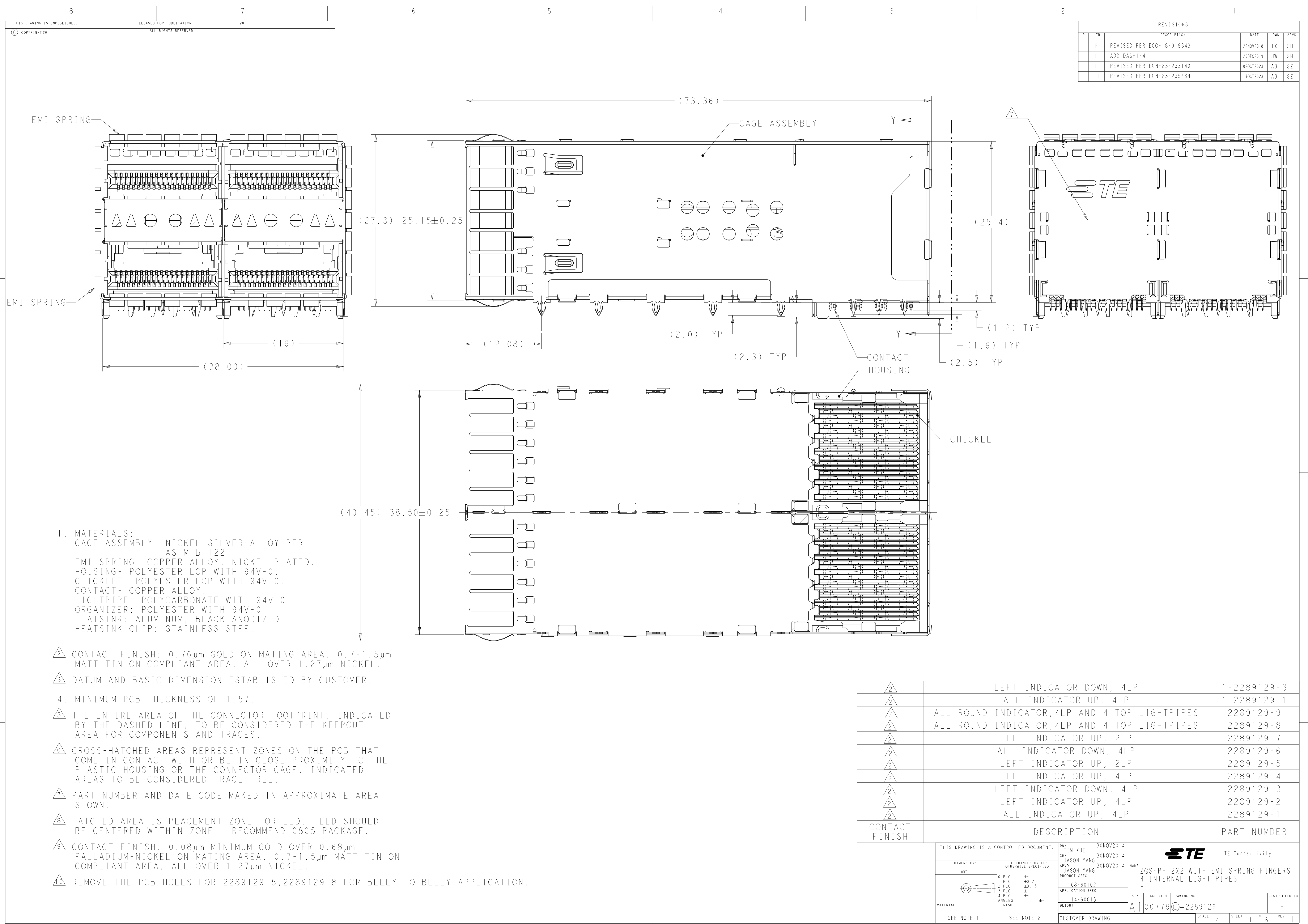
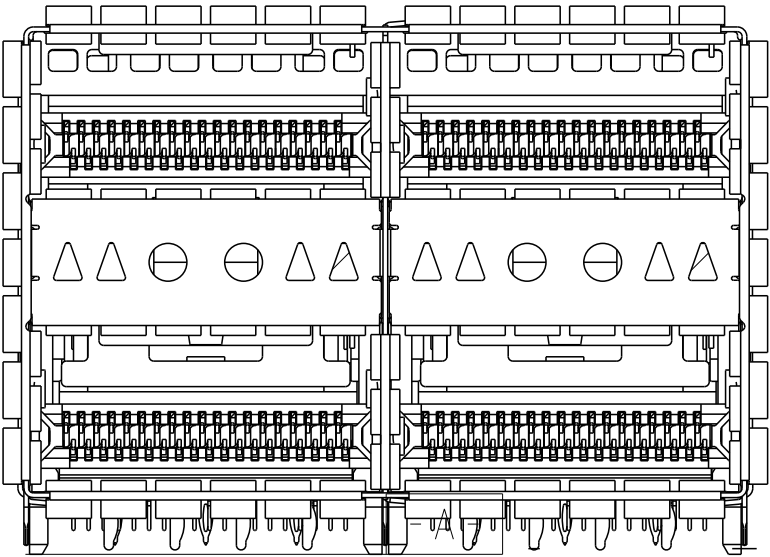




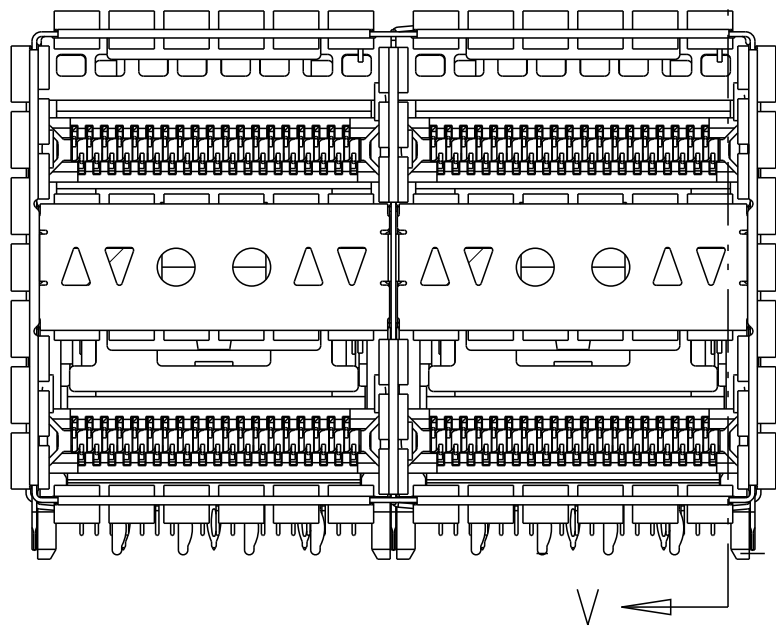
1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
ORGANIZER: POLYESTER WITH 94V-0
HEATSINK: ALUMINUM, BLACK ANODIZED
HEATSINK CLIP: STAINLESS STEEL
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.
10. REMOVE THE PCB HOLES FOR 2289129-5,2289129-8 FOR BELLY TO BELLY APPLICATION.

2	LEFT INDICATOR DOWN, 4LP	1-2289129-3
2	ALL INDICATOR UP, 4LP	1-2289129-1
2	ALL ROUND INDICATOR,4LP AND 4 TOP LIGHTPIPES	2289129-9
2	ALL ROUND INDICATOR,4LP AND 4 TOP LIGHTPIPES	2289129-8
2	LEFT INDICATOR UP, 2LP	2289129-7
2	ALL INDICATOR DOWN, 4LP	2289129-6
2	LEFT INDICATOR UP, 2LP	2289129-5
2	LEFT INDICATOR UP, 4LP	2289129-4
2	LEFT INDICATOR DOWN, 4LP	2289129-3
2	LEFT INDICATOR UP, 4LP	2289129-2
2	ALL INDICATOR UP, 4LP	2289129-1
CONTACT FINISH	DESCRIPTION	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: TIM XUE 30NOV2014 CHK: JASON YANG 30NOV2014 APVD: JASON YANG 30NOV2014
mm	0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	NAME: JASON YANG PRODUCT SPEC: 108-60102 APPLICATION SPEC: 114-60015 WEIGHT: -
MATERIAL	SEE NOTE 1	SEE NOTE 2
CUSTOMER DRAWING		SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2289129 RESTRICTED TO: -
SCALE: 4:1		SHEET: 1 OF 6 REV: F1

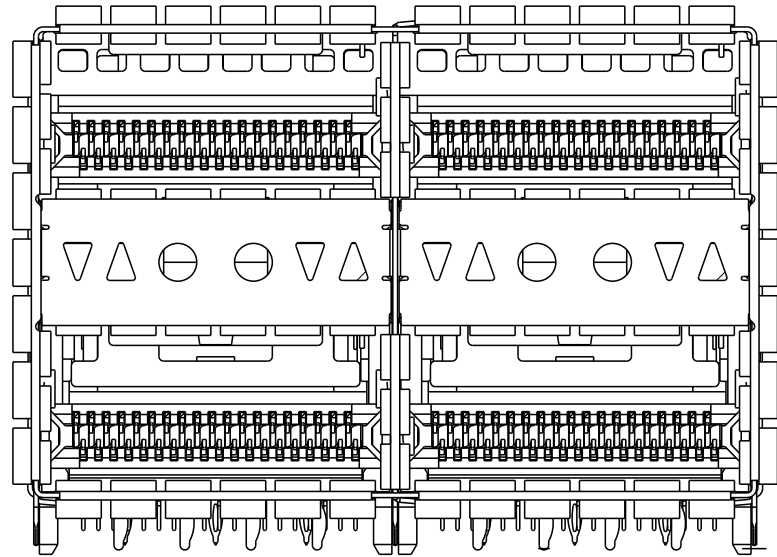
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



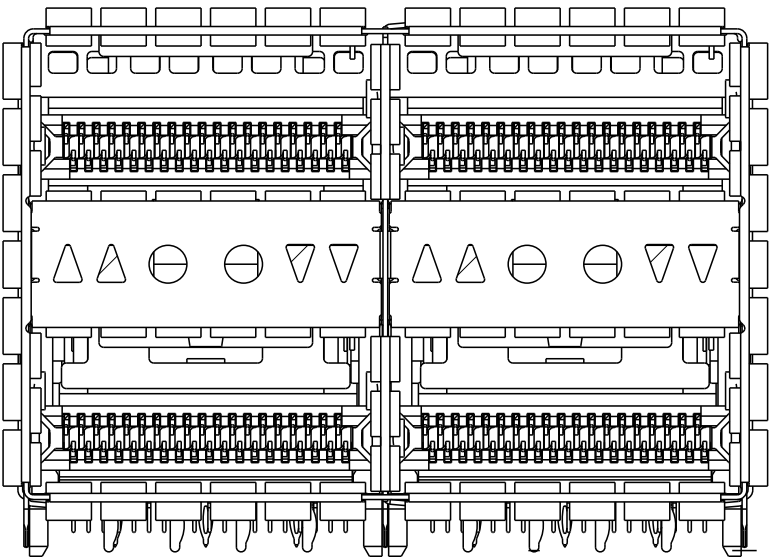
2289129-1
ALL INDICATORS UP
SCALE 5:2



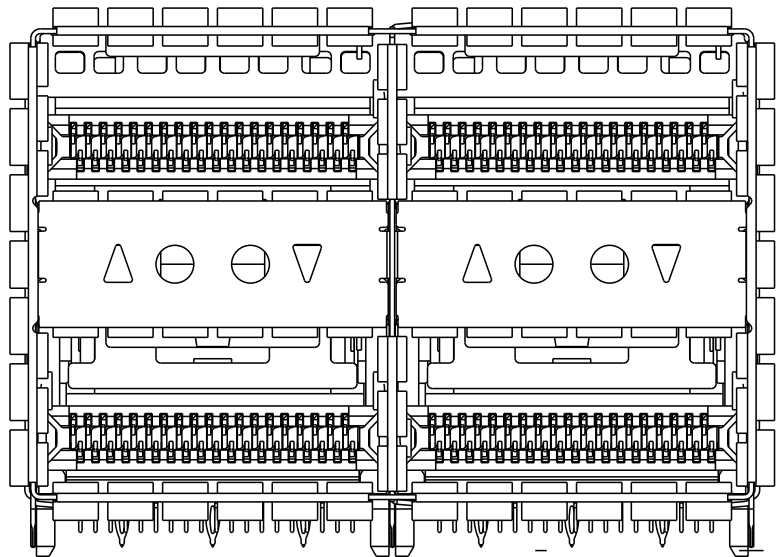
2289129-2
LEFT INDICATOR UP
SCALE 5:2



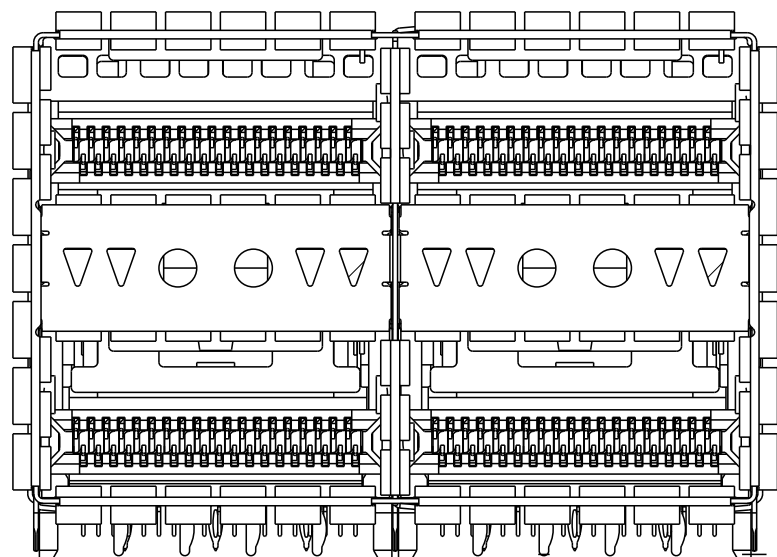
2289129-3
LEFT INDICATOR DOWN
SCALE 5:2



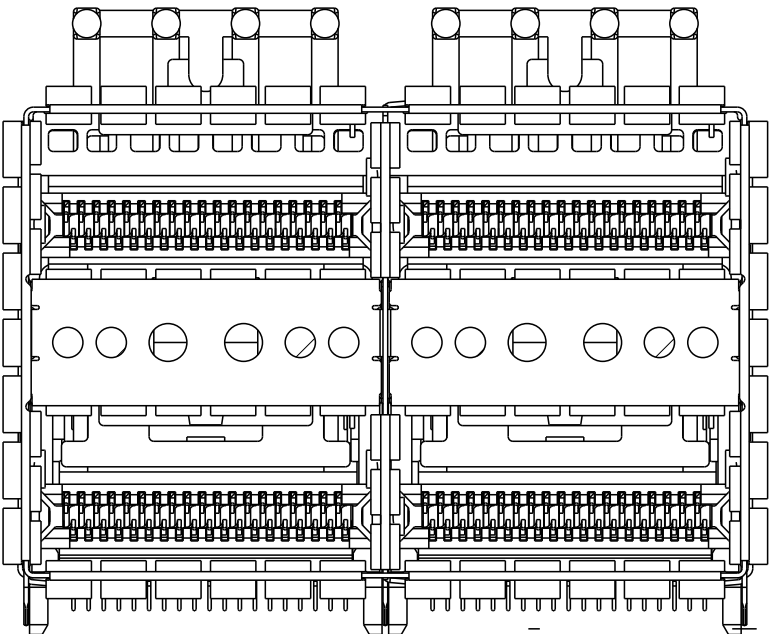
2289129-4
LEFT INDICATOR UP
SCALE 5:2



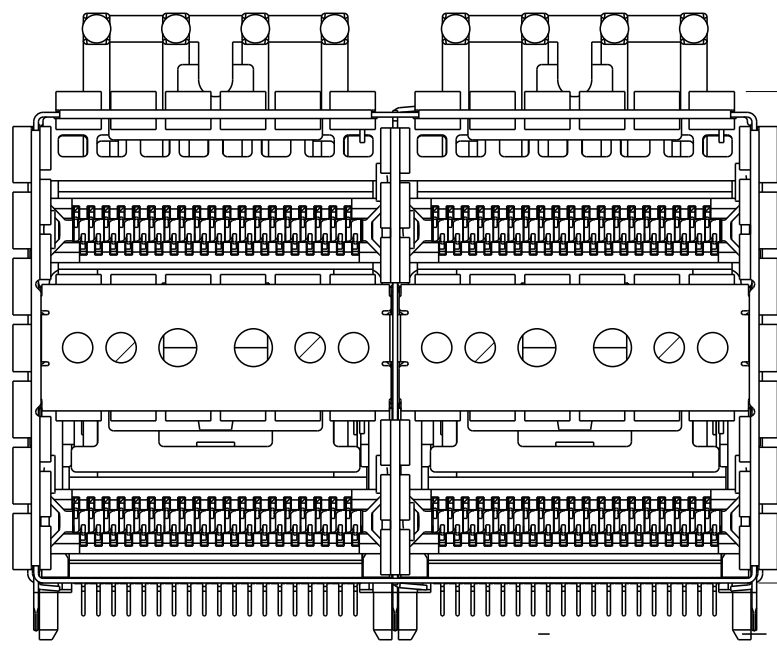
2289129-5
2289129-7
LEFT INDICATORS UP(2 LIGHT PIPES)
SCALE 5:2



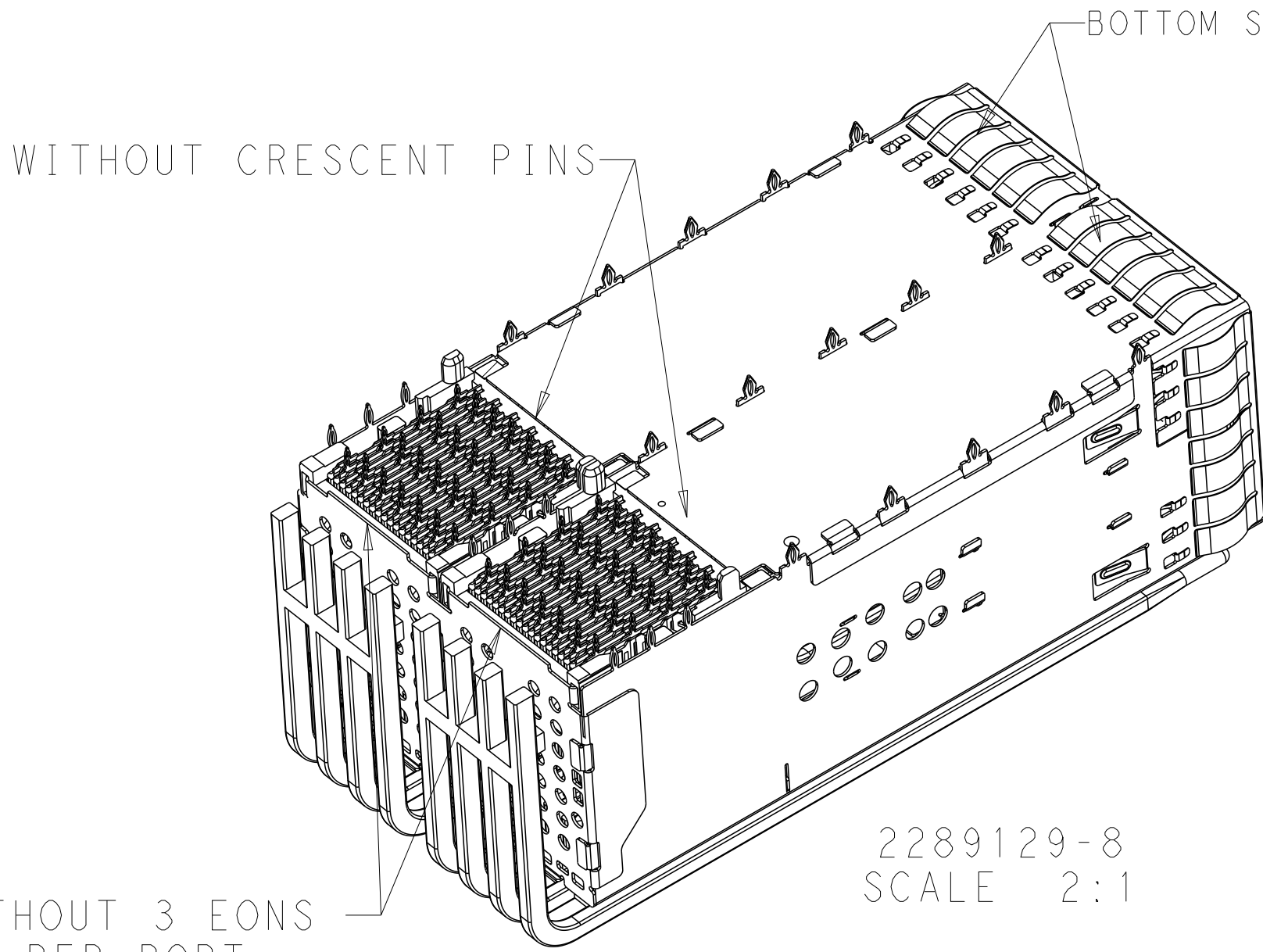
2289129-6
ALL INDICATORS DOWN
SCALE 5:2



2289129-8
SCALE 5:2

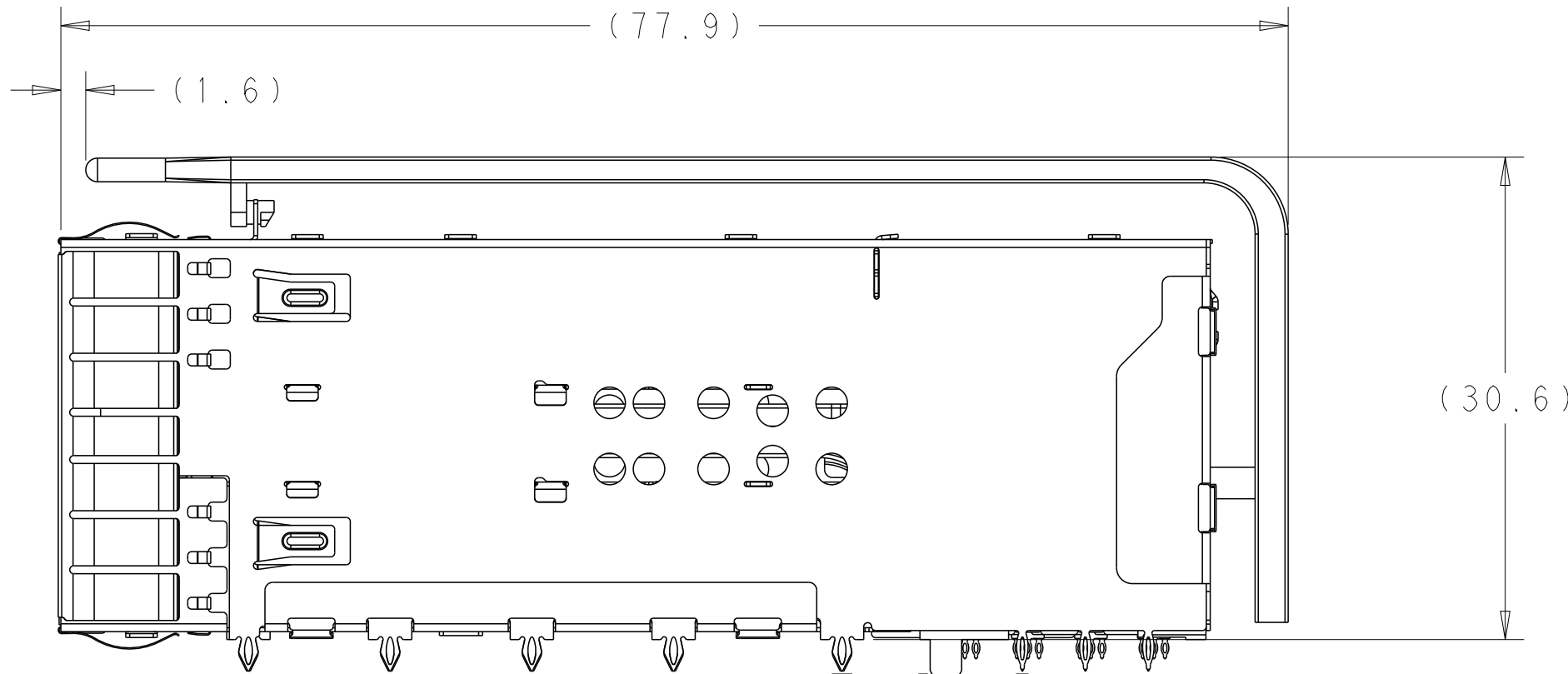


2289129-9 SAME TO 2289129-8
EXCEPT REMOVE THE BOTTOM SPRINGS
SCALE 5:2

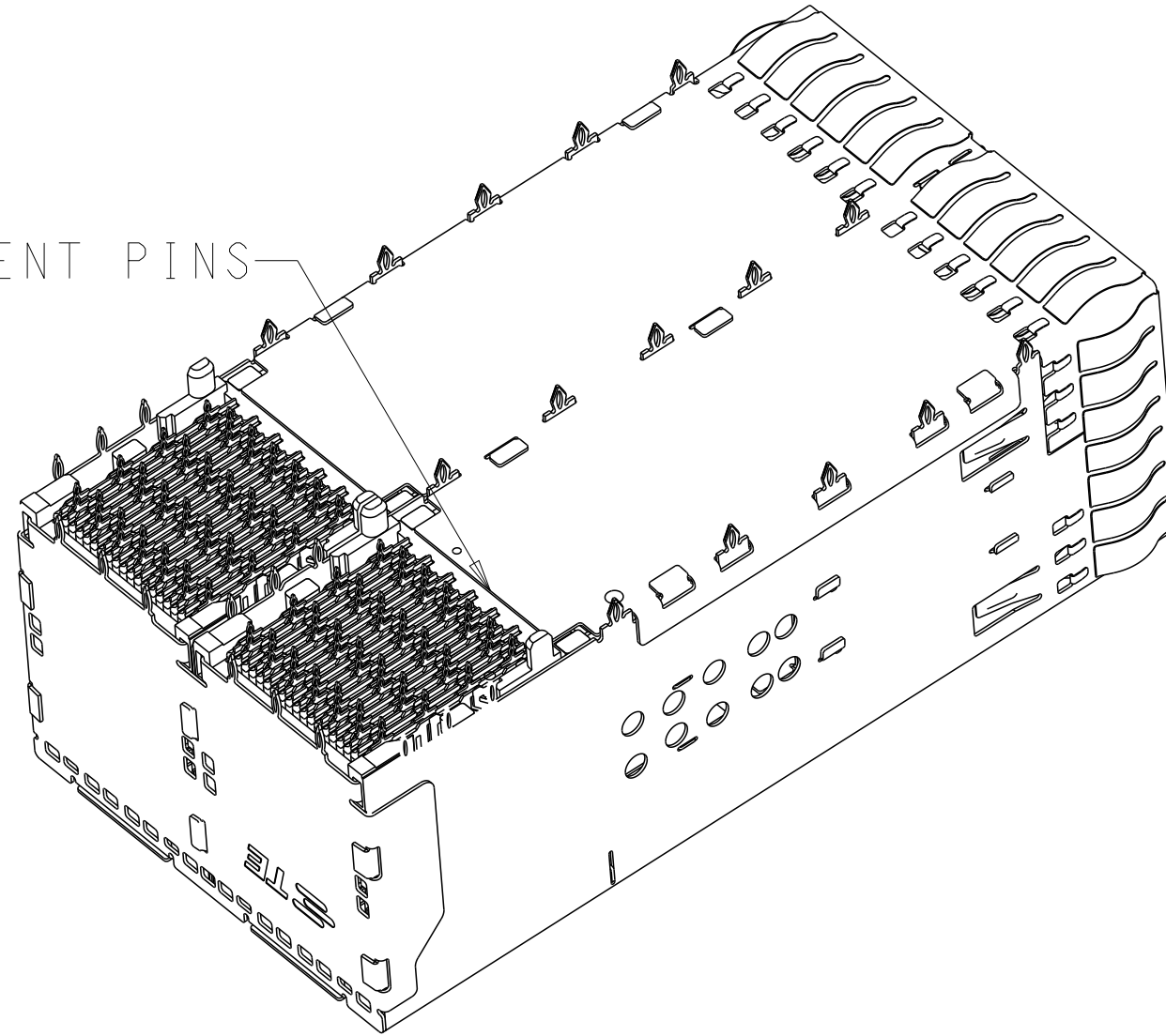


2289129-8
SCALE 2:1

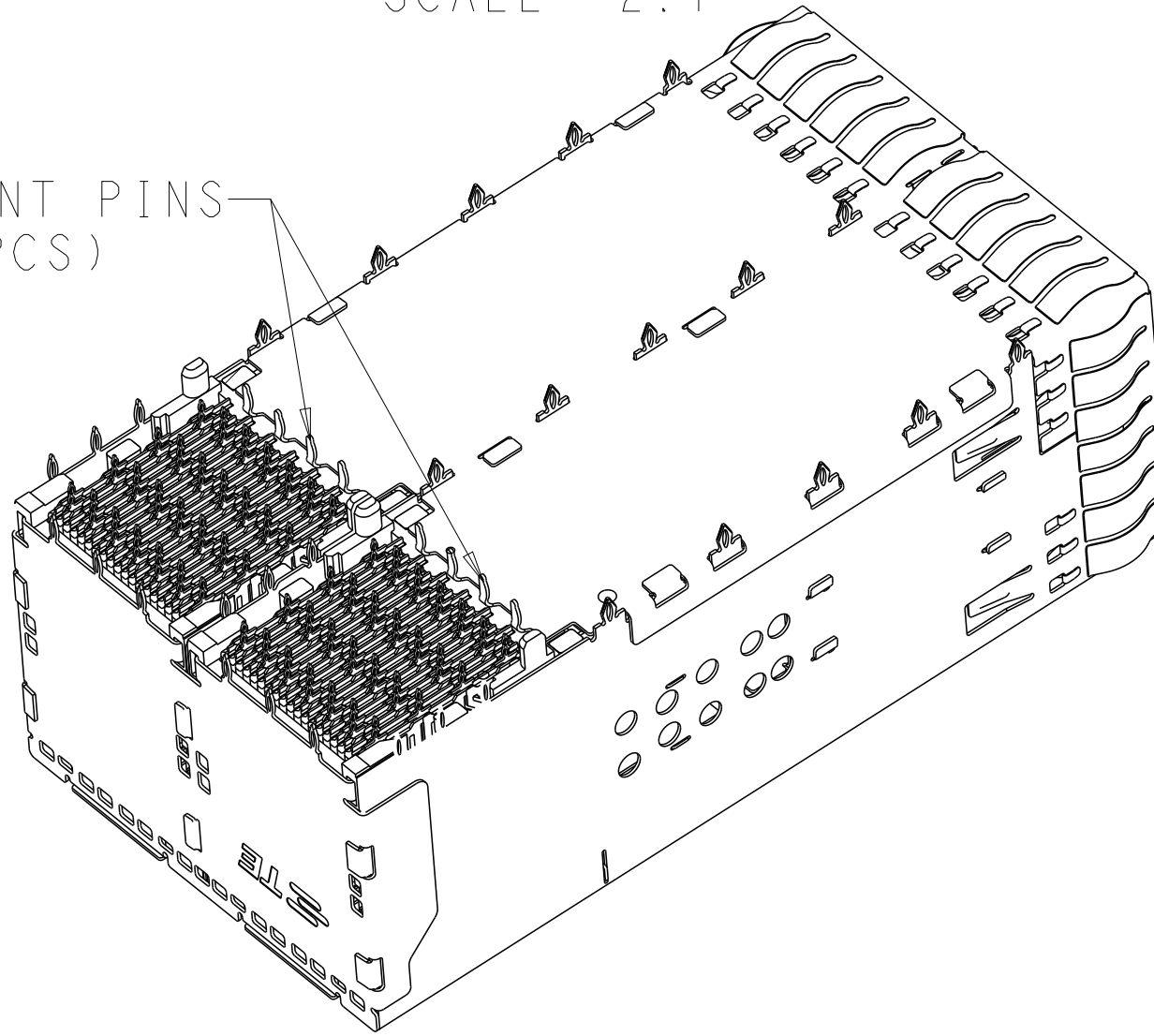
WITHOUT 3 EONS
PER PORT



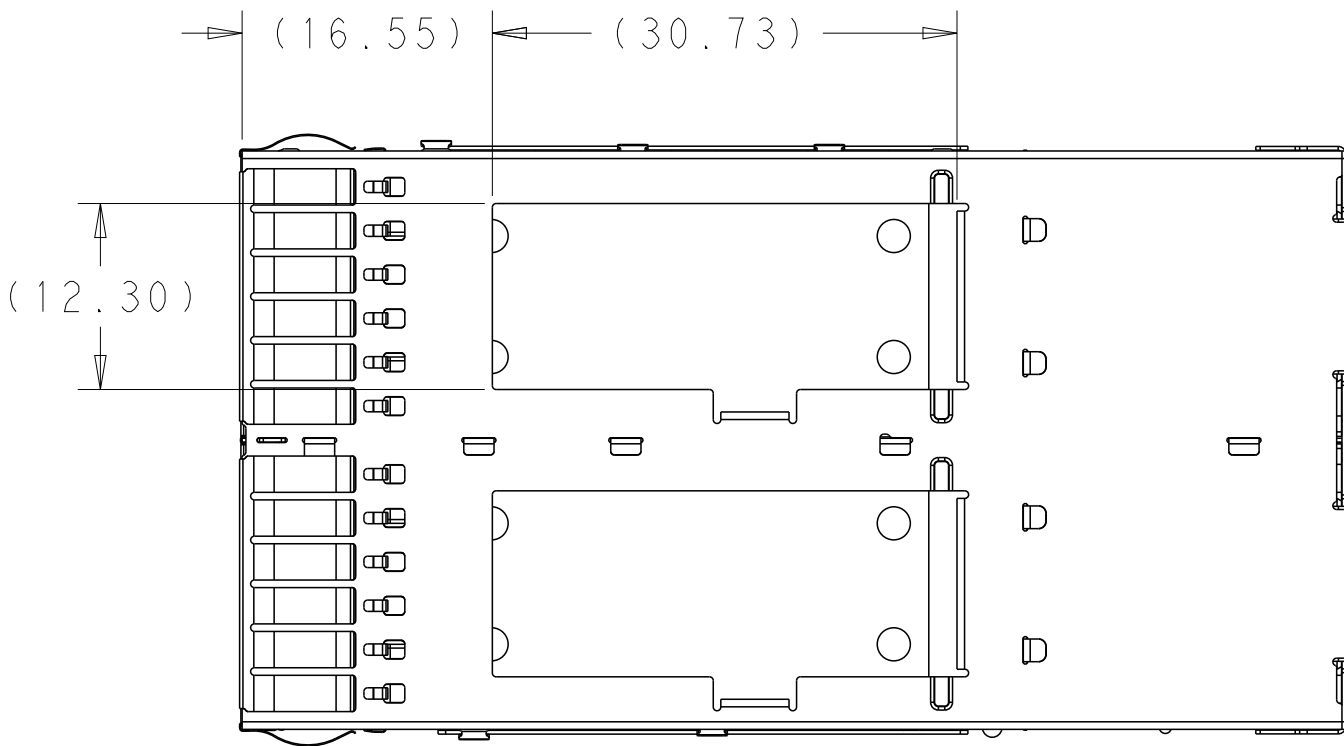
2289129-8
2289129-9 WITHOUT BOTTOM SPRINGS
SCALE 5:2



2289129-5,2289129-7
WITHOUT CRESCENT PINS AS SHOWN
SCALE 2:1



2289129-1 TO 2289129-4 & 2289129-6,
WITH CRESCENT PINS AS SHOWN
SCALE 2:1



2289129-7 AS SHOWN WITH TOP SLOTS
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JIM XUE 30NOV2014	 TE Connectivity				
DIMENSIONS:		CHK JASON YANG 30NOV2014					
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	ZQSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES -			
	0 PLC ±		APVD JASON YANG 30NOV2014				
	1 PLC ±0.25		PRODUCT SPEC				
	2 PLC ±0.15		108-60102				
	3 PLC ±		APPLICATION SPEC				
	4 PLC ±		114-60015				
ANGLES ±		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
FINISH		WEIGHT		A100779C=2289129		-	
MATERIAL		CUSTOMER DRAWING		SCALE	4:1	SHEET 2 OF 6	REV F1
SEE NOTE 1		SEE NOTE 2					

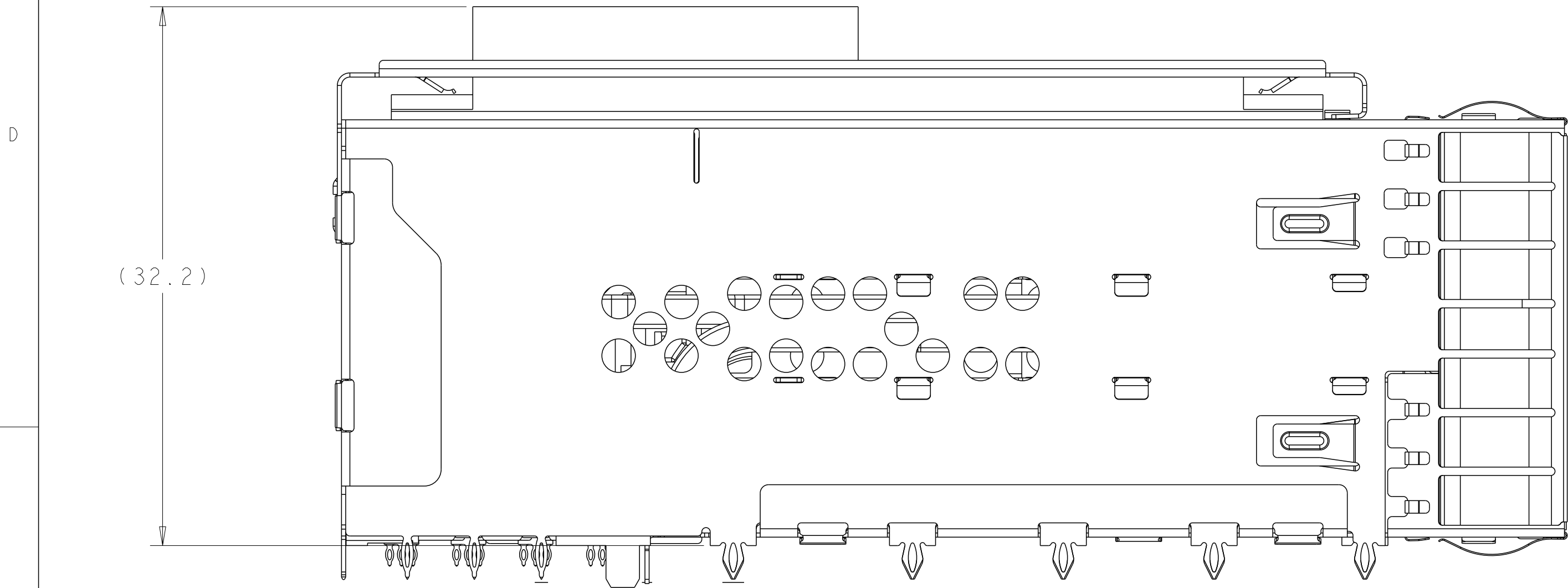
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

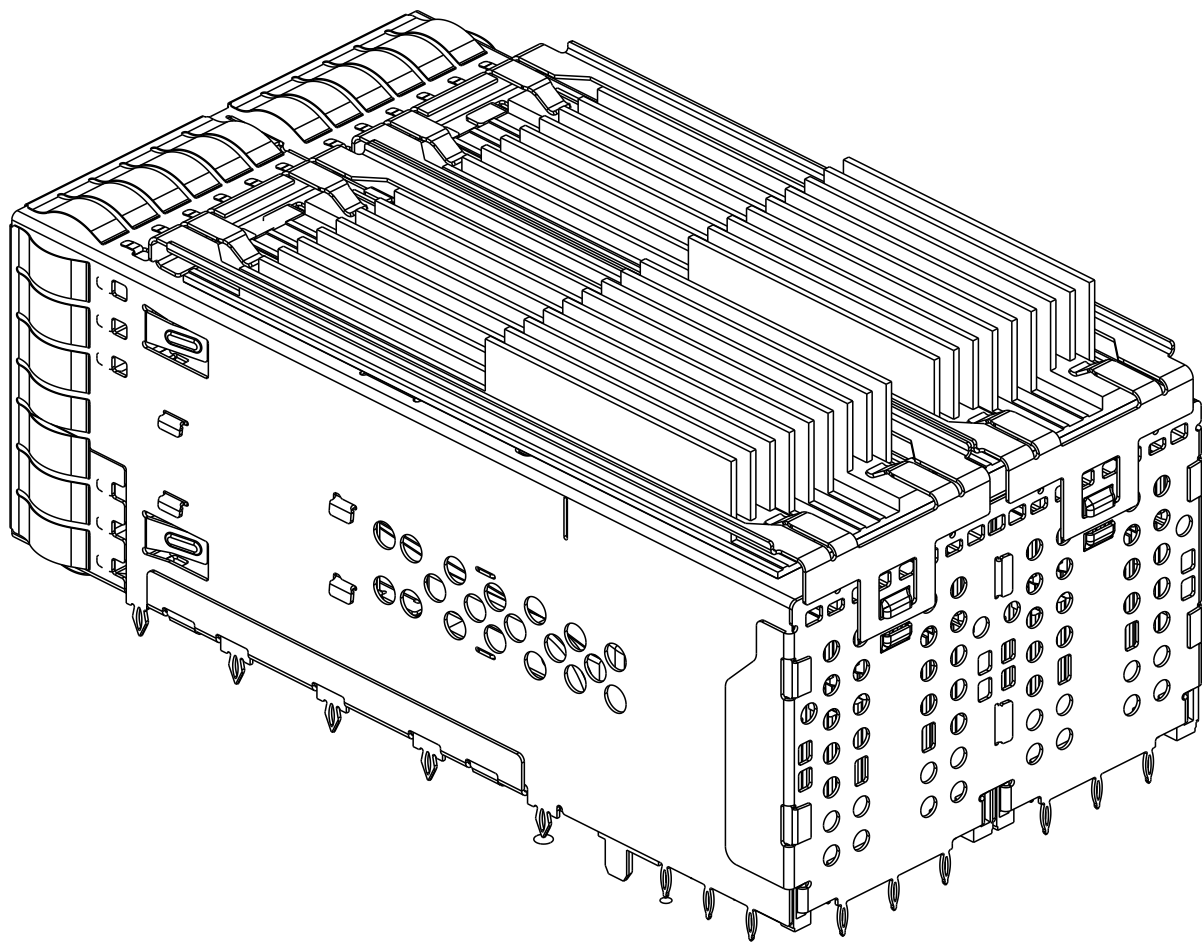
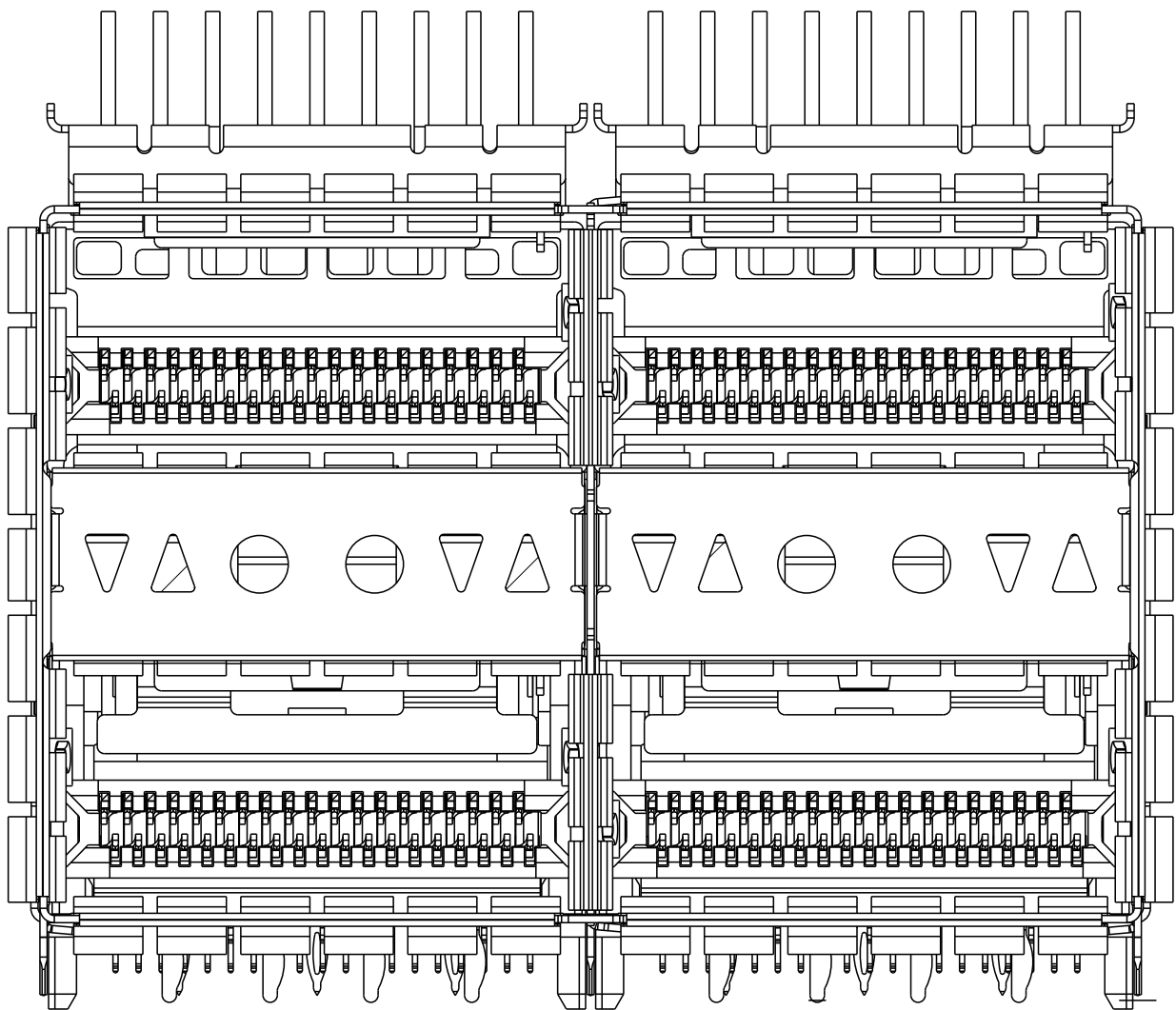
C

B

A

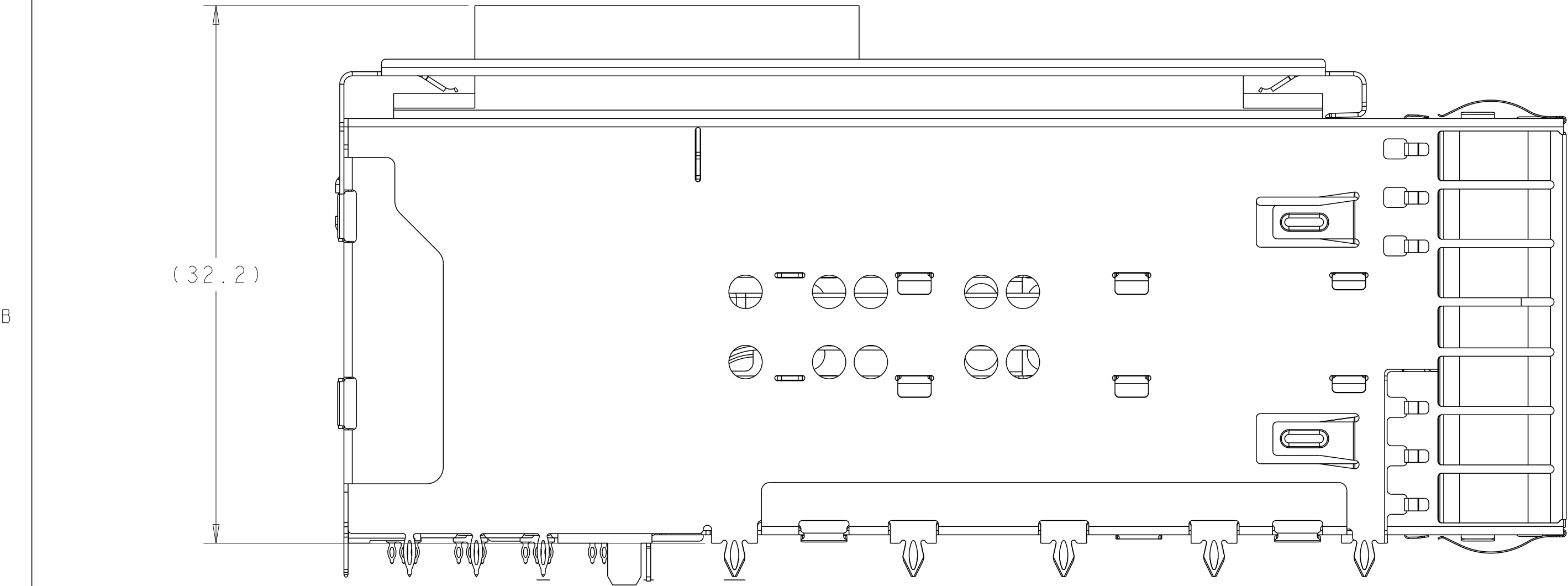


1-2289129-3
SCALE 4:1

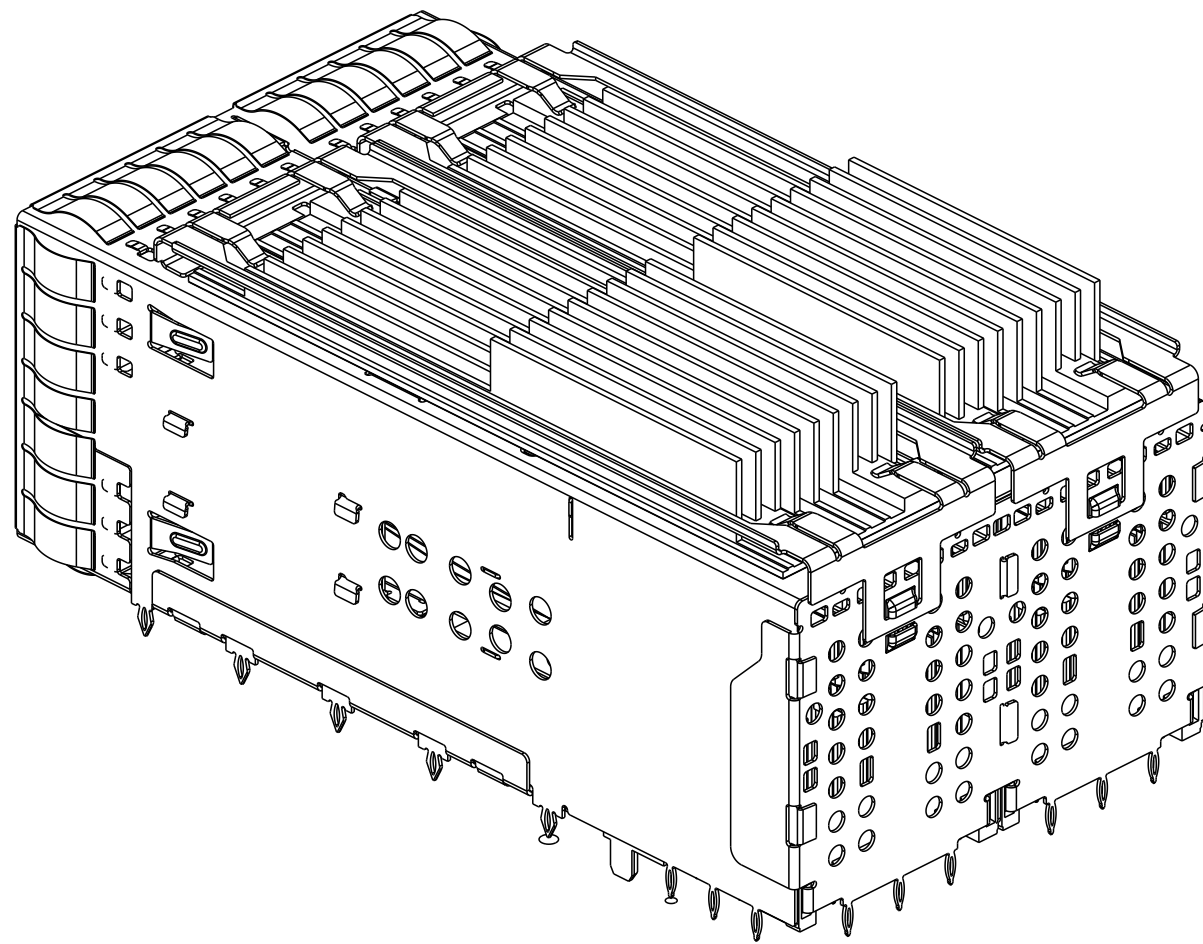
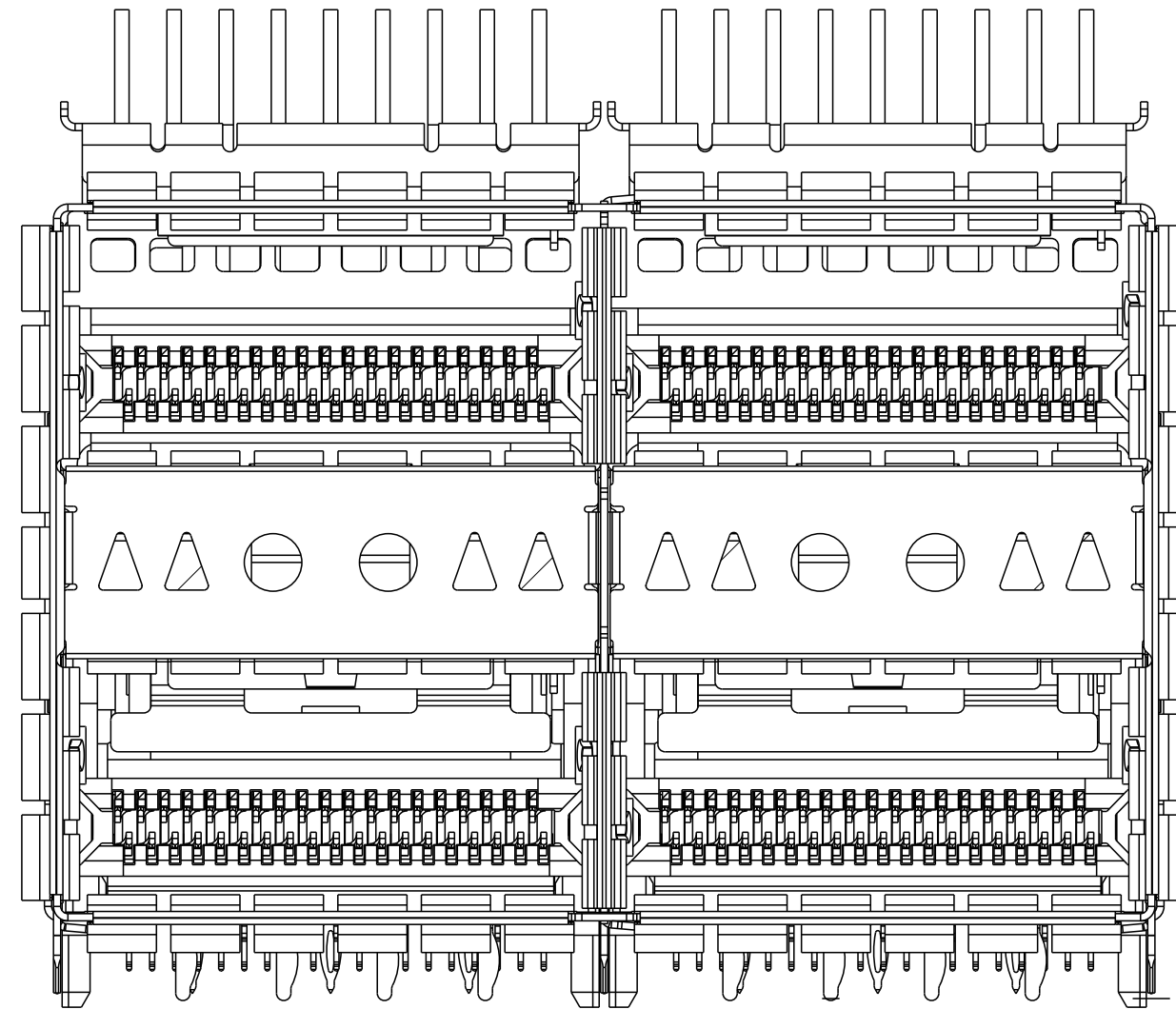


1-2289129-3
SCALE 2:1

C



1-2289129-1
SCALE 4:1



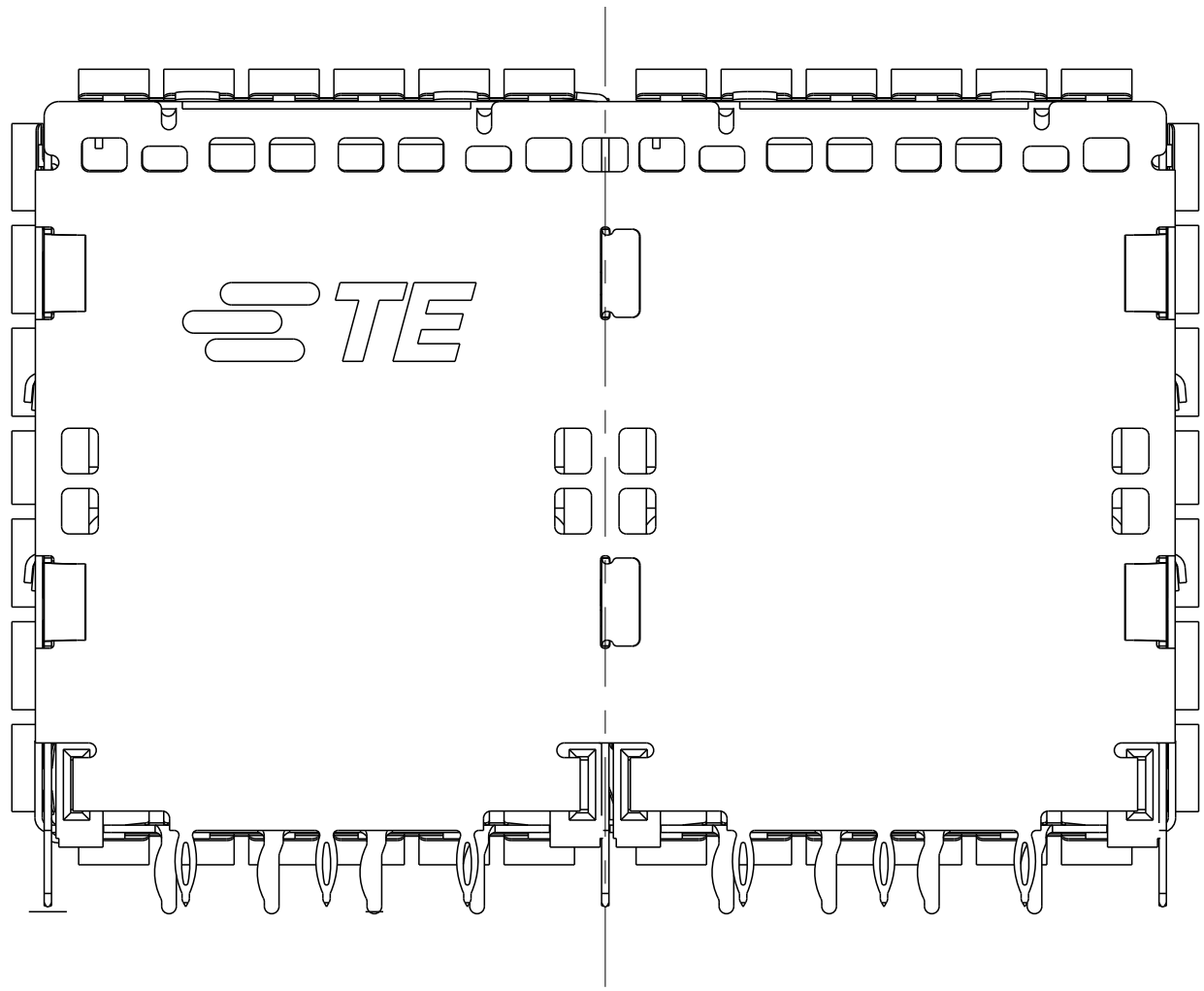
1-2289129-1
SCALE 2:1

B

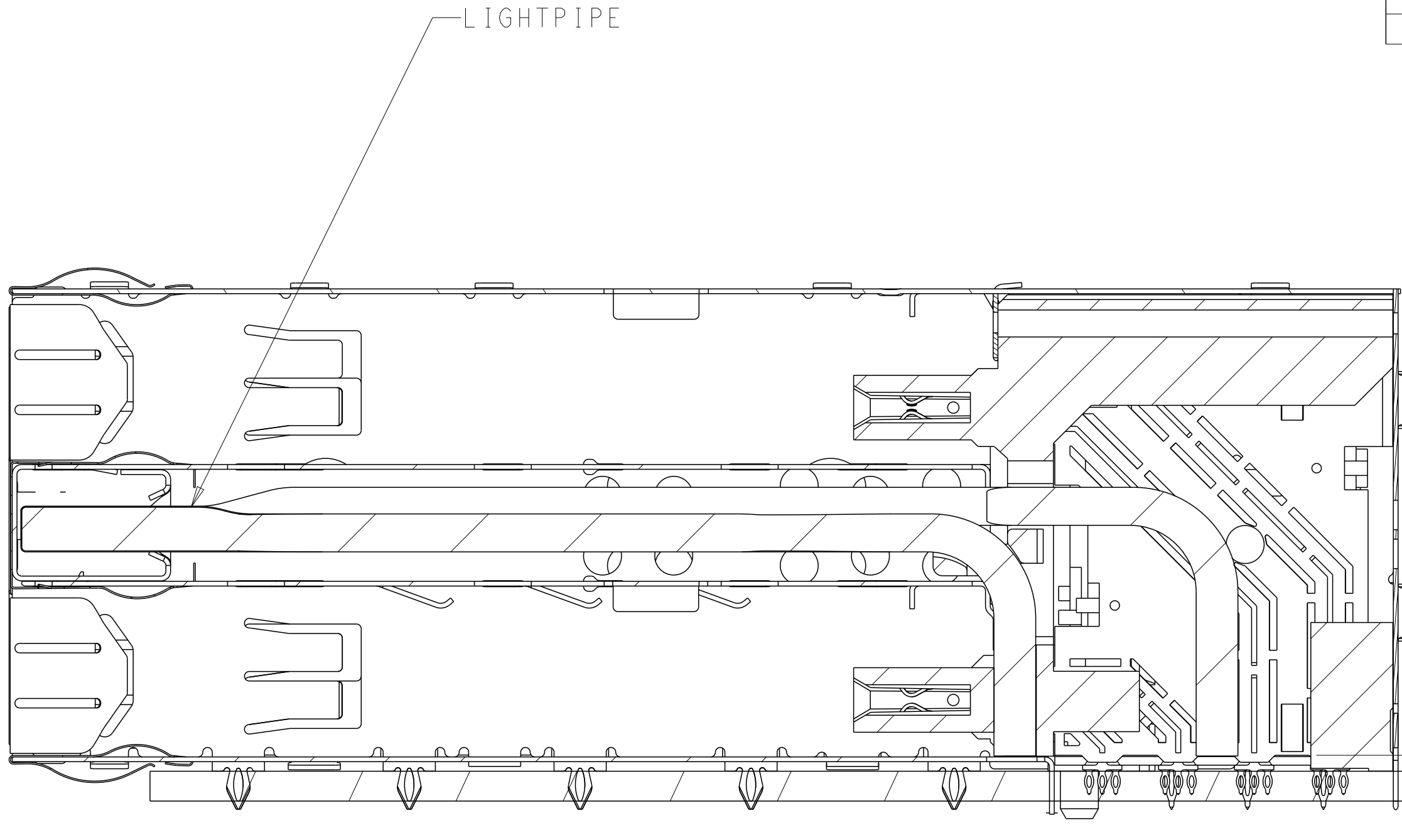
A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JIM XUE 30NOV2014	 TE Connectivity	
DIMENSIONS: mm		CHK JASON YANG 30NOV2014		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	ZQSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES -
	0 PLC	±	APVD JASON YANG 30NOV2014	
	1 PLC	±0.25	PRODUCT SPEC	
	2 PLC	±0.15	108-60102	
	3 PLC	±	APPLICATION SPEC	
4 PLC ANGLES		±	114-60015	
FINISH		-	WEIGHT	-
MATERIAL		-	SIZE CAGE CODE DRAWING NO	
SEE NOTE 1		SEE NOTE 2	A100779C=2289129	
CUSTOMER DRAWING			RESTRICTED TO	
			-	
			SCALE 4:1	SHEET 3 OF 6 REV F1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



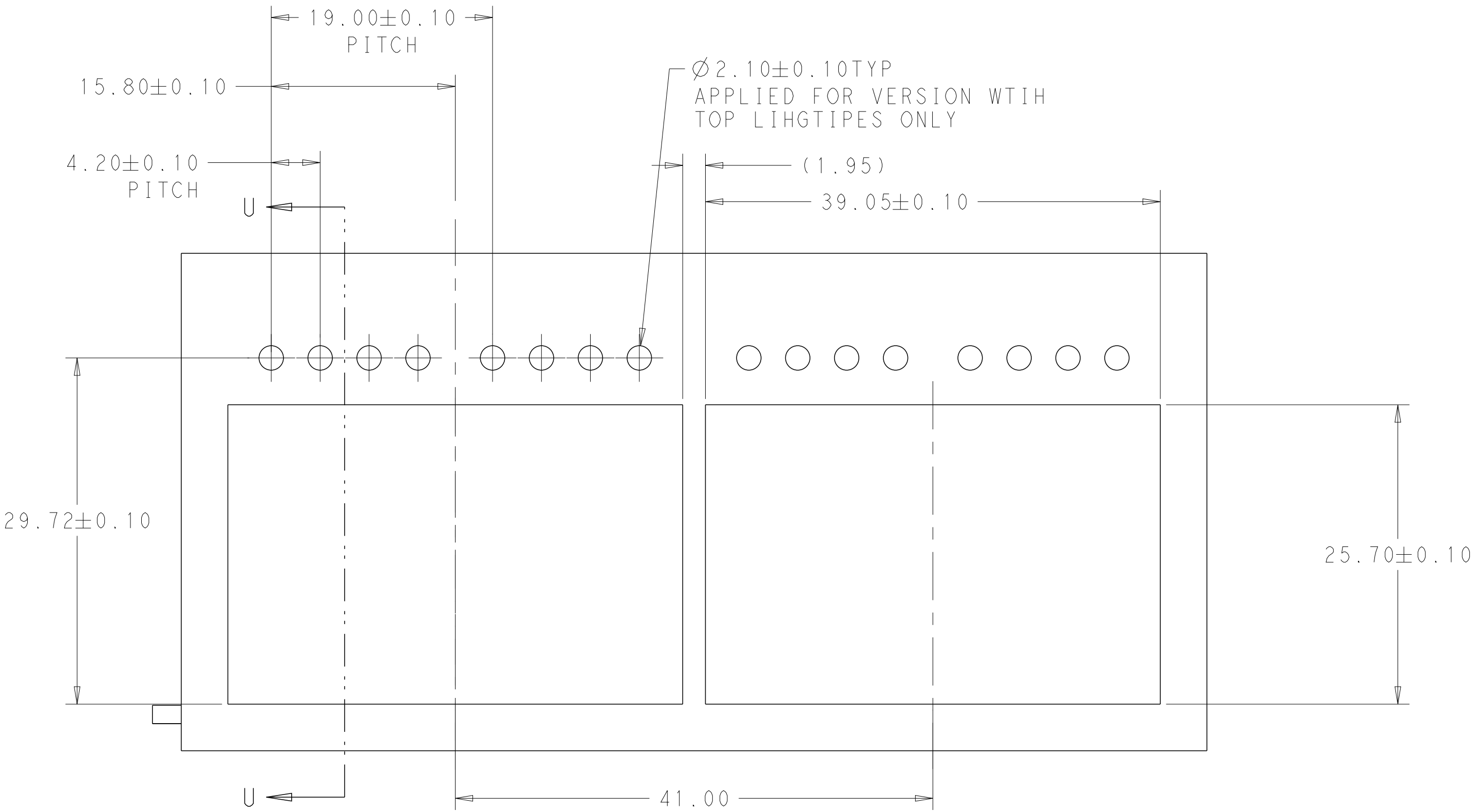
VIEW Y-Y



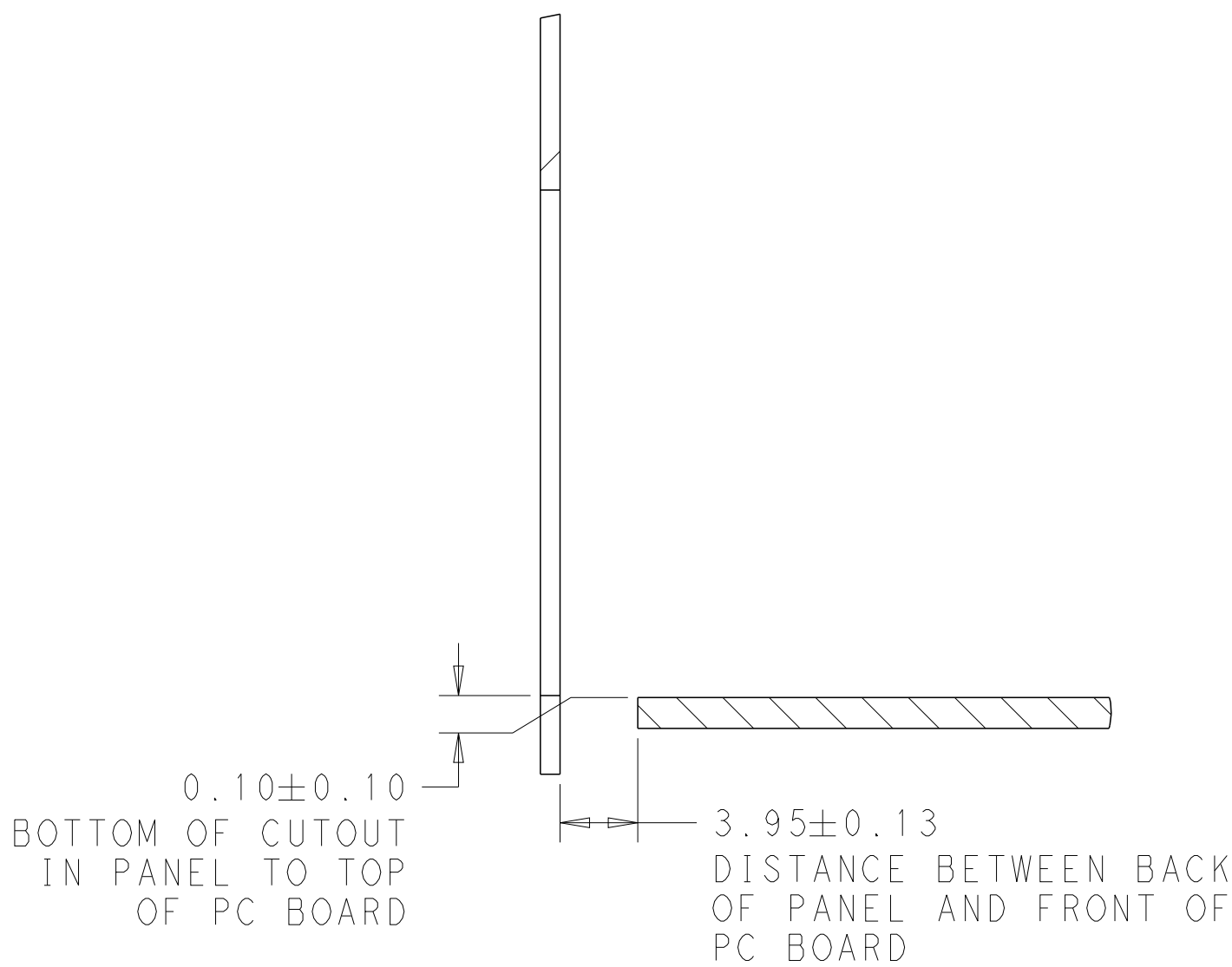
SECTION V-V
SCALE 4:1

(0.80)
RECOMMENDED 0805
PACKAGE SMD CHIP
LED LAMPS

1.57 MIN PCB THICKNESS

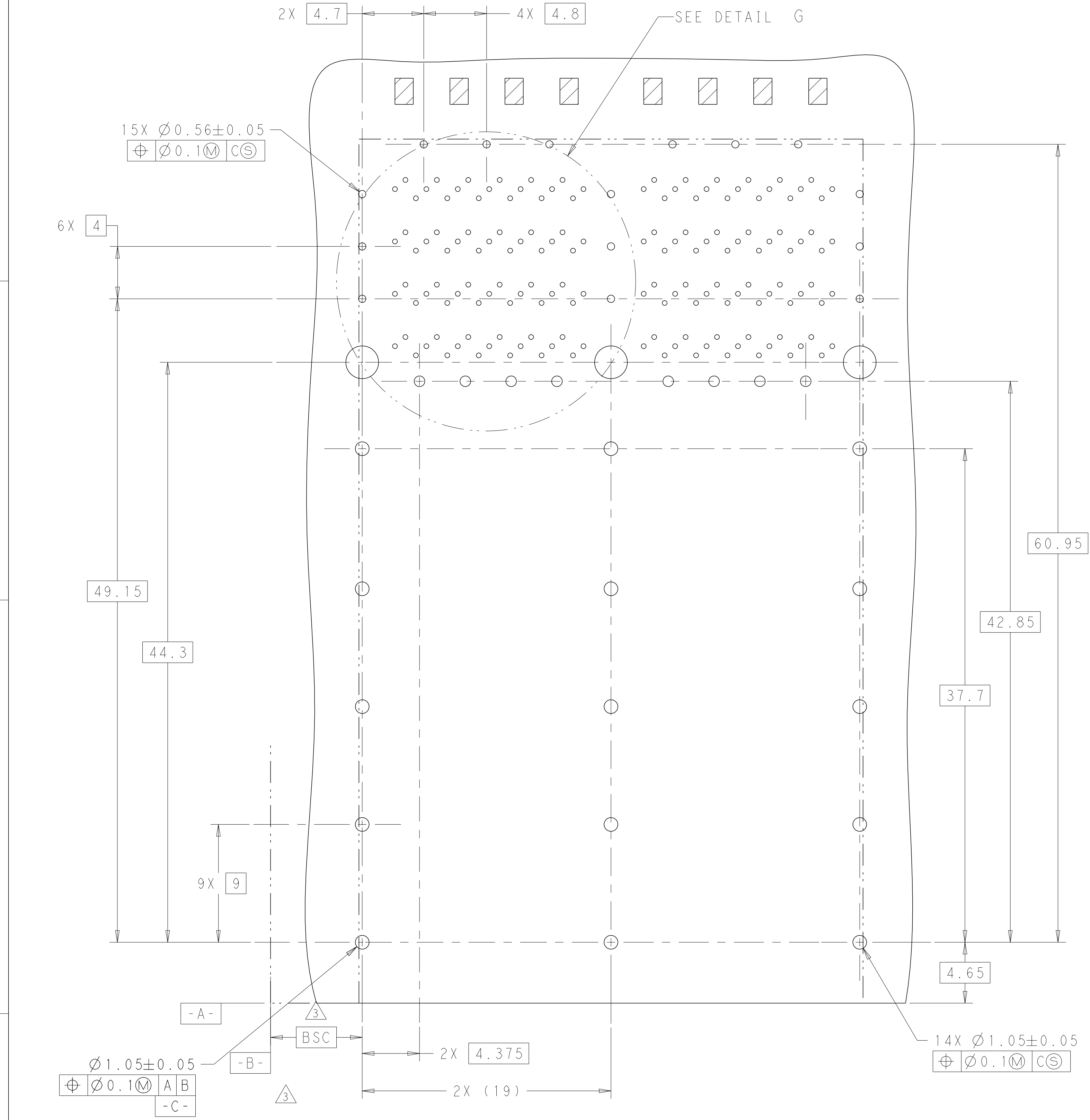


RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION
SCALE 3:1

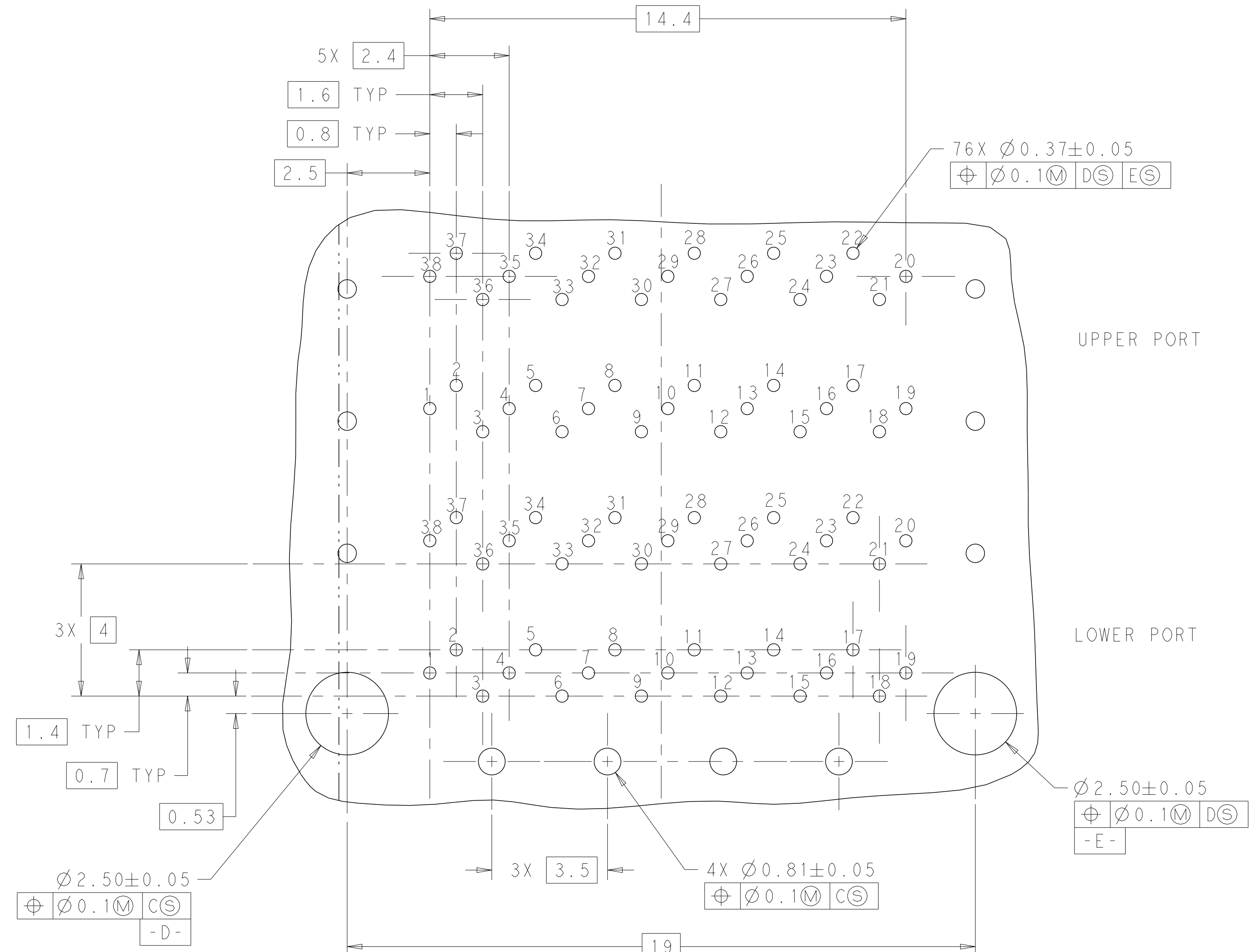


SECTION U-U

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 30NOV2014	TE Connectivity	
DIMENSIONS:		CHK JASON YANG 30NOV2014		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD JASON YANG 30NOV2014	NAME	ZOSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES
	0 PLC	±	PRODUCT SPEC	-
	1 PLC	±0.25	APPLICATION SPEC	-
	2 PLC	±0.15	SIZE	A1
	3 PLC	±	CAGE CODE	00779
MATERIAL		114-60015	DRAWING NO	2289129
SEE NOTE 1		WEIGHT	REV F1	
SEE NOTE 2		CUSTOMER DRAWING	SCALE 4:1 SHEET 4 OF 6	



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



DETAIL G
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.25
2 PLC	±0.15
3 PLC	±
4 PLC	±
ANGLES	±
FINISH	±

MATERIAL

SEE NOTE 1

SEE NOTE 2

DWN: TIM XUE 30NOV2014

CHK: JASON YANG 30NOV2014

APVD: JASON YANG 30NOV2014

PRODUCT SPEC: 108-60102

APPLICATION SPEC: 114-60015

WEIGHT: -

CUSTOMER DRAWING

NAME: ZOSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES

SIZE: A1

CAGE CODE: 00779

DRAWING NO: C=2289129

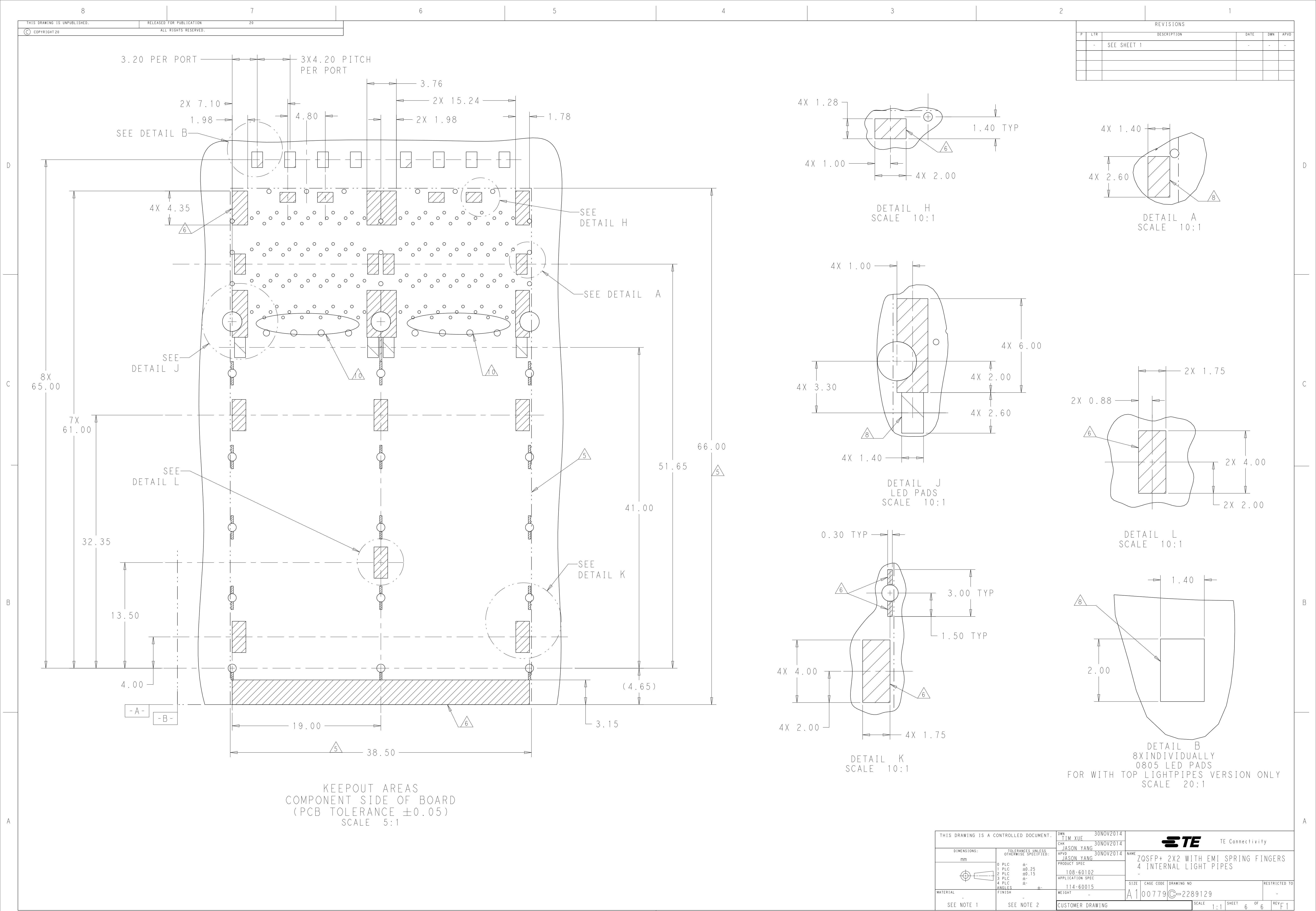
RESTRICTED TO: -

SCALE: 1:1

SHEET: 5 OF 6

REV: F1

TE Connectivity



REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 30NOV2014	 TE Connectivity	
		CHK JASON YANG 30NOV2014		
DIMENSIONS:		APVD JASON YANG 30NOV2014	NAME ZQSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES -	
mm		PRODUCT SPEC 108-60102		
		APPLICATION SPEC 114-60015		
TOLERANCES UNLESS OTHERWISE SPECIFIED:				
0 P L/C ± 1 P L/C ±0.25 2 P L/C ±0.15 3 P L/C ± 4 P L/C ± ANGLES ±°				
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO	
-	-	-	A100779C=2289129	
SEE NOTE 1		CUSTOMER DRAWING		RESTRICTED TO
SEE NOTE 2		SCALE 1:1		-
		SHEET 6 OF 6		
		REV F1		