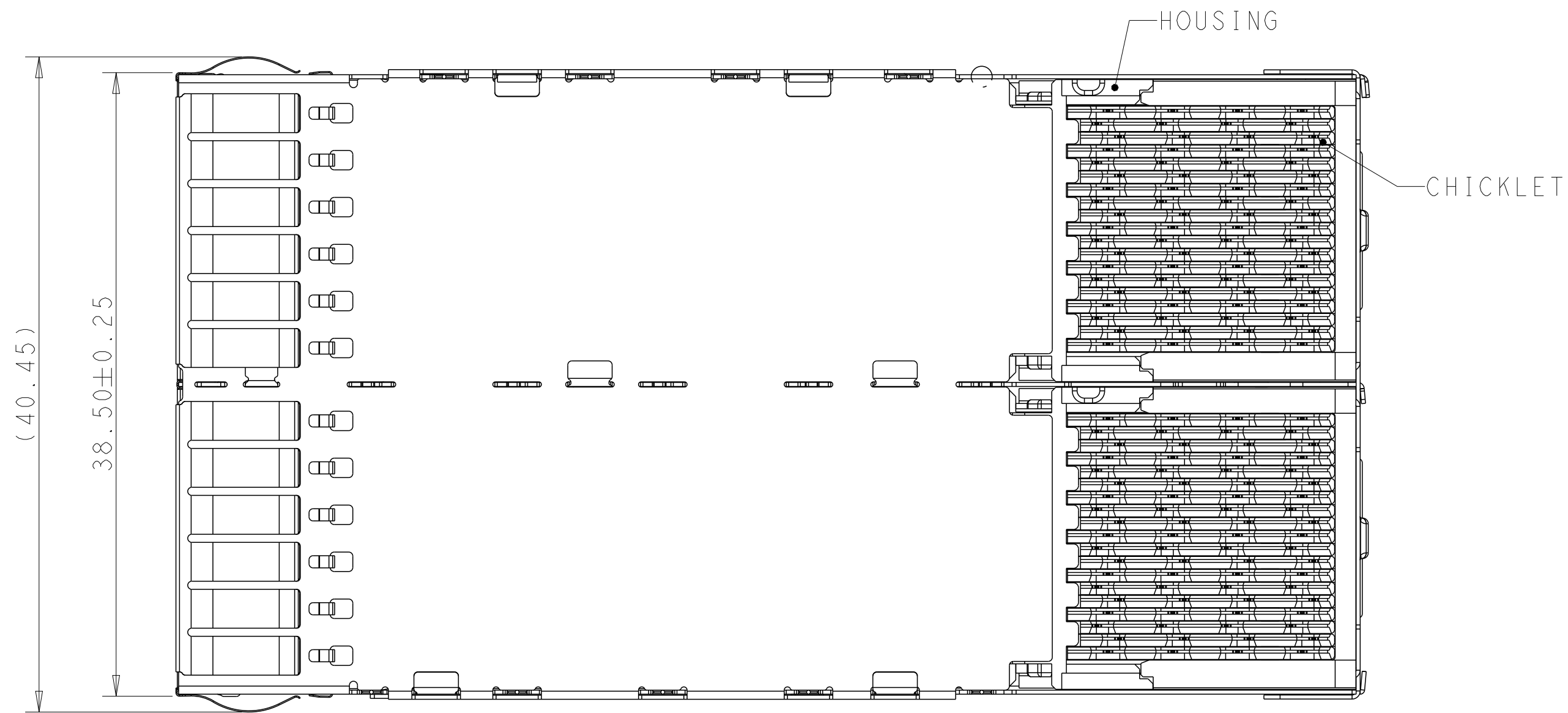
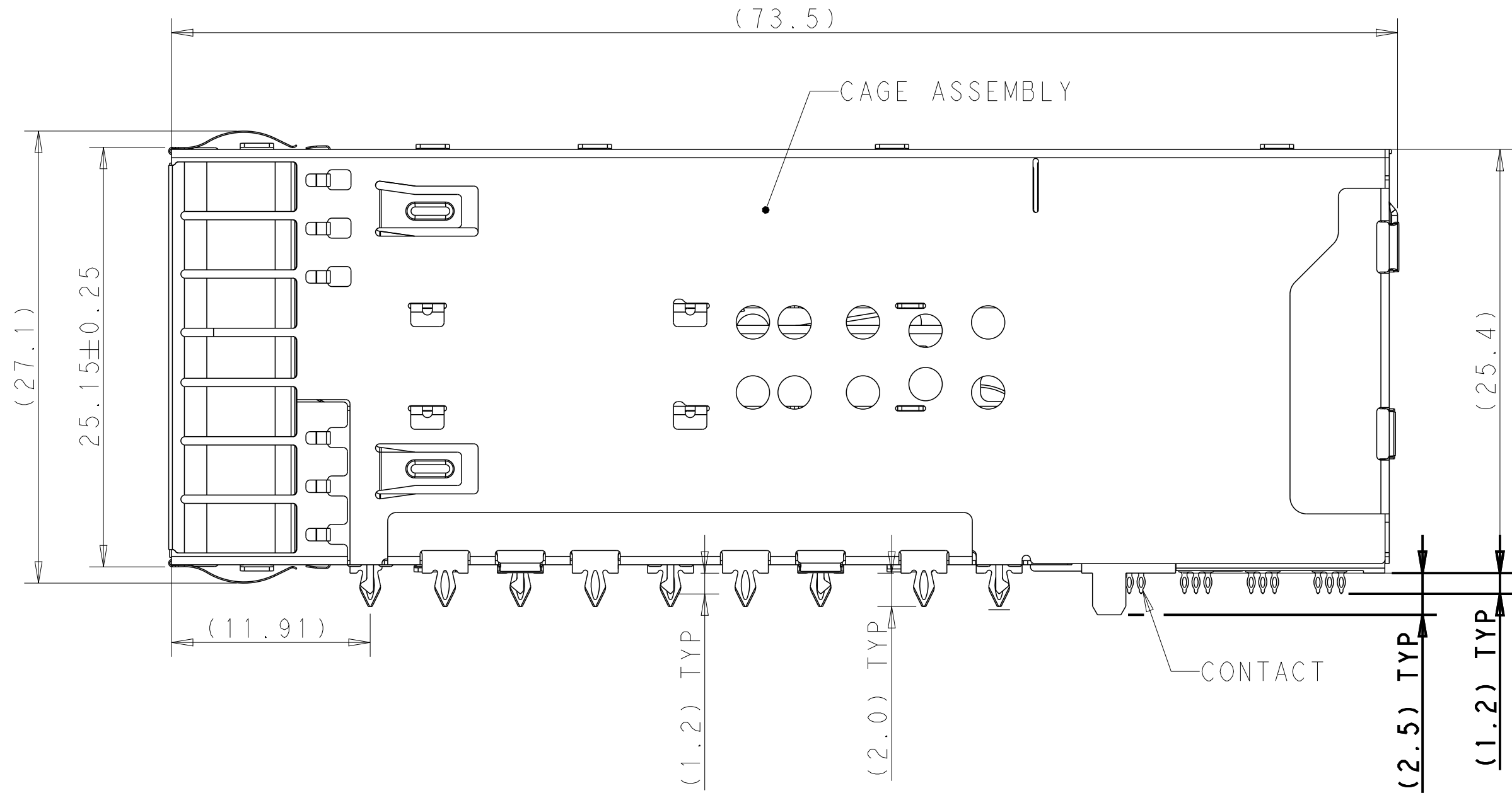
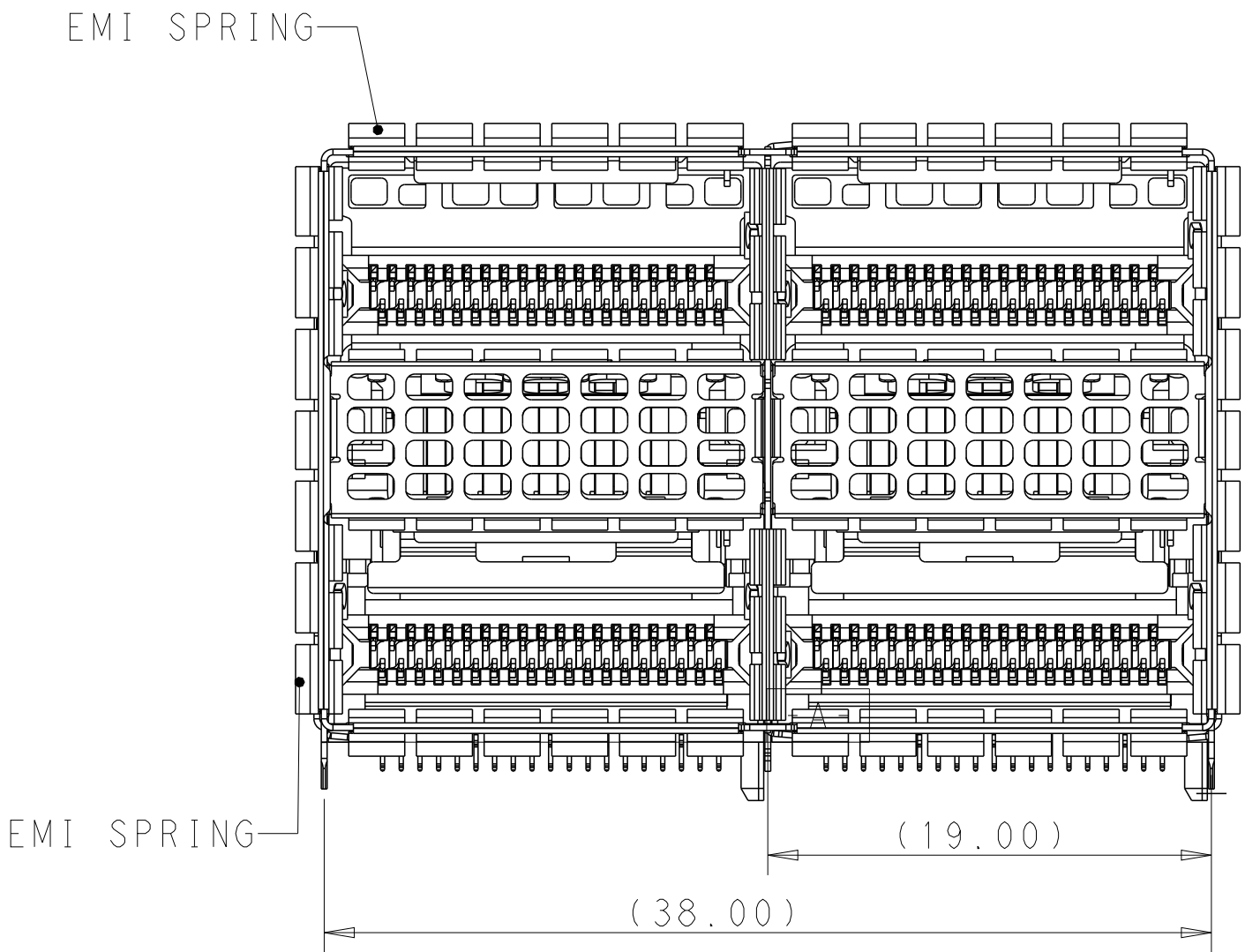
1-2308171-1
3-2308171-1
ALL ROUND INDICATOR, 4LP
WITHOUT BOTTOM EMI SPRINGS
SCALE 5:2



1-2308171-1
3-2308171-1
BOTTOM VIEW
SCALE 2:1

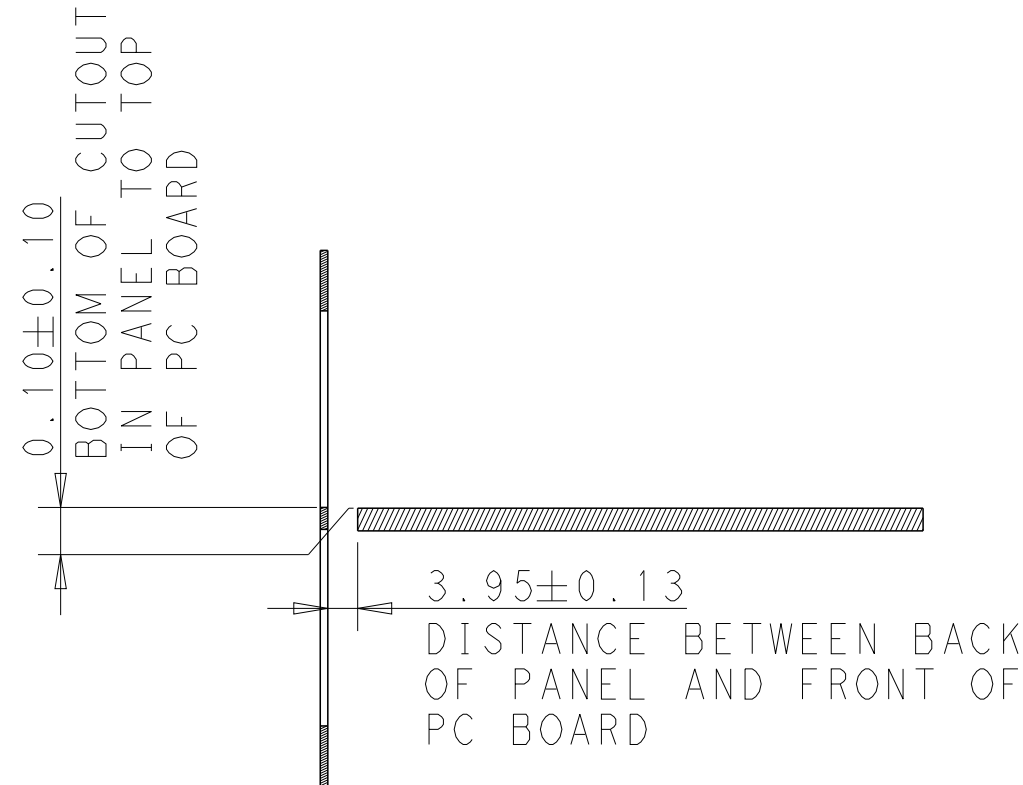
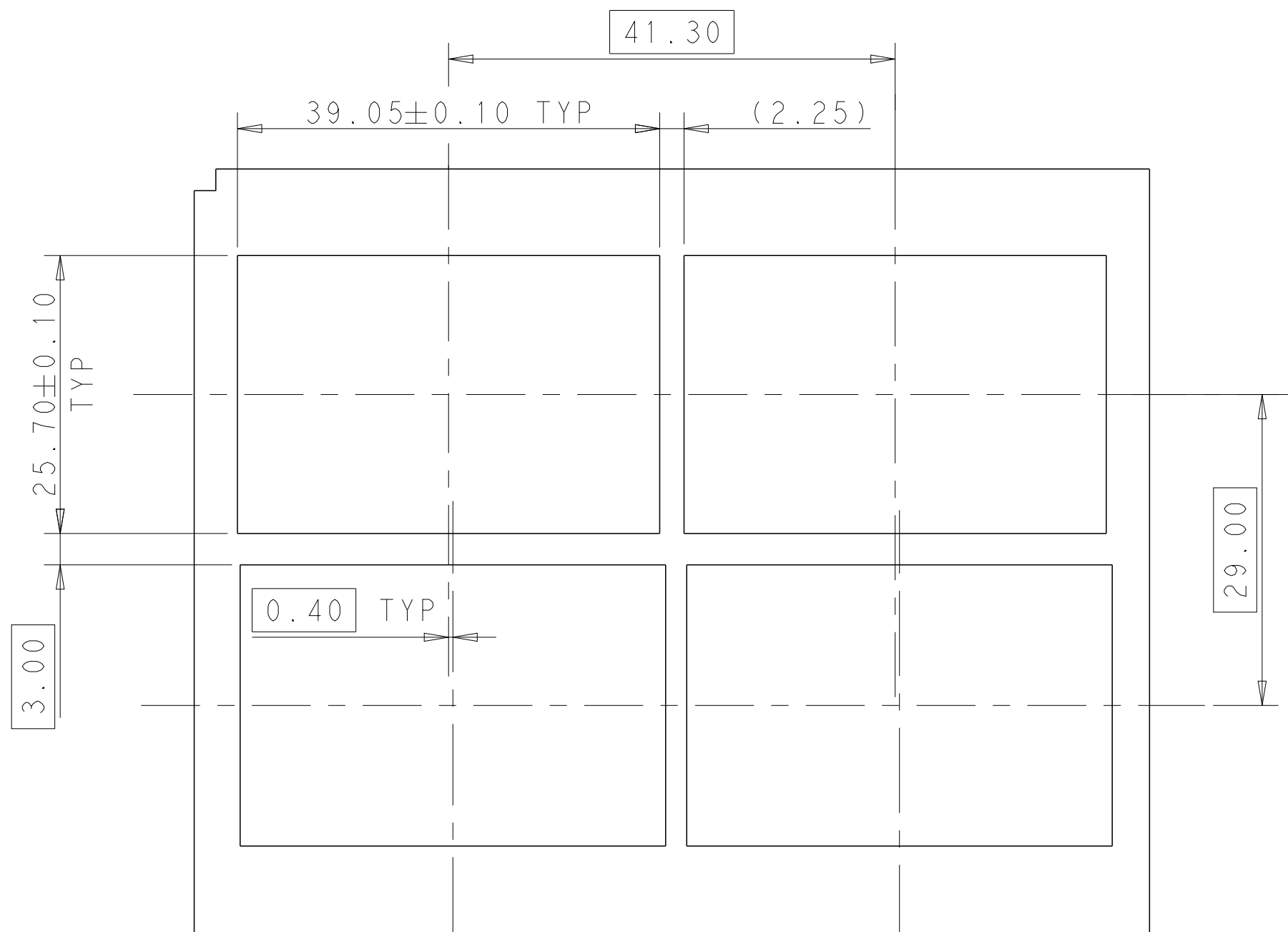
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 17AUG2016		TE TE Connectivity	
DIMENSIONS:		CHG SEAN HAN 17AUG2016		NAME zQSPF + 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
mm		APVD SEAN HAN 17AUG2016			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-60102			
		APPLICATION SPEC 114-60015			
		SIZE A		CAGE CODE 00779	
DRAWING NO C=2308171		RESTRICTED TO -		SCALE 1:1	
SHEET 2		OF 11		REV D10	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 2		CUSTOMER DRAWING	

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

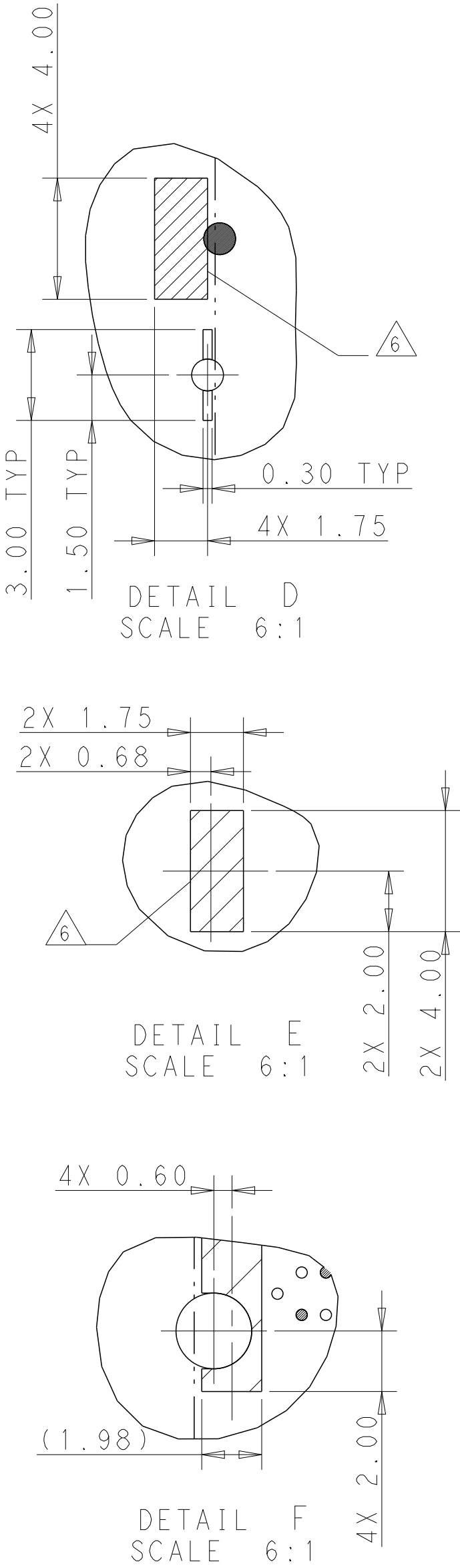
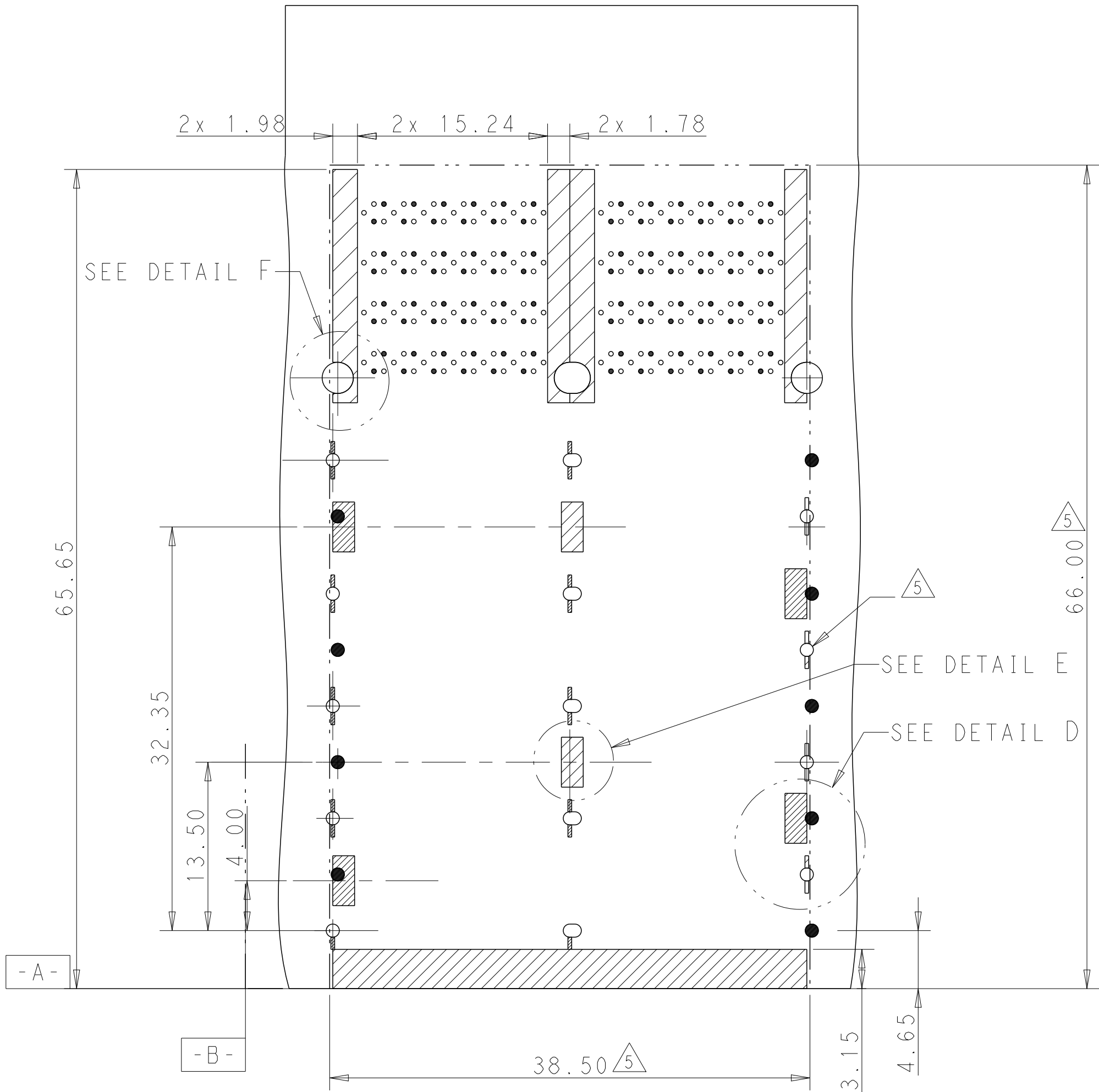
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	17AUG2016	TE Connectivity	
		CHK SEAN HAN	17AUG2016		
DIMENSIONS:		APVD SEAN HAN	17AUG2016	NAME	
mm		PRODUCT SPEC		zOSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
		APPLICATION SPEC		RESTRICTED TO	
		114-60015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

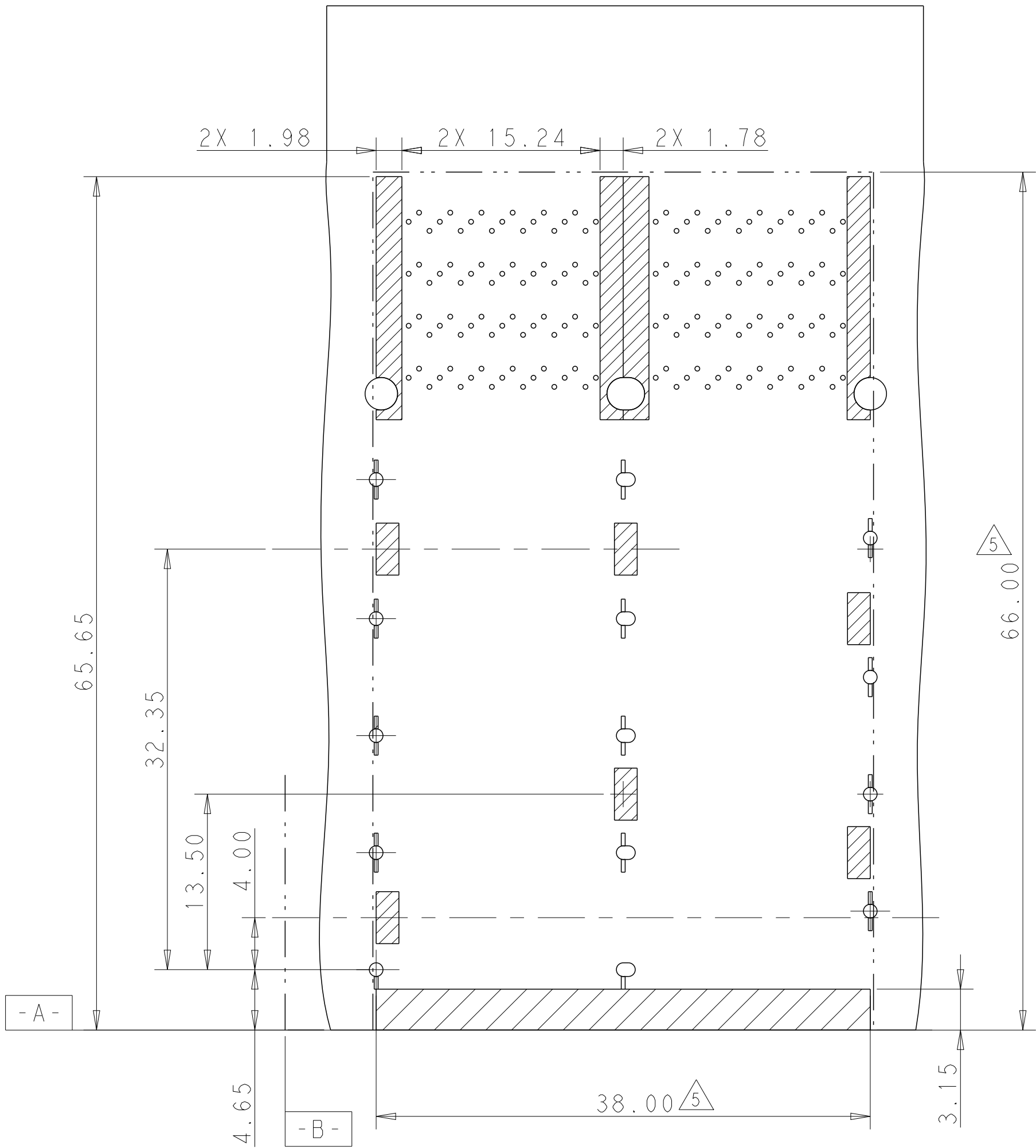
BELLY TO BELLY PCB APPLICATION

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 APPLICATION

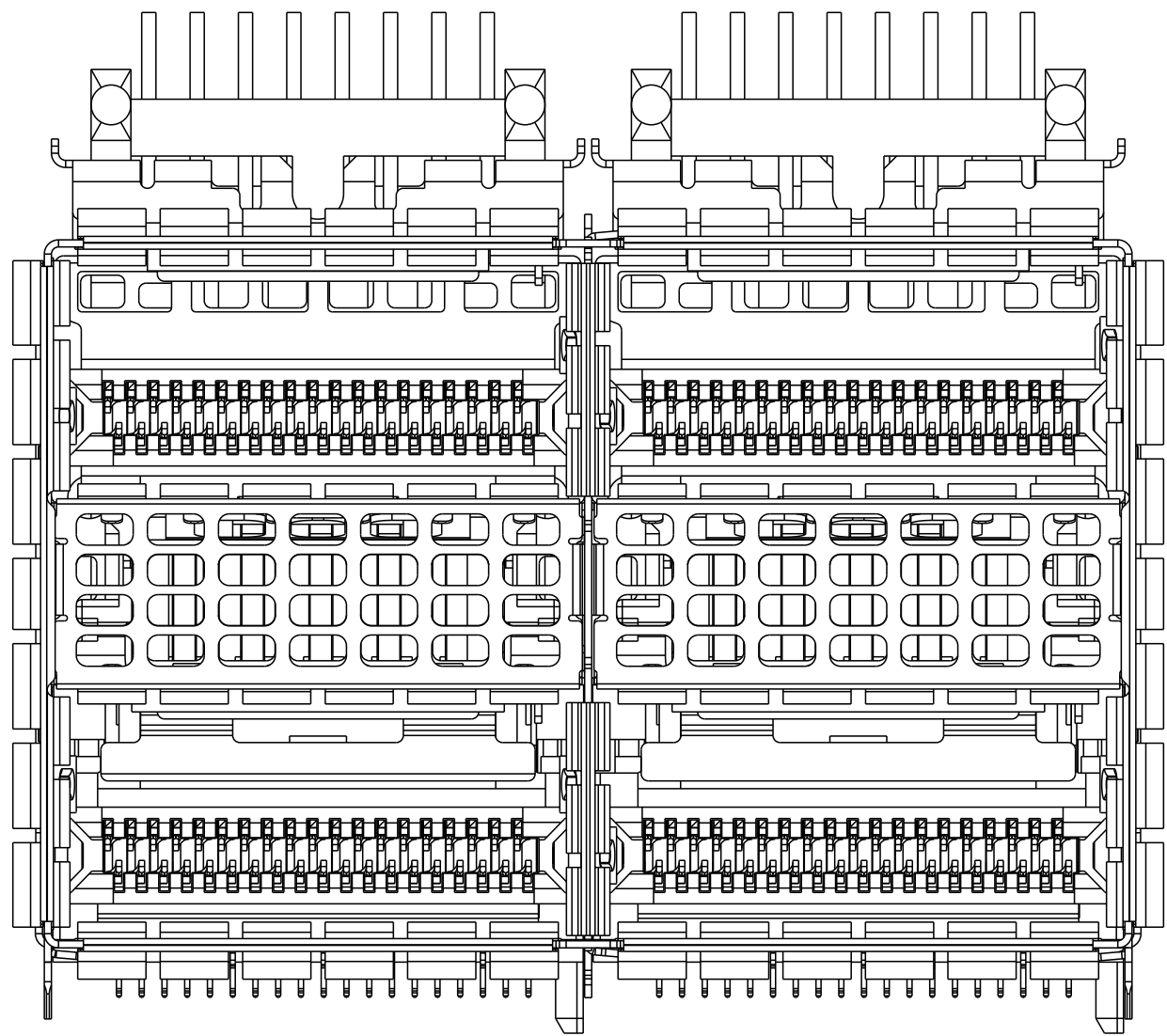
KEEP OUT AREAS OF 1-2308171-4 ARE THE SAME TO BELLY TO BELLY PCB APPLICATION SHOWN LEFT
PLS REFER TO PAGE 8 FOR OTHER DIMENSIONS OF PC BOARD
TOP COMPONENT SIDE OF BOARD(PCB TOLERANCE ± 0.05)
SCALE 3:1



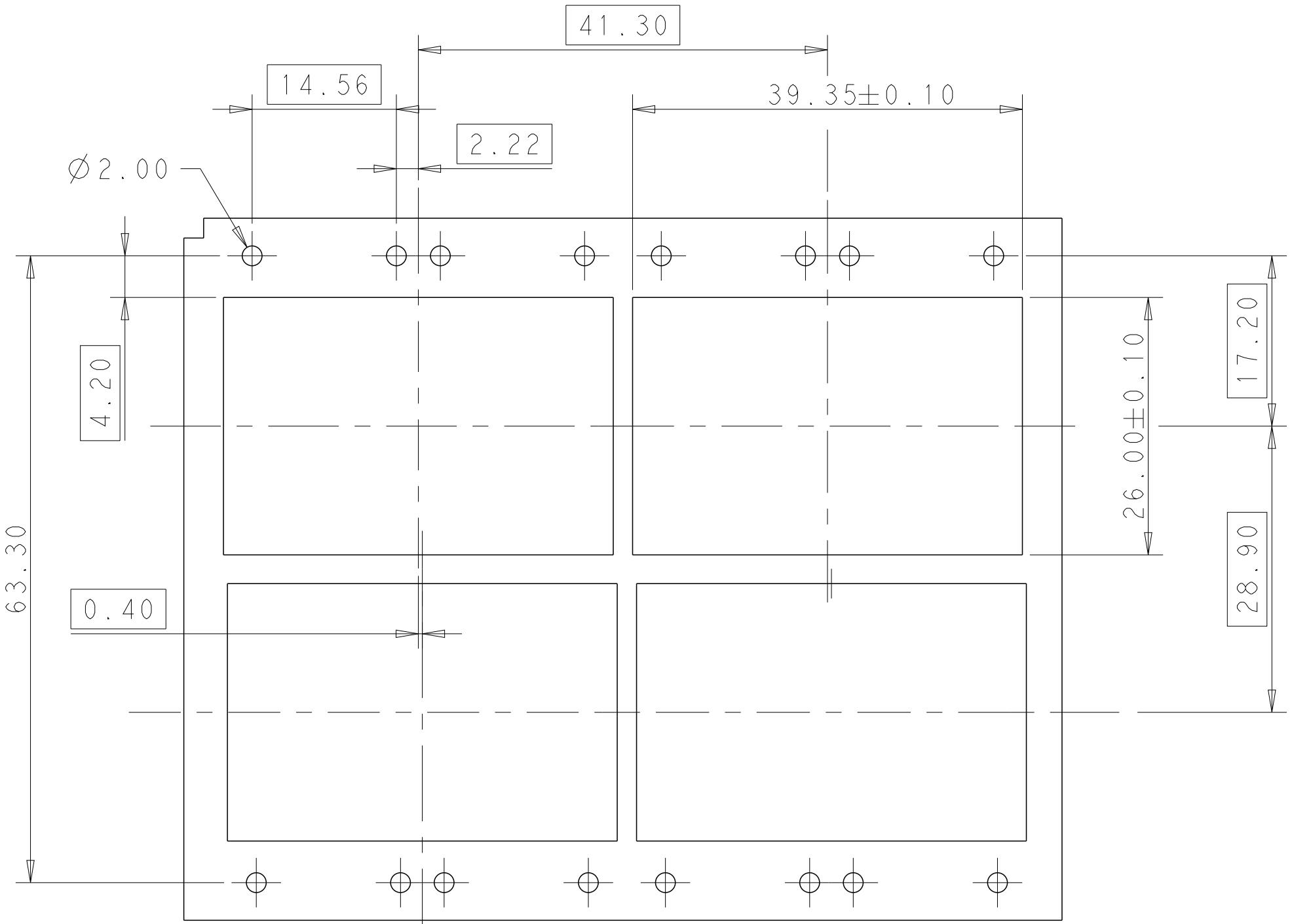
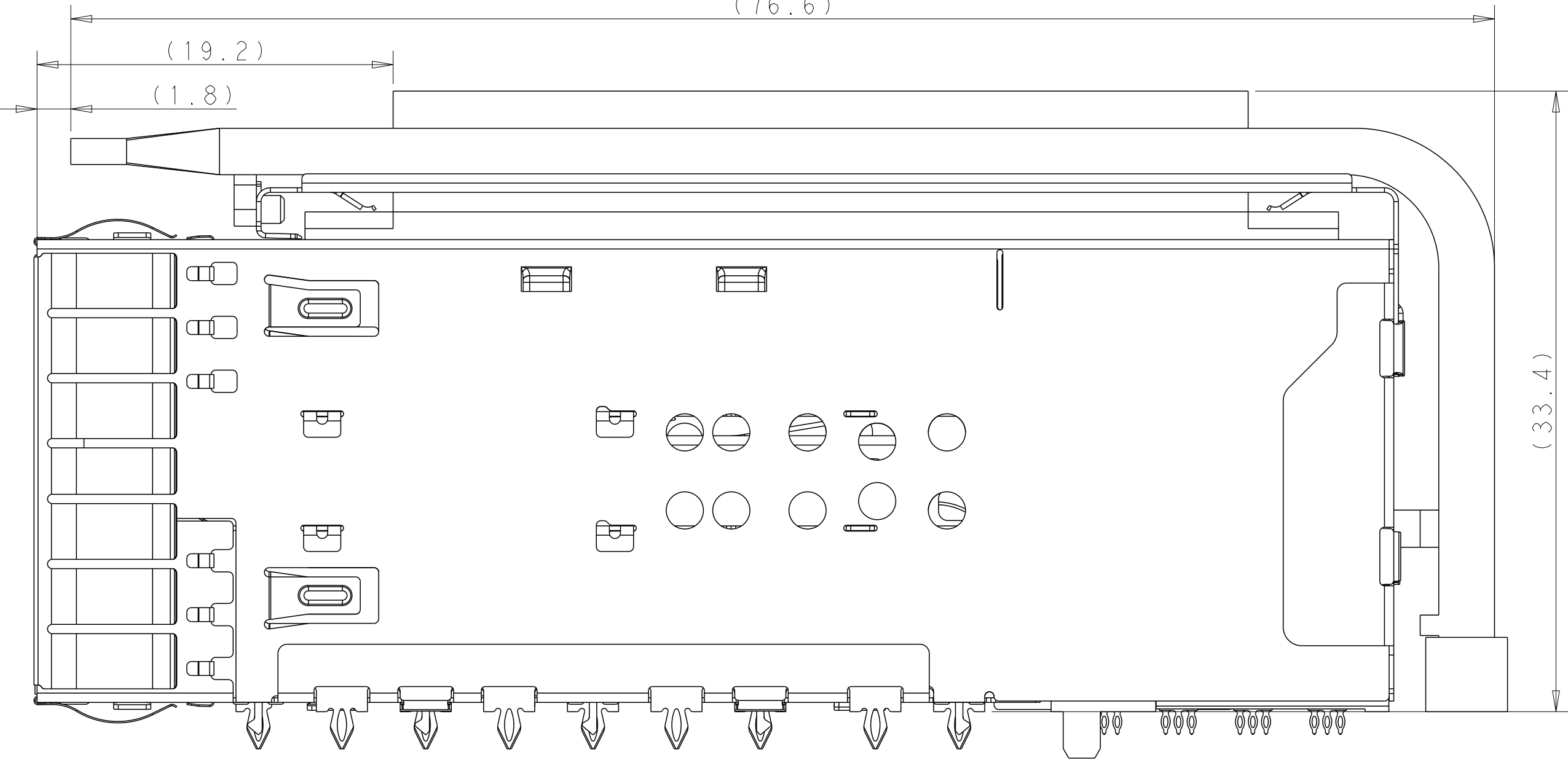
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TIM XUE		17AUG2016		 TE Connectivity	
		CHK	SEAN HAN		17AUG2016			
DIMENSIONS:		APVD	SEAN HAN		17AUG2016		NAME	
mm		PRODUCT SPEC						
		108-60102					zQSFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
		APPLICATION SPEC						
		114-60015						
		FINISH						
MATERIAL		WEIGHT					SIZE	
SEE NOTE 1		SEE NOTE 2					CAGE CODE	
		CUSTOMER DRAWING					DRAWING NO	
							RESTRICTED TO	
							A 100779 ©=2308171 -	
							SCALE 1:1 SHEET 4 OF 11 REV D10	

2-2308171-0 AS SHOWN

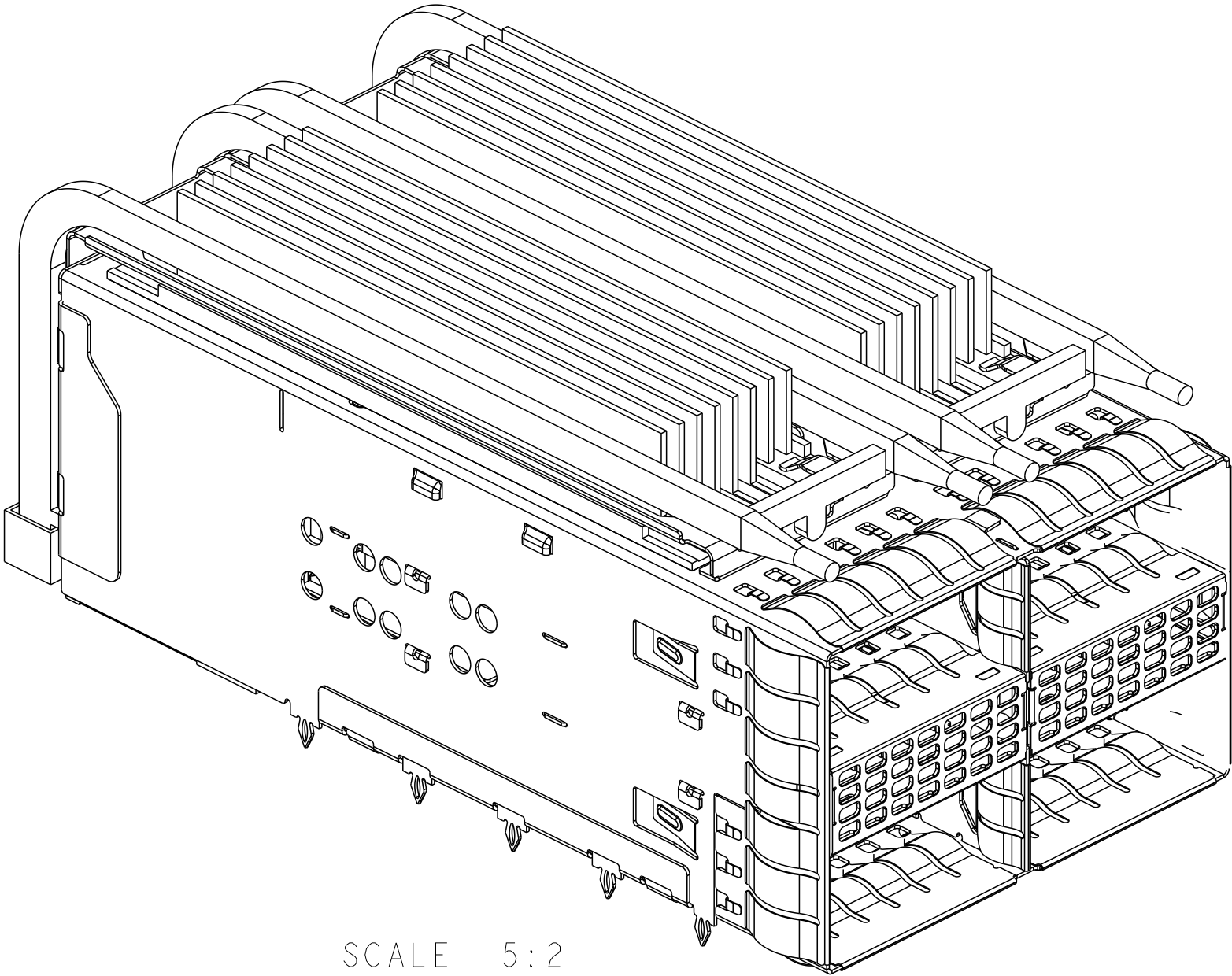
LOC		DIST		REVISONS				
GP		00		P	LTR	DESCRIPTION		DATE
						SEE SHEET 1		



2-2308171-0
SCALE 4:1

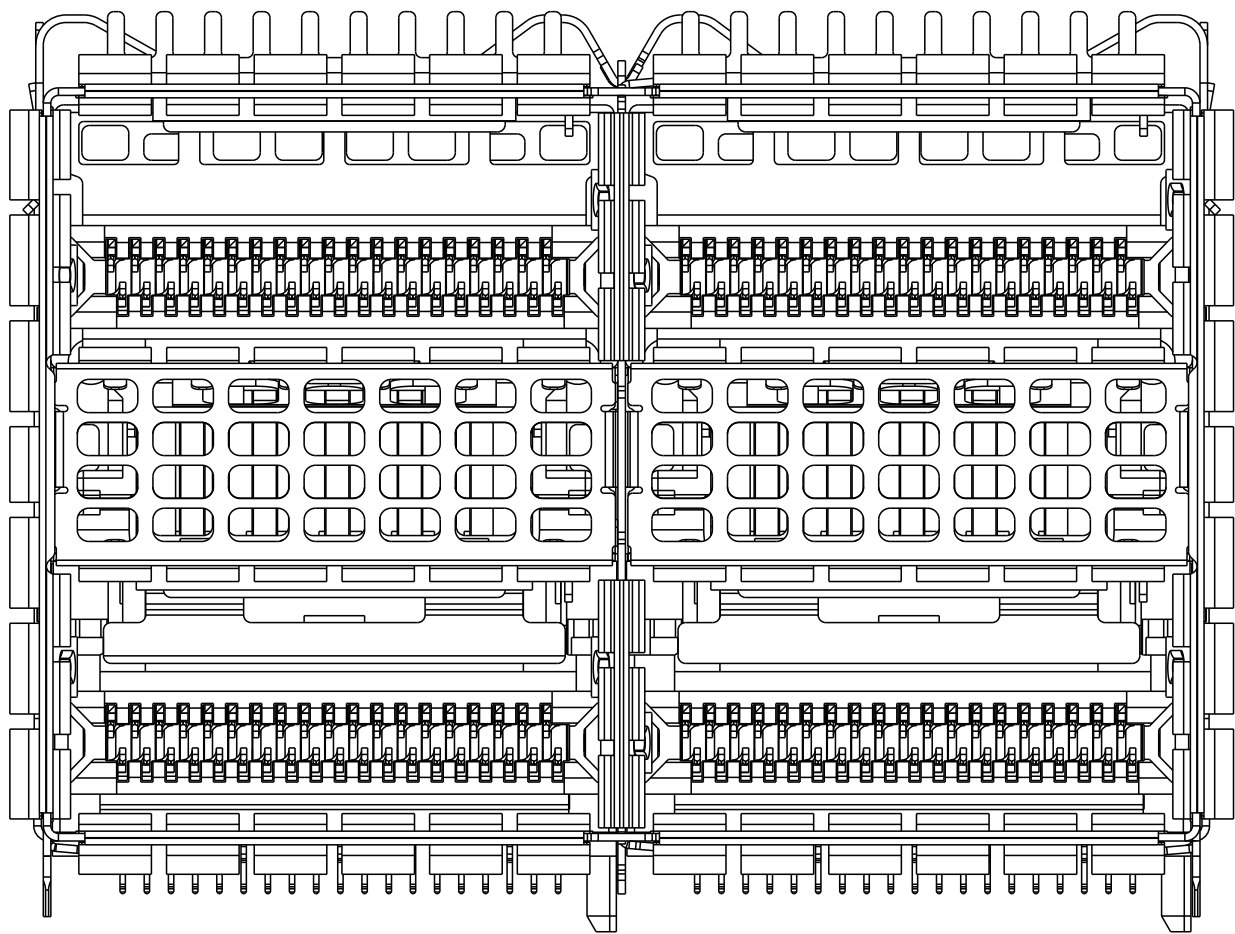


2-2308171-0 PANEL
SCALE 2:1

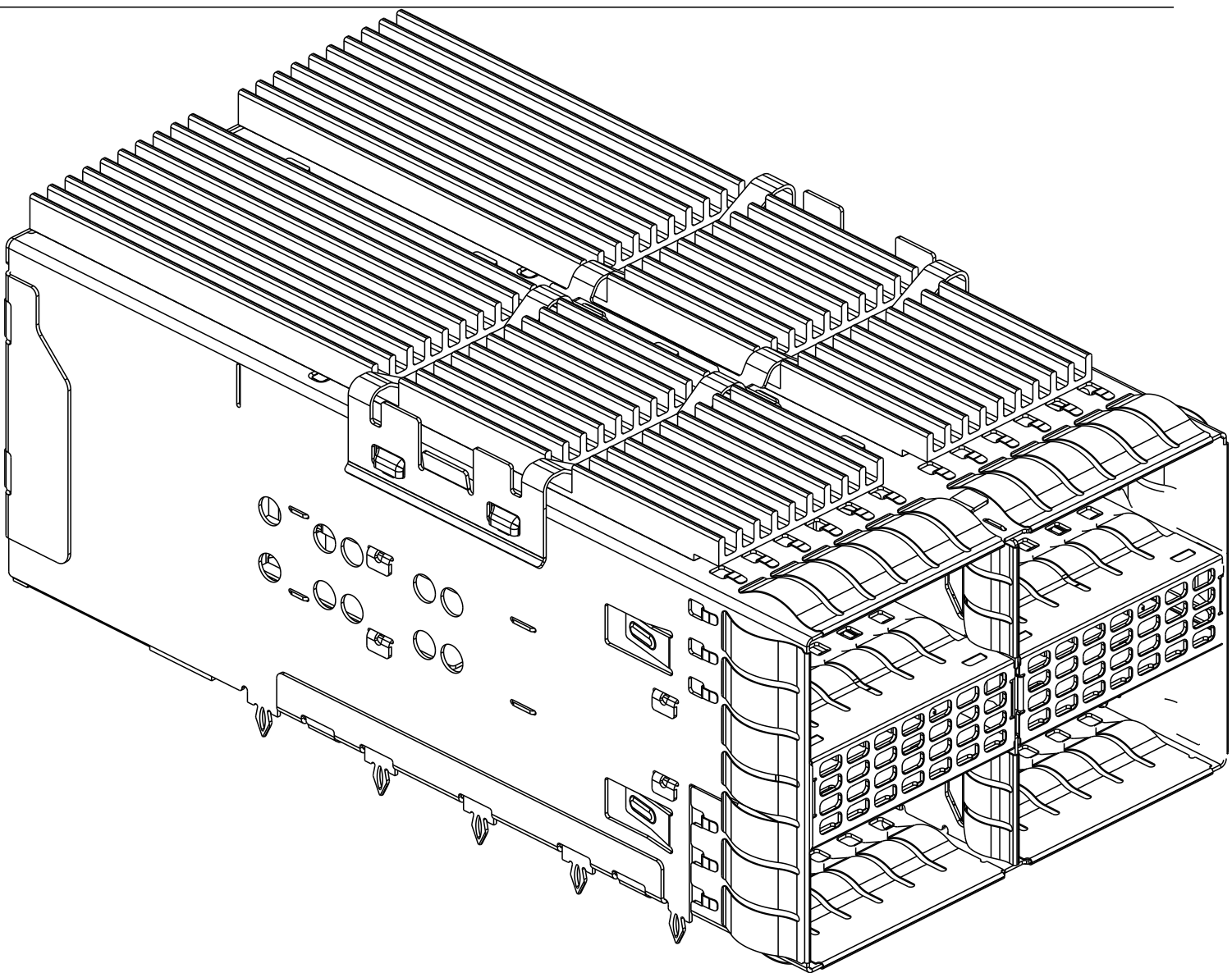
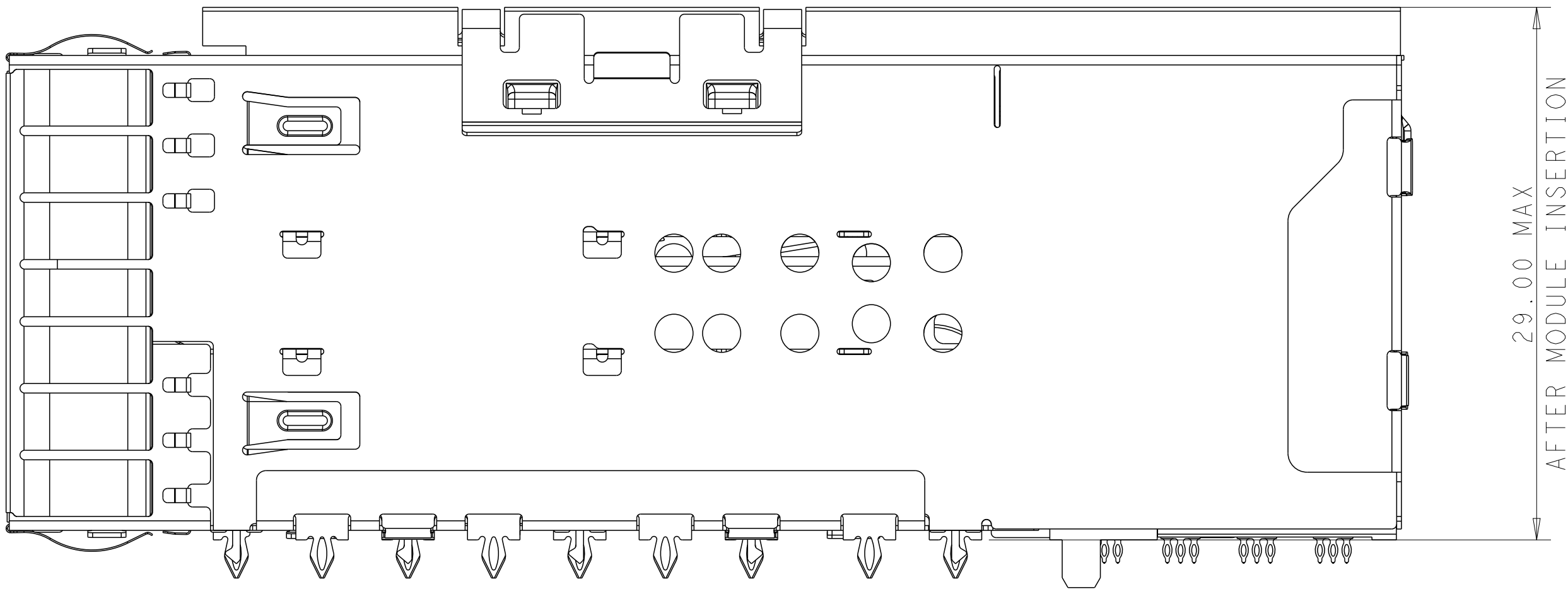


SCALE 5:2

2-2308171-2 AS SHOWN(INCLUDE TOP AND INTERNAL HEATSINK)
OTHERS ARE THE SAME AS 2-2308171-0.

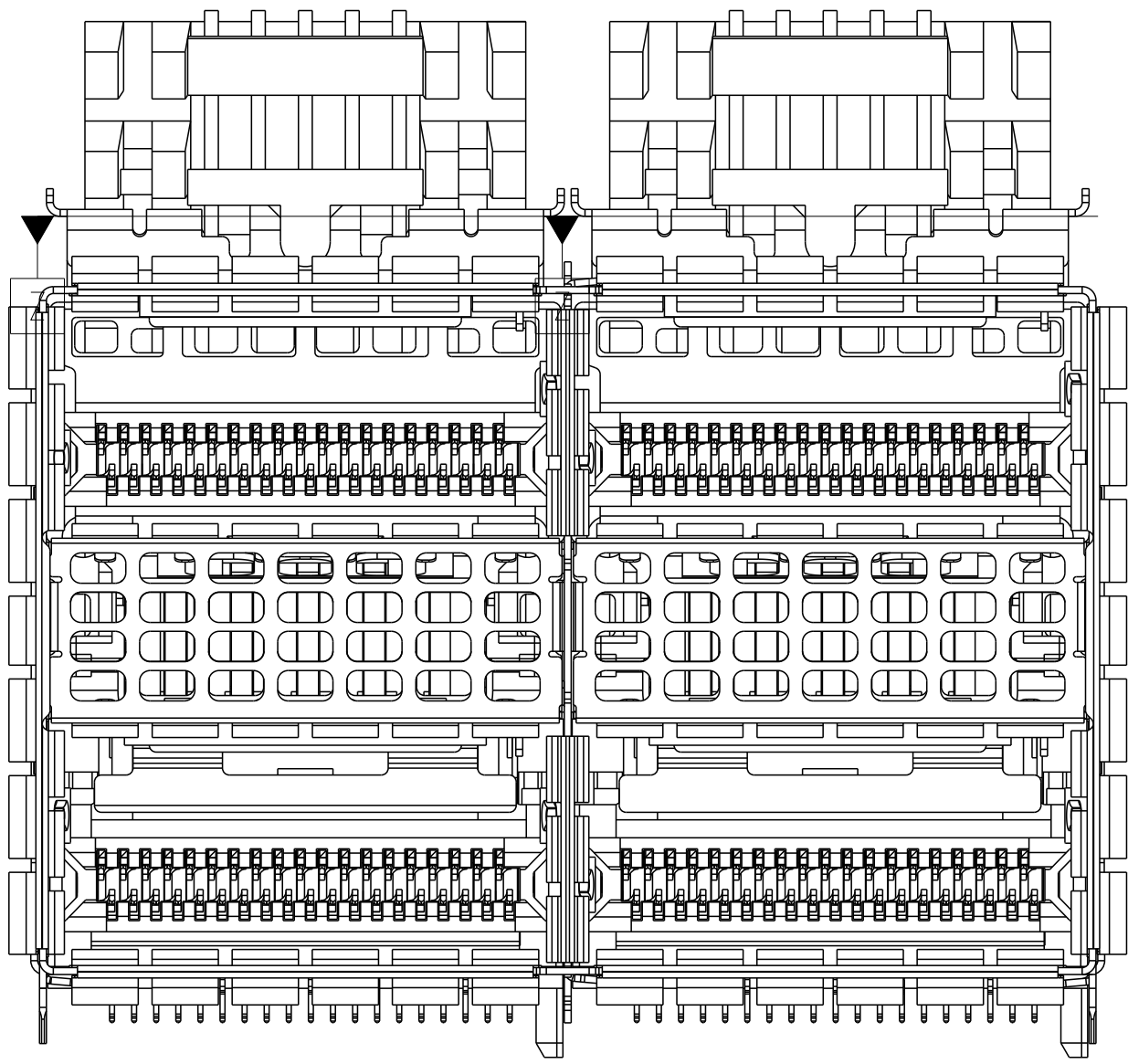


SCALE 4:1

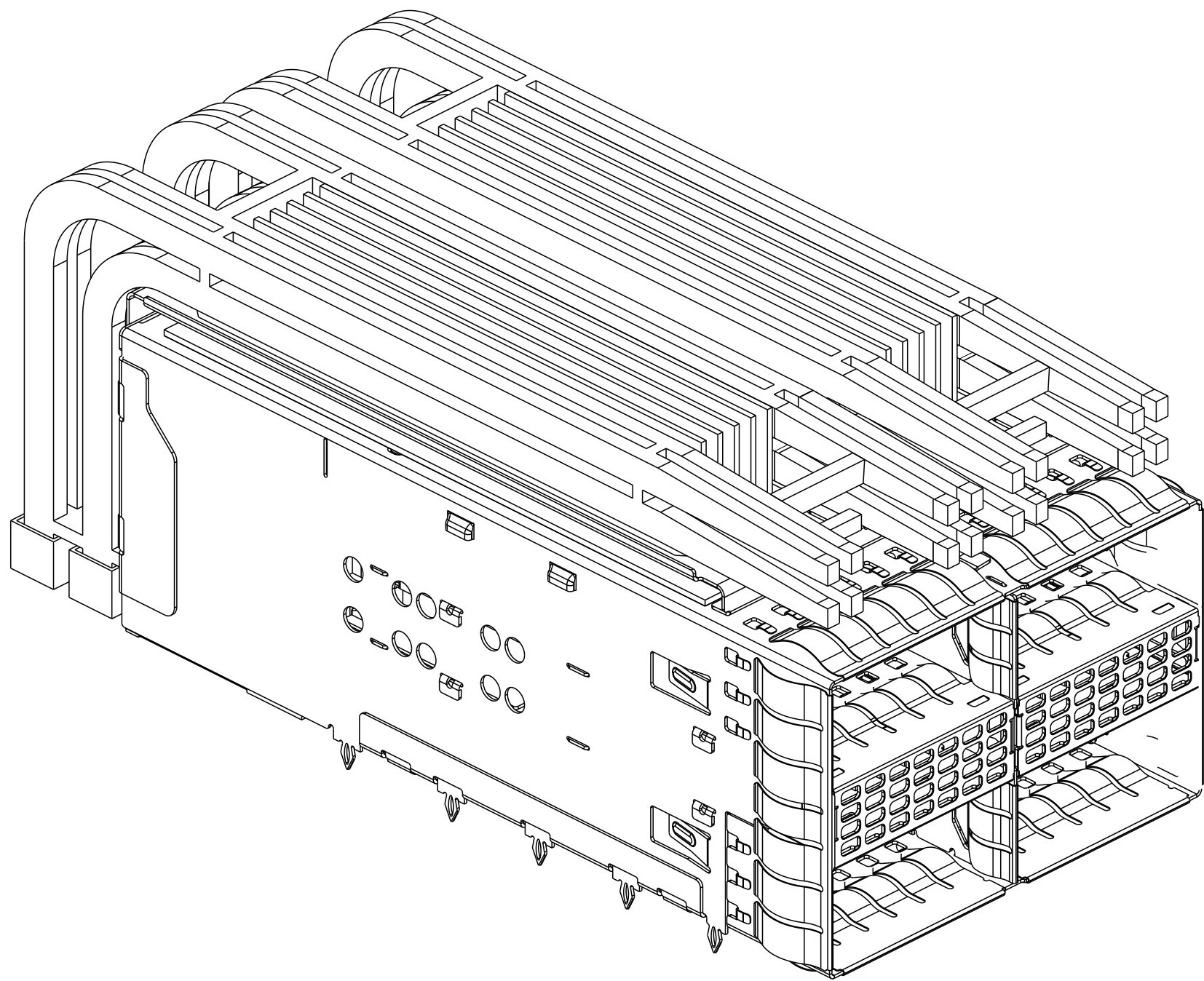


THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN	TIM XUE	17AUG2016	SCALE 5:2		TE Connectivity		
				CHK	SEAN HAN	17AUG2016					
				APVD	SEAN HAN	17AUG2016					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		70SQFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS BELLY TO BELLY APPLICATION					
mm		0 PLC ± 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ±		PRODUCT SPEC							
				108-60102							
				APPLICATION SPEC							
				114-60015							
		ANGLES ±		WEIGHT		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
MATERIAL		FINISH		A1		100779		C=2308171		-	
SEE NOTE 1		SEE NOTE 2		CUSTOMER DRAWING		SCALE		1:1	SHEET	5 OF 11	REV D10

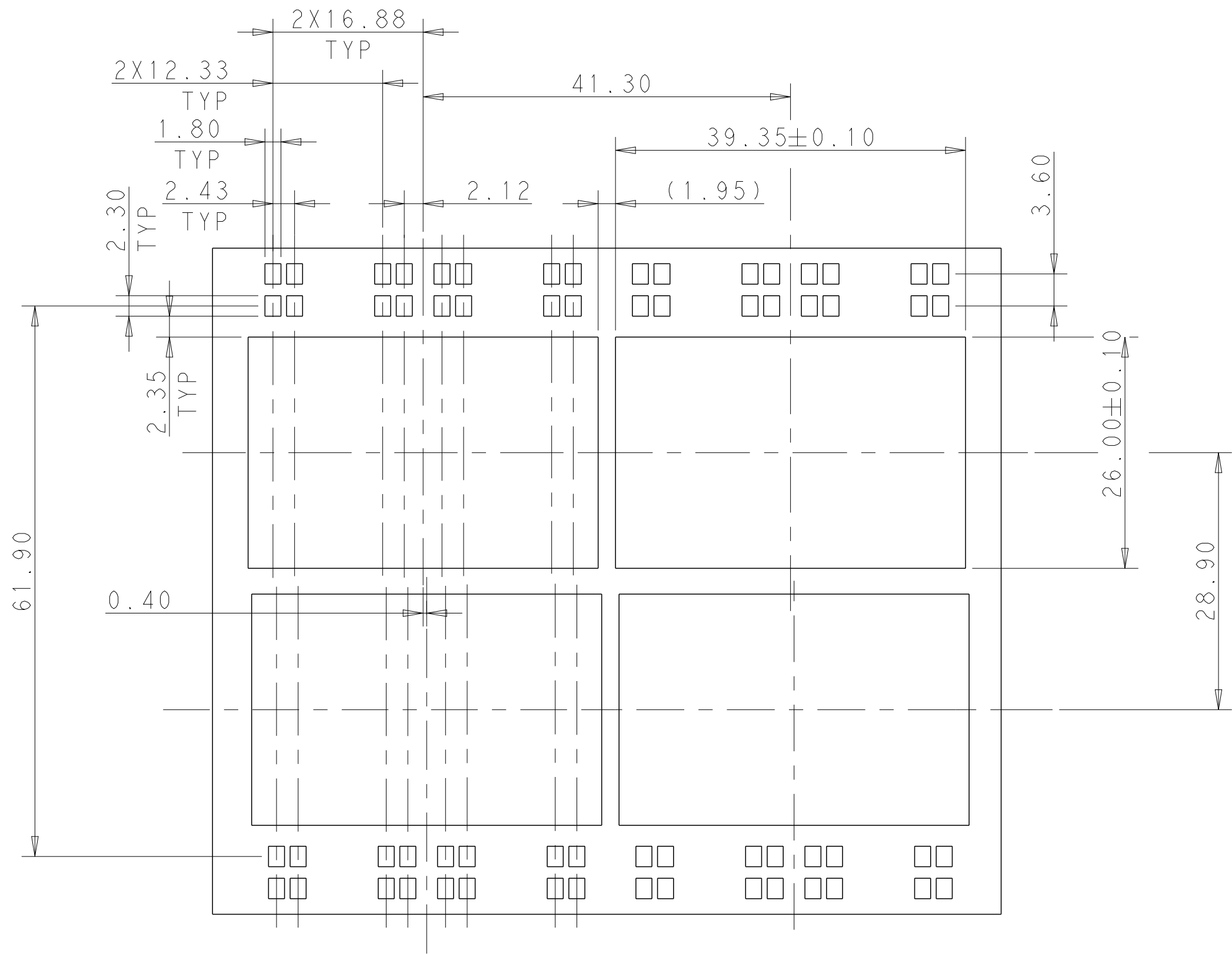
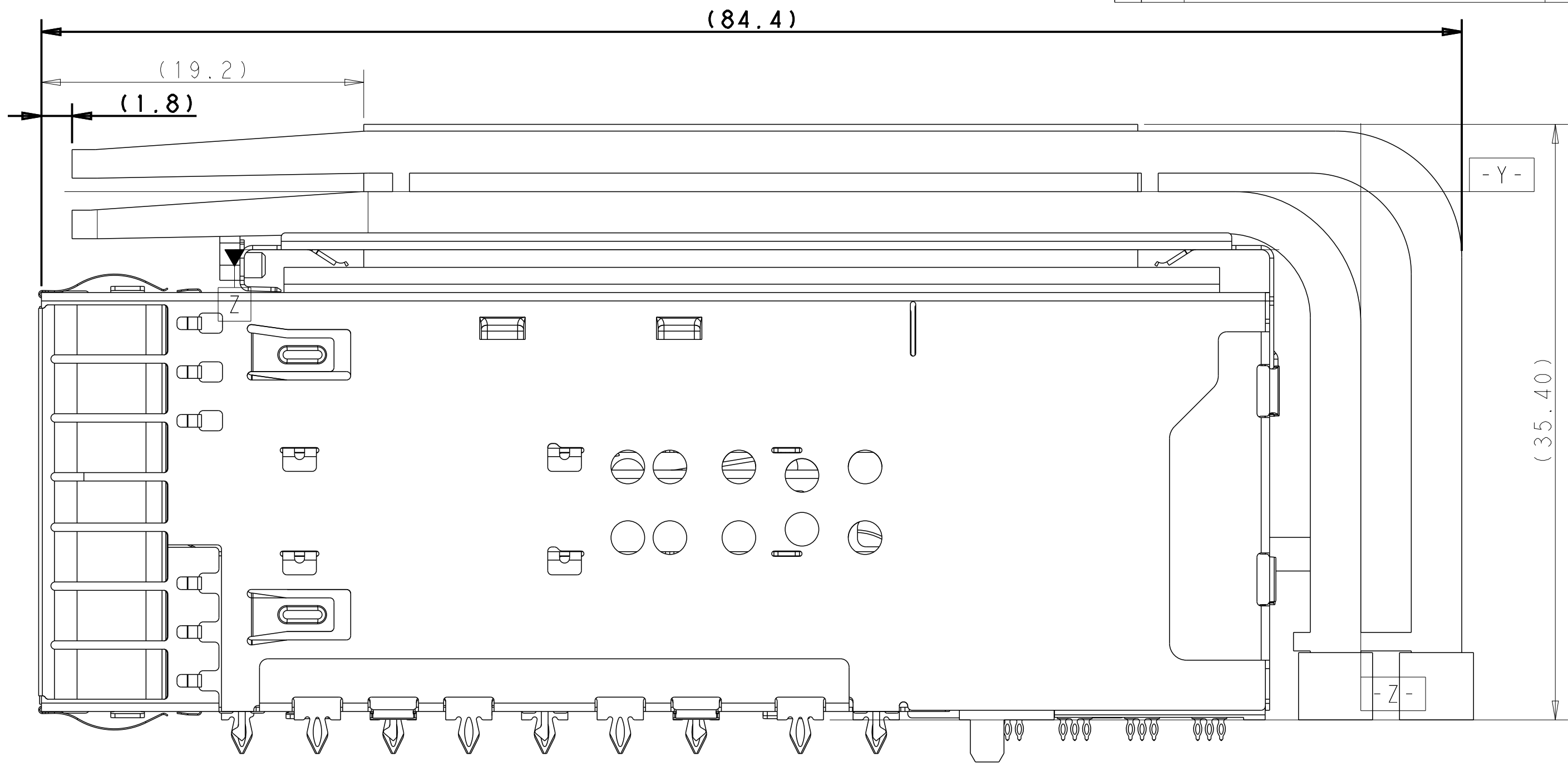
2-2308171-1 AS SHOWN



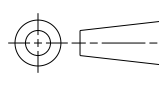
2-2308171-1
SCALE 4:1

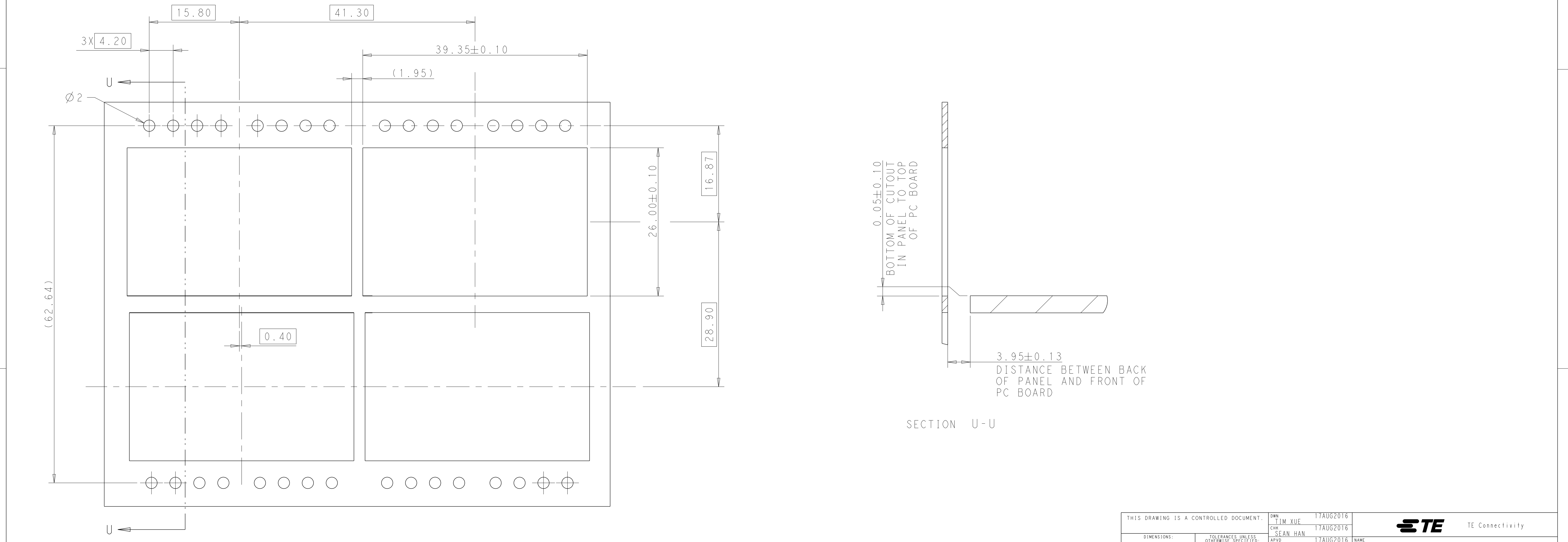
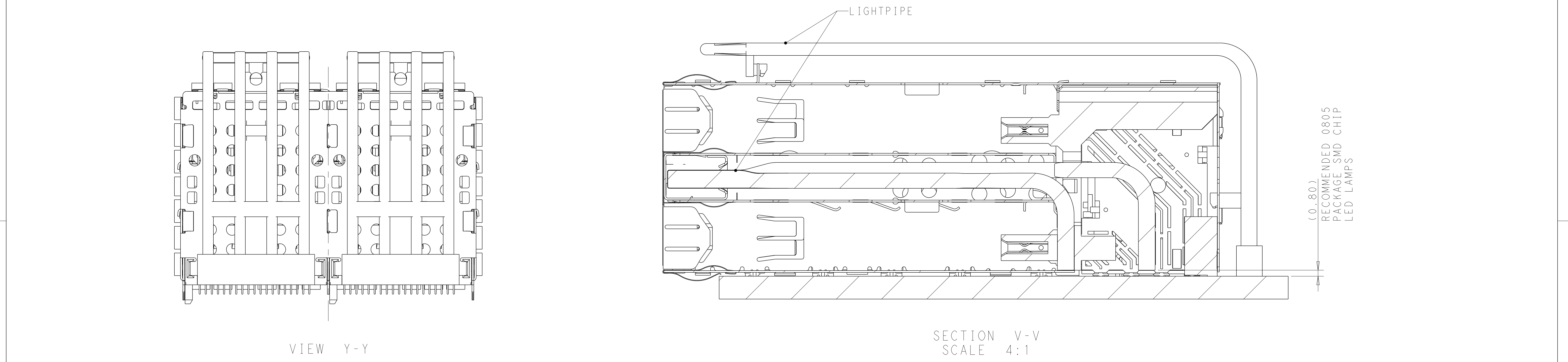


SCALE 5:2

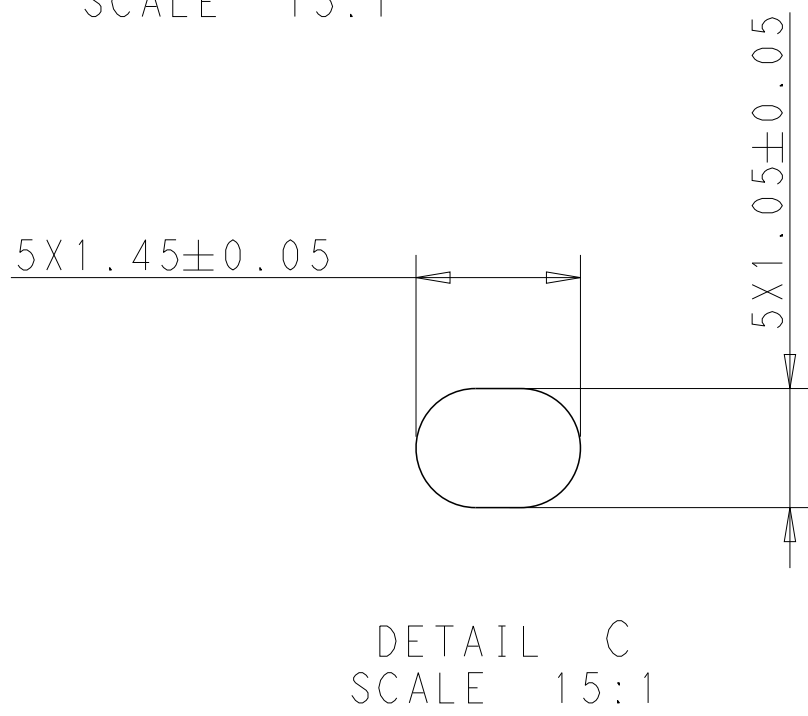


2-2308171-1 PANEL
SCALE 2:1

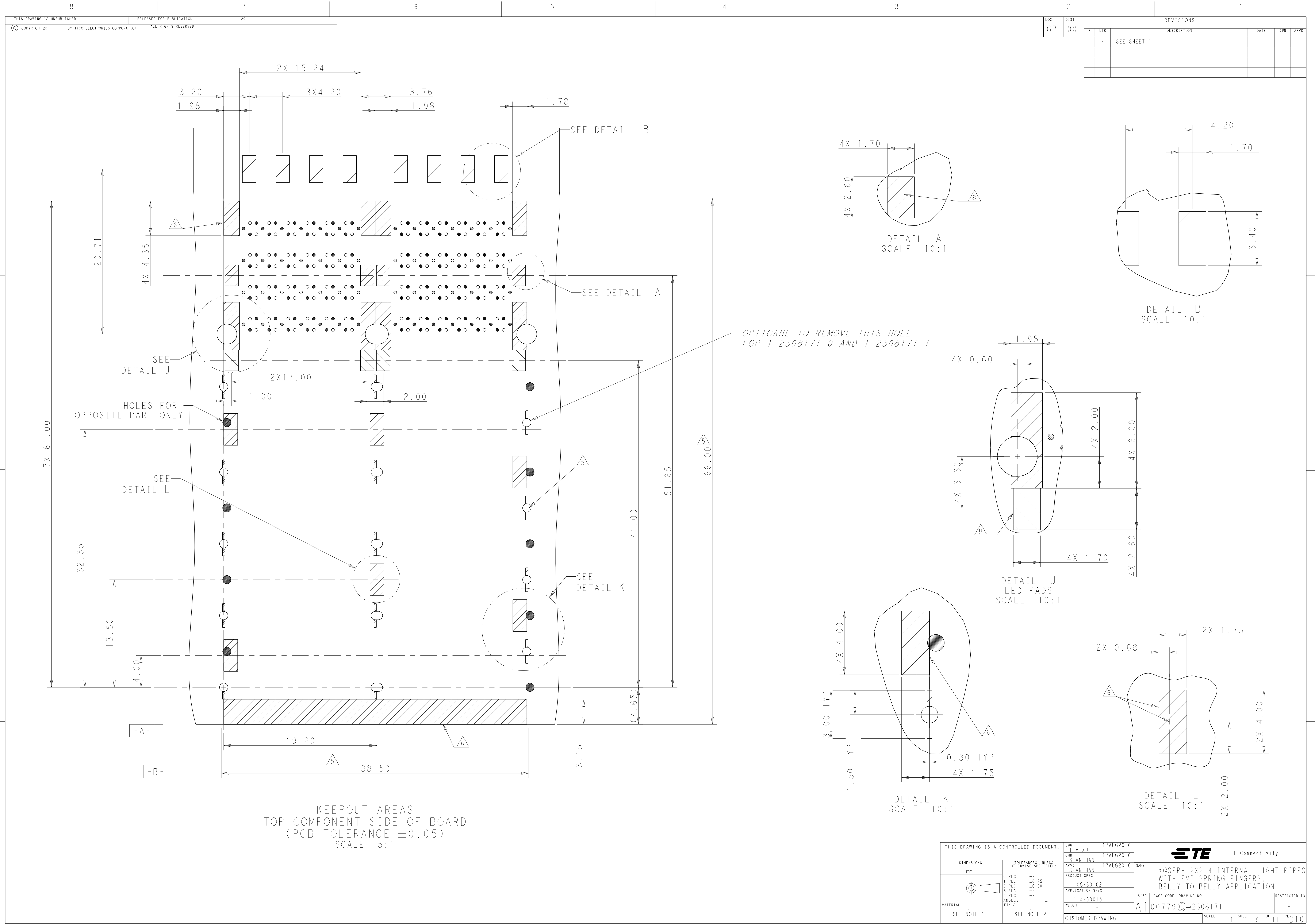
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 17AUG2016	 TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 17AUG2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 17AUG2016	NAME	
	0 PLC	±	zQSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS. BELLY TO BELLY APPLICATION	
	1 PLC	±0.25		
	2 PLC	±0.20		
	3 PLC	±		
MATERIAL	4 PLC	±	SIZE	
	ANGLES	±	CAGE CODE	
FINISH		WEIGHT	DRAWING NO	
SEE NOTE 1		-	A100779C=2308171	
SEE NOTE 2		CUSTOMER DRAWING	RESTRICTED TO	
			SCALE 1:1 SHEET 6 OF 11 REV D10	



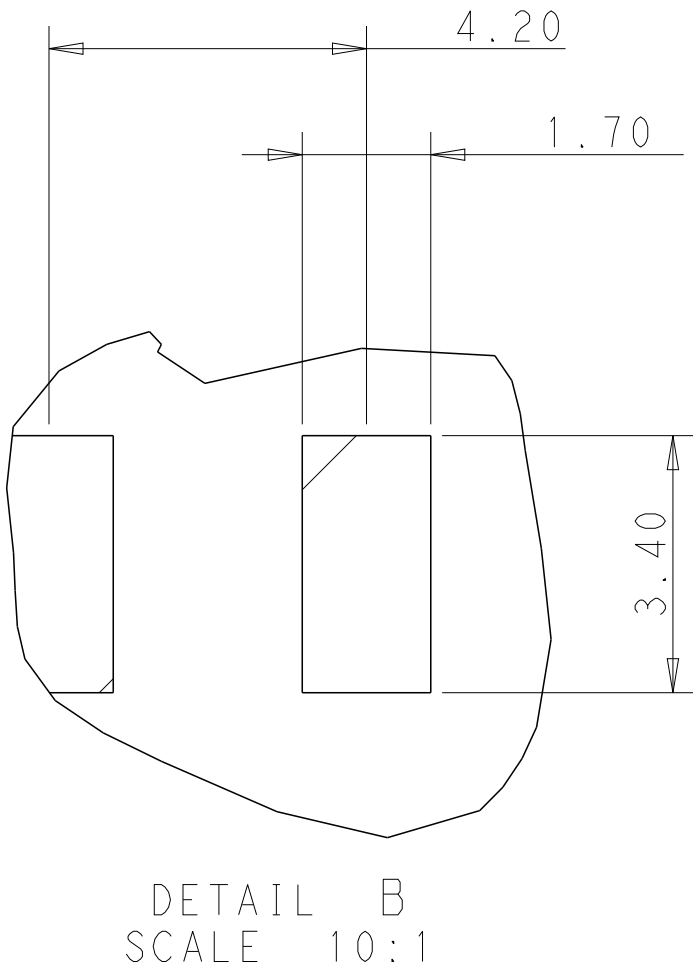
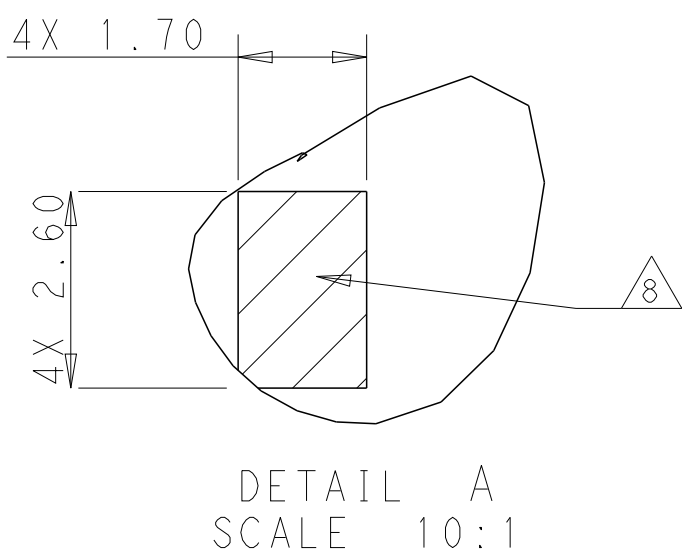
RECOMMENDED PANEL CUTOUT AND PC BOARD, PANEL POSITION SCALE 3:1									
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±°		108-60102 APPLICATION SPEC 114-60015		WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION		RESTRICTED TO	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 2		WEIGHT -		A100779C=2308171		-	
CUSTOMER DRAWING						SCALE 1:1		SHEET 7 OF 11	



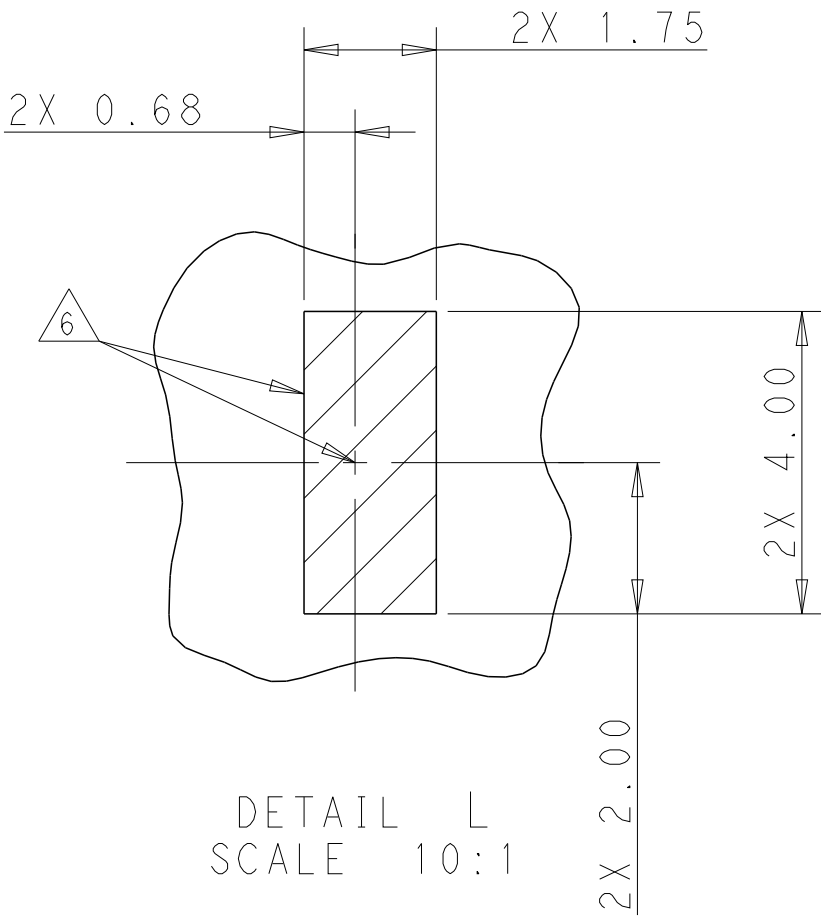
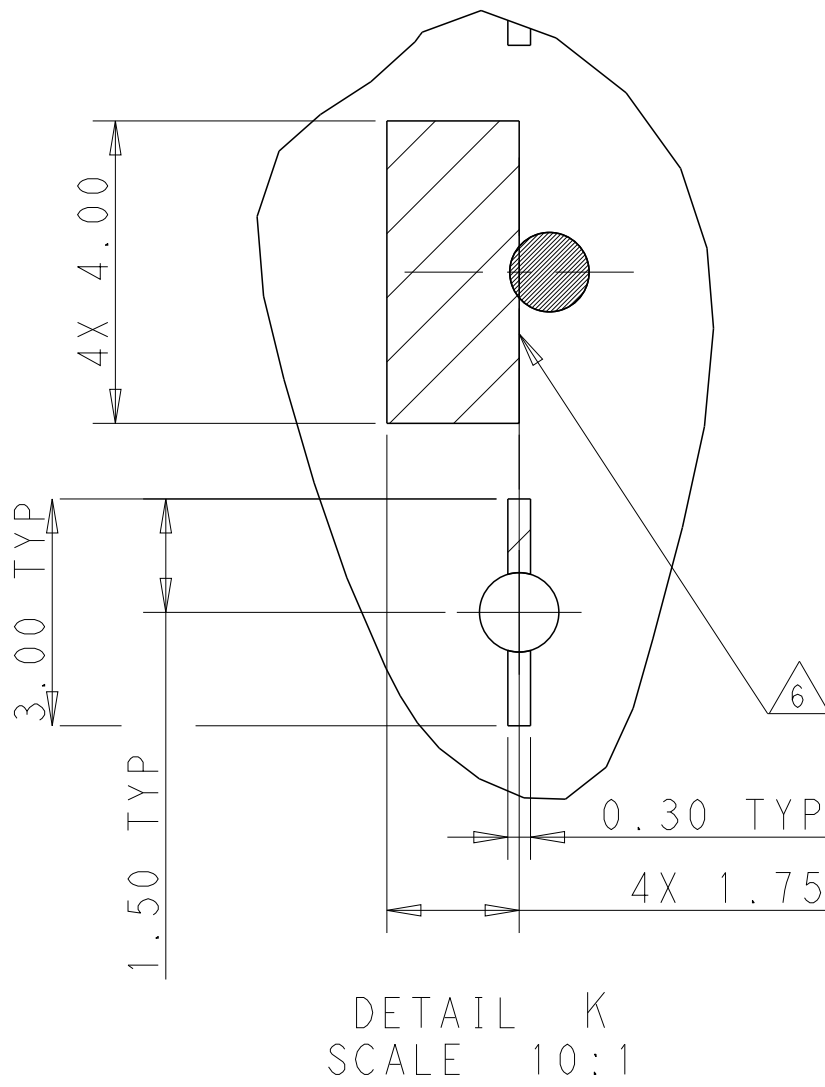
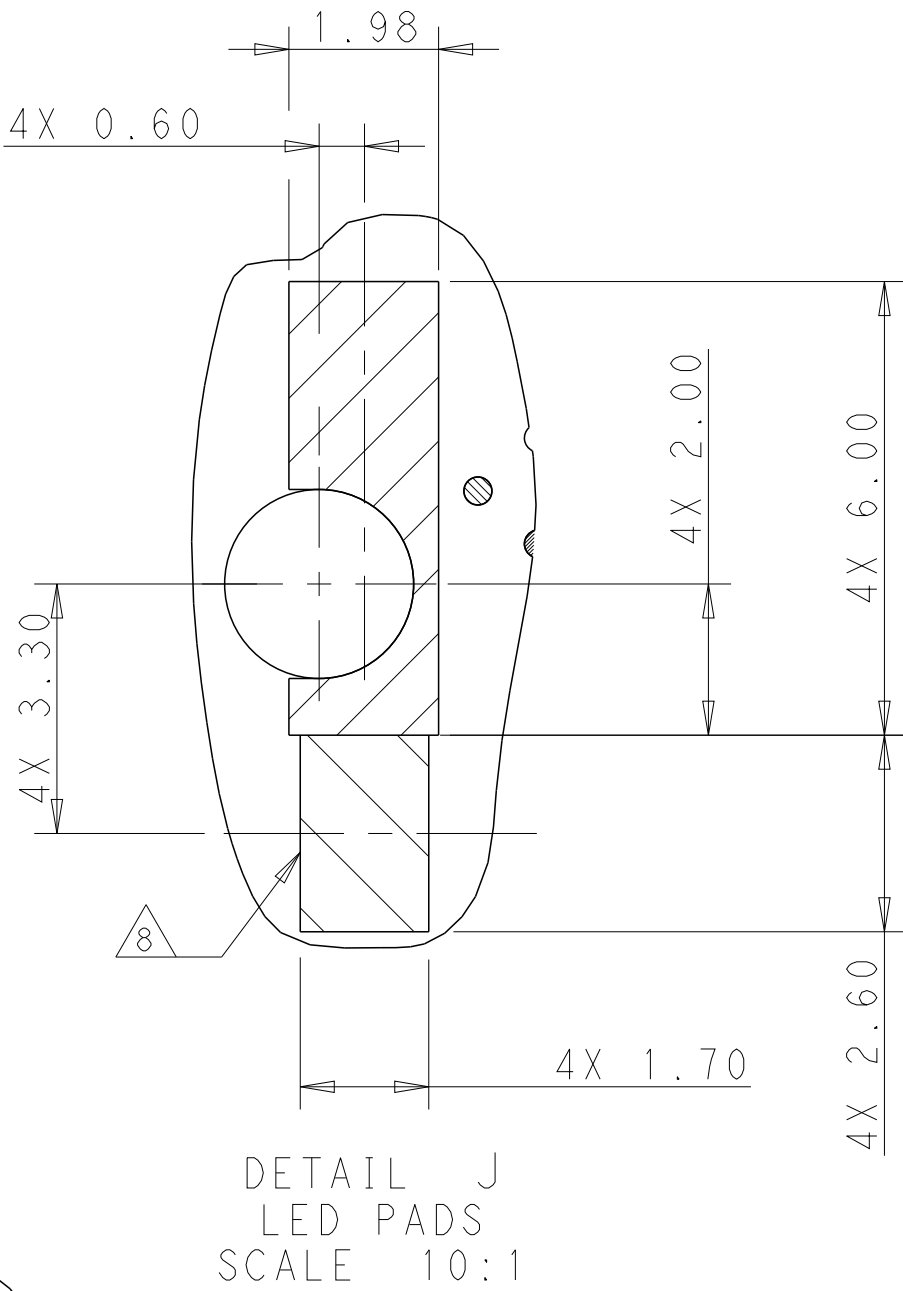
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 17AUG2016		 TE Connectivity	
		CWH SEAN HAN 17AUG2016			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ± 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ± FINISH			
		SEAN HAN PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015		7QSFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS BELLY TO BELLY APPLICATION	
MATERIAL		WEIGHT		SIZE	CAGE CODE
SEE NOTE 1		-		A1	00779
SEE NOTE 2				C=2308171	
CUSTOMER DRAWING				SCALE	1:1
				SHEET	8 of 11
				REV	D10



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



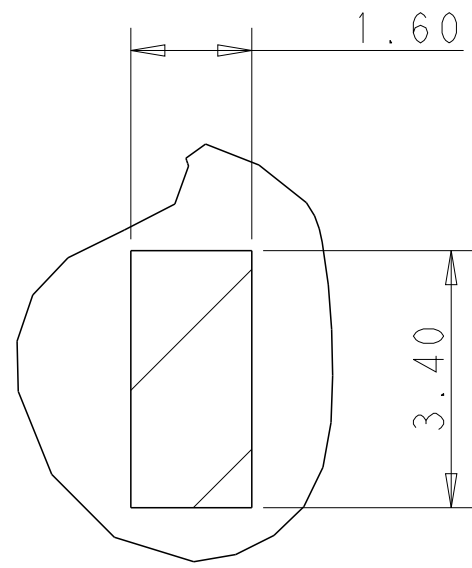
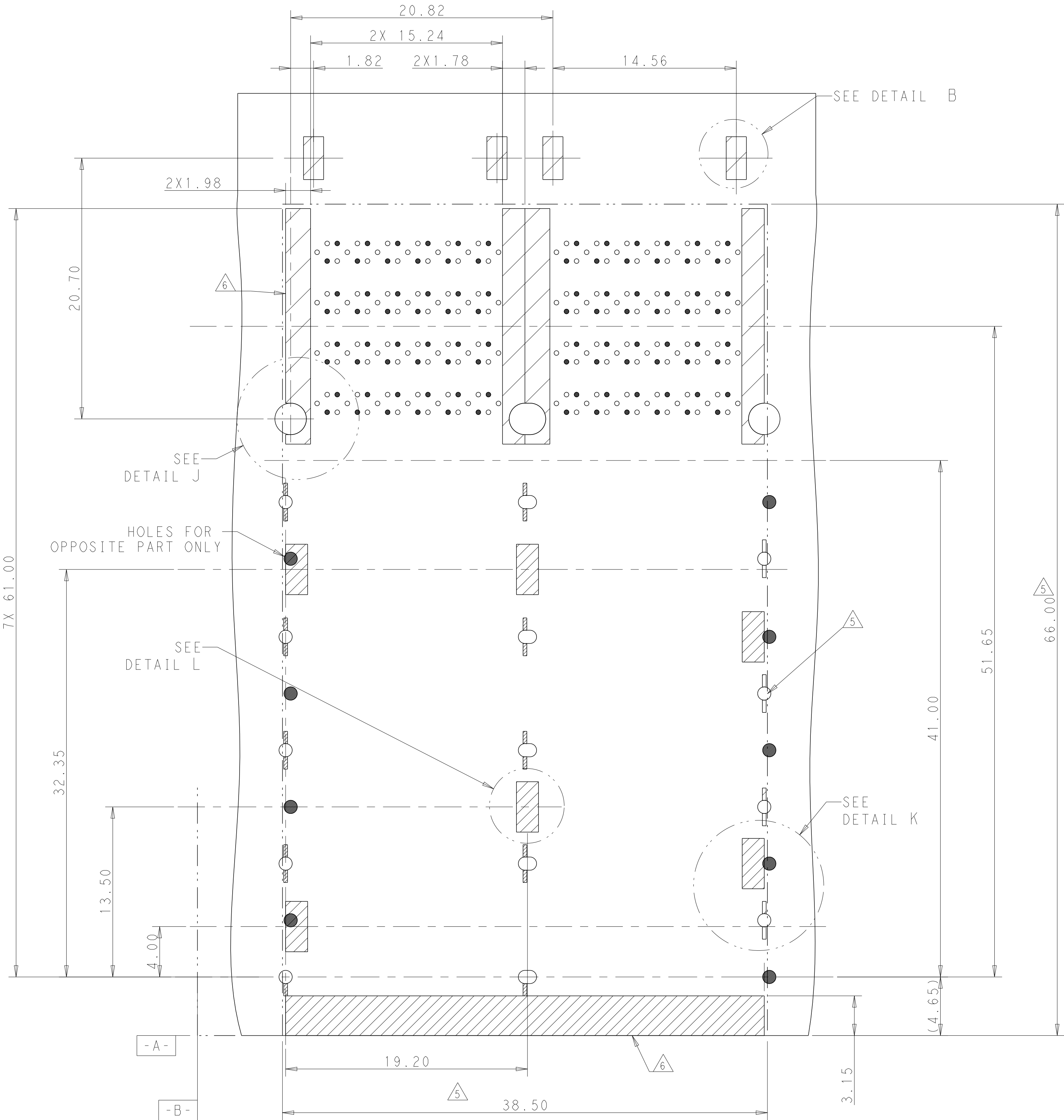
OPTIOANL TO REMOVE THIS HOLE
FOR 1-2308171-0 AND 1-2308171-1



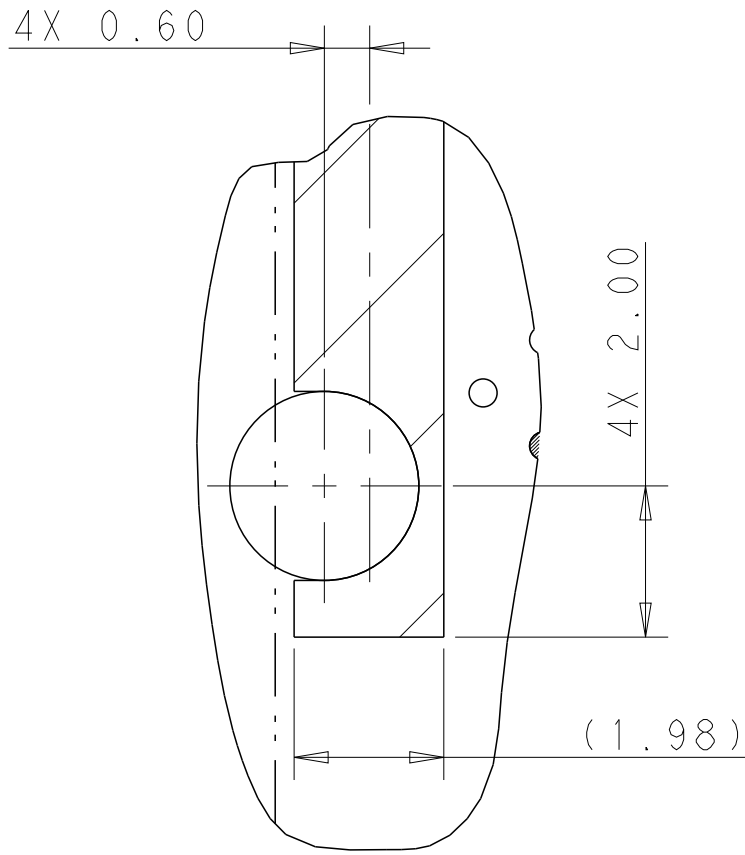
KEEPOUT AREAS
TOP COMPONENT SIDE OF BOARD
(PCB TOLERANCE ± 0.05)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TIM XUE	17AUG2016	 TE Connectivity			
		CHK	SEAN HAN	17AUG2016				
DIMENSIONS:		APVD	SEAN HAN	17AUG2016	NAME			
mm								

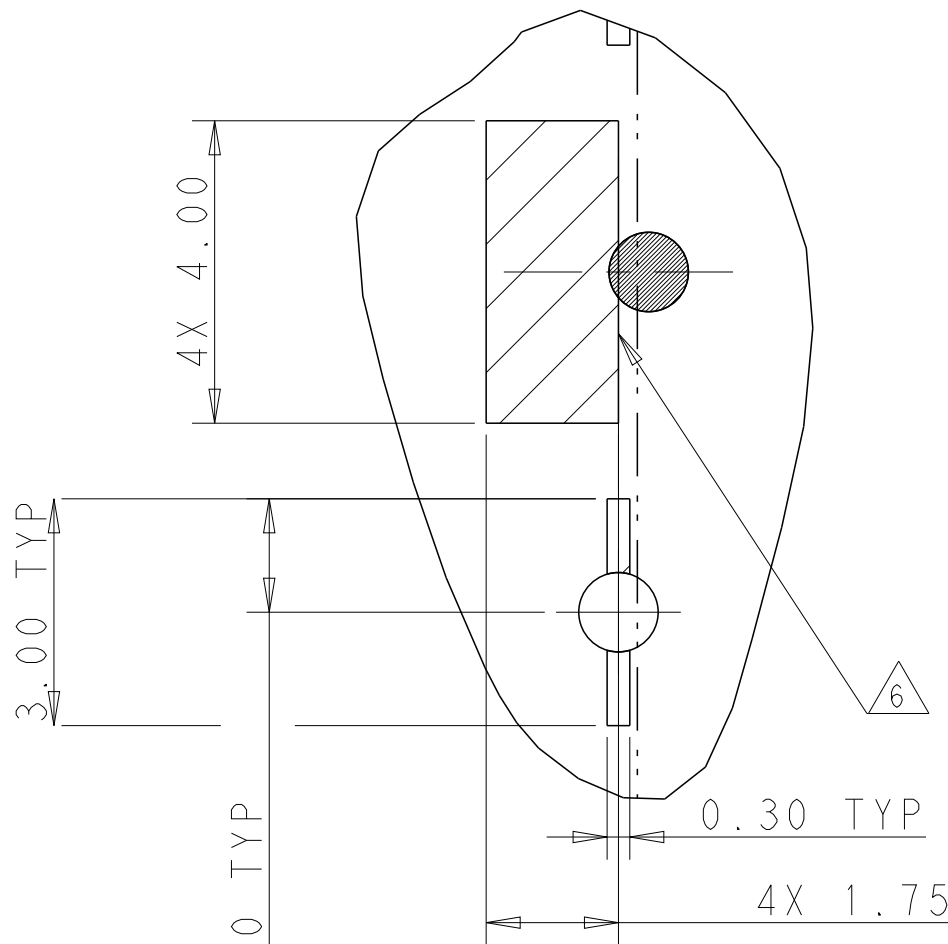
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



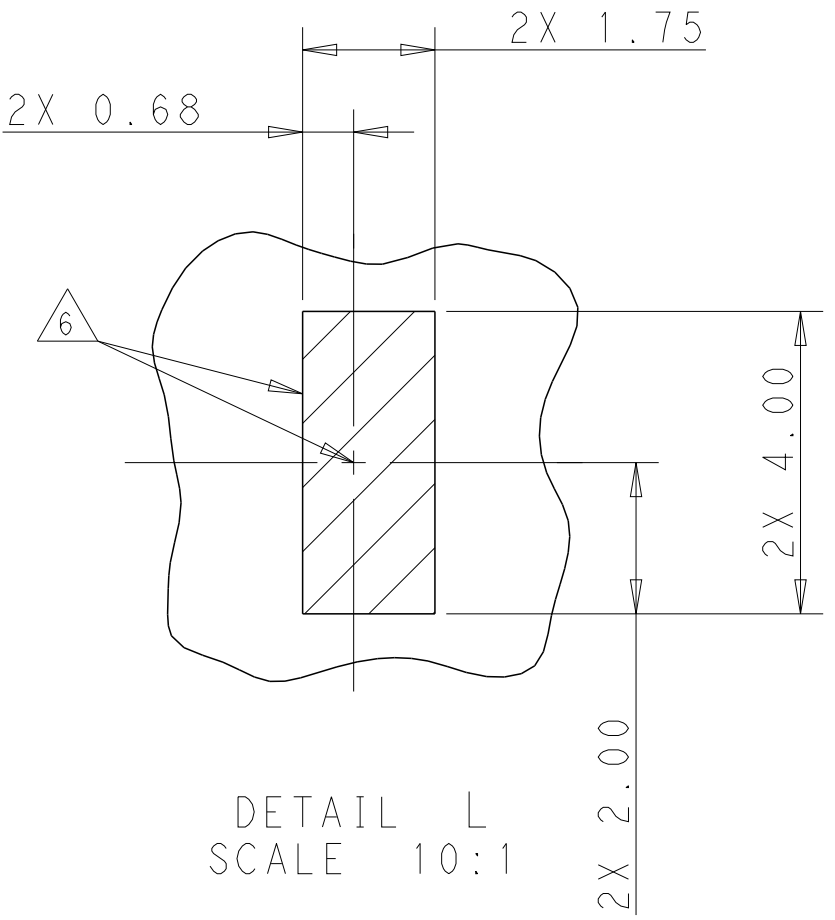
DETAIL B
SCALE 10:1



DETAIL J
LED PADS
SCALE 10:1



DETAIL K
SCALE 10:1

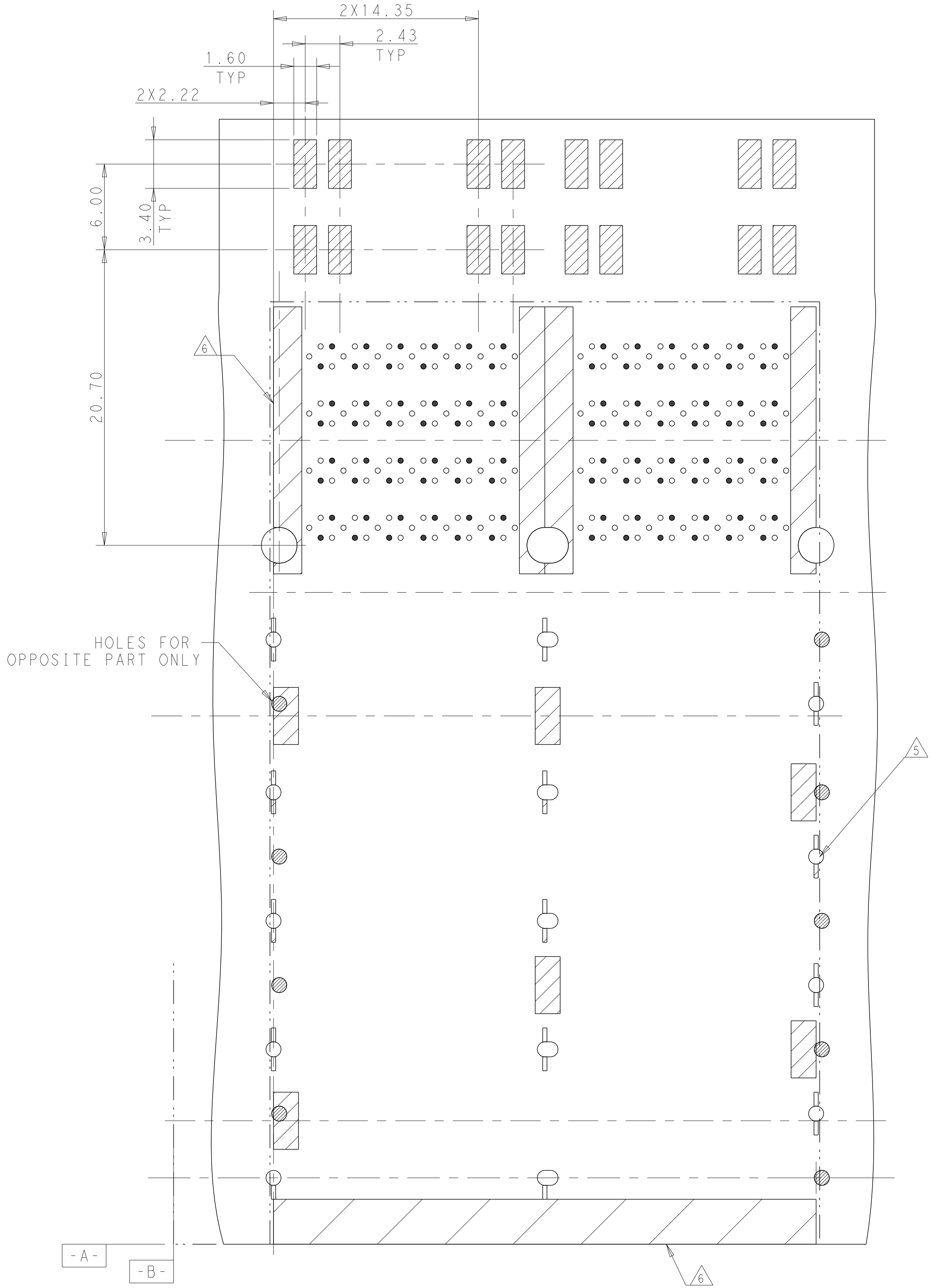


DETAIL L
SCALE 10:1

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 zQSFP+ 2X2 4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
DIMENSIONS:		CHK SEAN HAN 17AUG2016		
mm		APVD SEAN HAN 17AUG2016		
		PRODUCT SPEC		
		108-60102	NAME	
		APPLICATION SPEC		
		114-60015	SIZE	
MATERIAL		FINISH	CAGE CODE	
SEE NOTE 1		SEE NOTE 2	DRAWING NO	
			A100779	
			C=2308171	
			RESTRICTED TO	
			-	
			SCALE	
			1:1	
			SHEET	
			10 OF 11	
			REV	
			D10	

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		
DIMENSIONS:		CHK SEAN HAN	17AUG2016			
mm		APVD SEAN HAN	17AUG2016	NAME	zOSFP+ 2X2.4 INTERNAL LIGHT PIPES WITH EMI SPRING FINGERS, BELLY TO BELLY APPLICATION	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
		0 PLC ±		108-60102		
		1 PLC ±0.25		APPLICATION SPEC		
		2 PLC ±0.20		SIZE	CAGE CODE	DRAWING NO
		3 PLC ±		114-60015	2308171	11
		4 PLC ±		WEIGHT	-	
		ANGLES		CUSTOMER DRAWING	SCALE 1:1	
		FINISH		SHEET 11 OF 11		REV 10
MATERIAL		SEE NOTE 1		SEE NOTE 2		
SEE NOTE 1		SEE NOTE 2		CUSTOMER DRAWING		