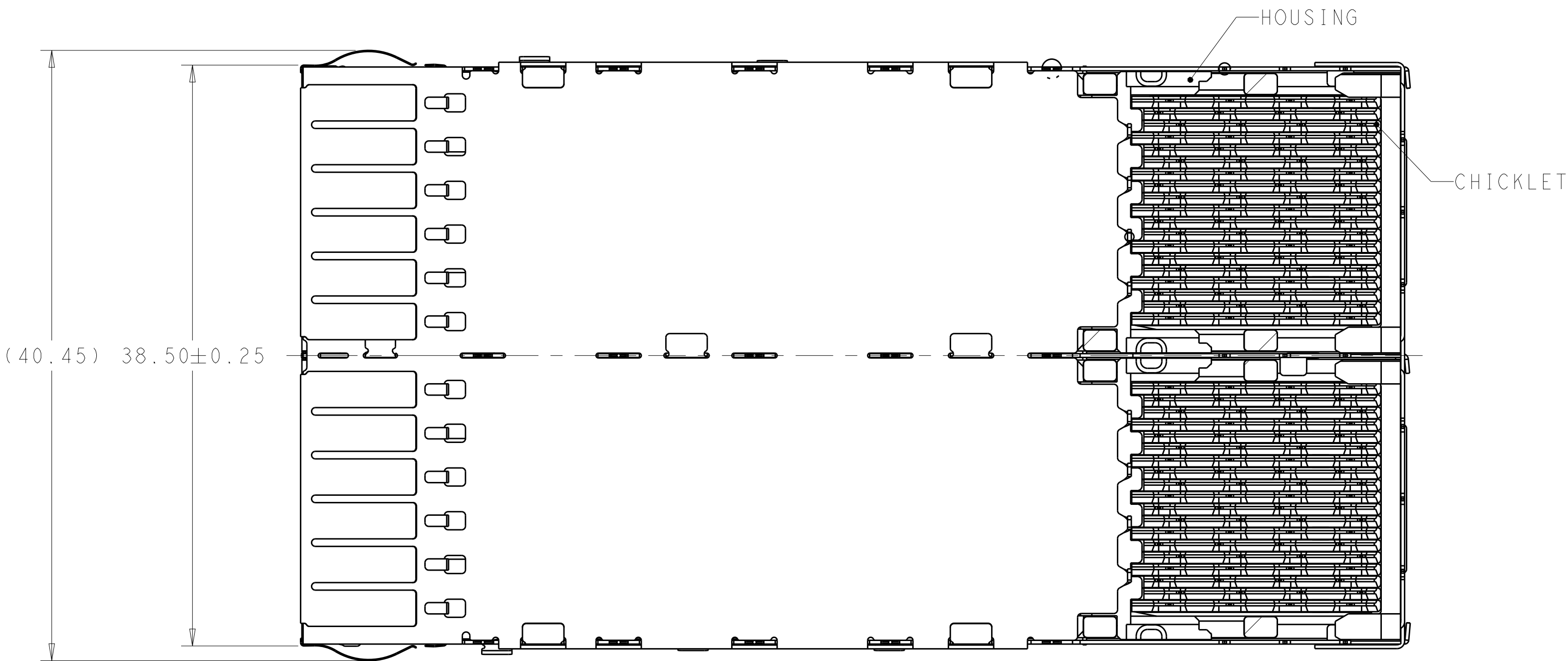
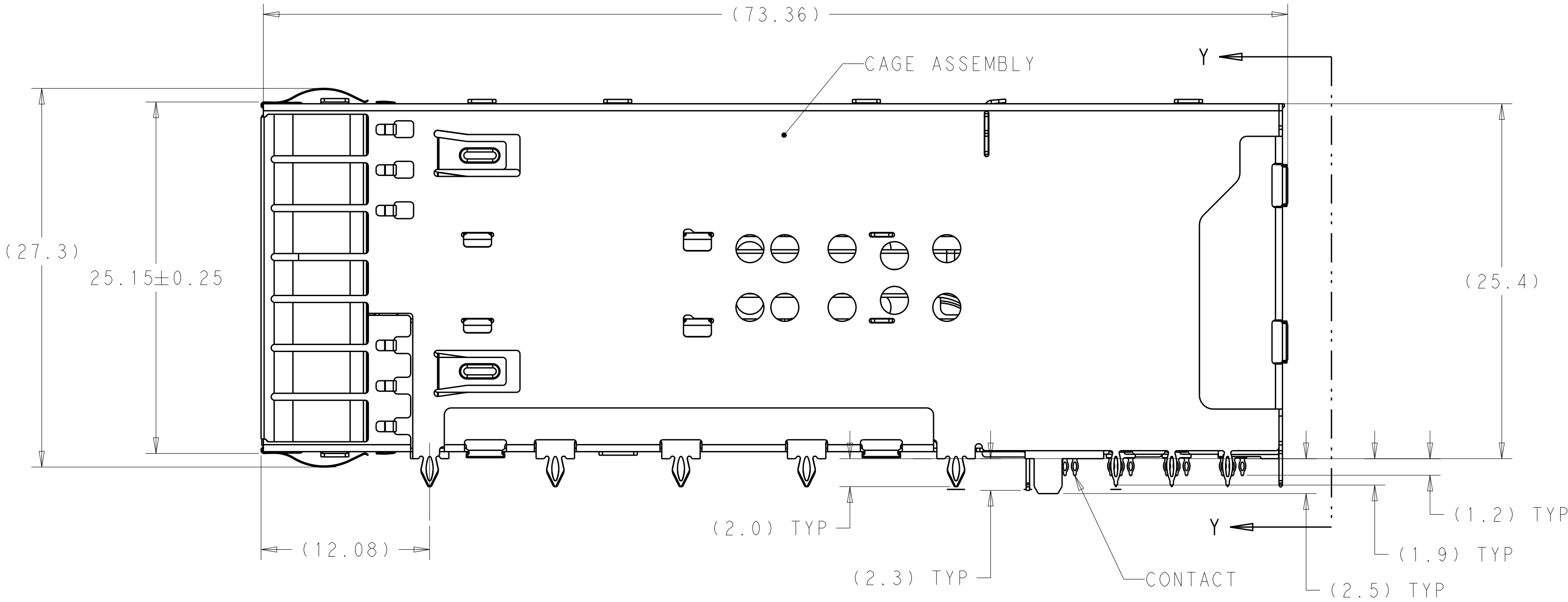
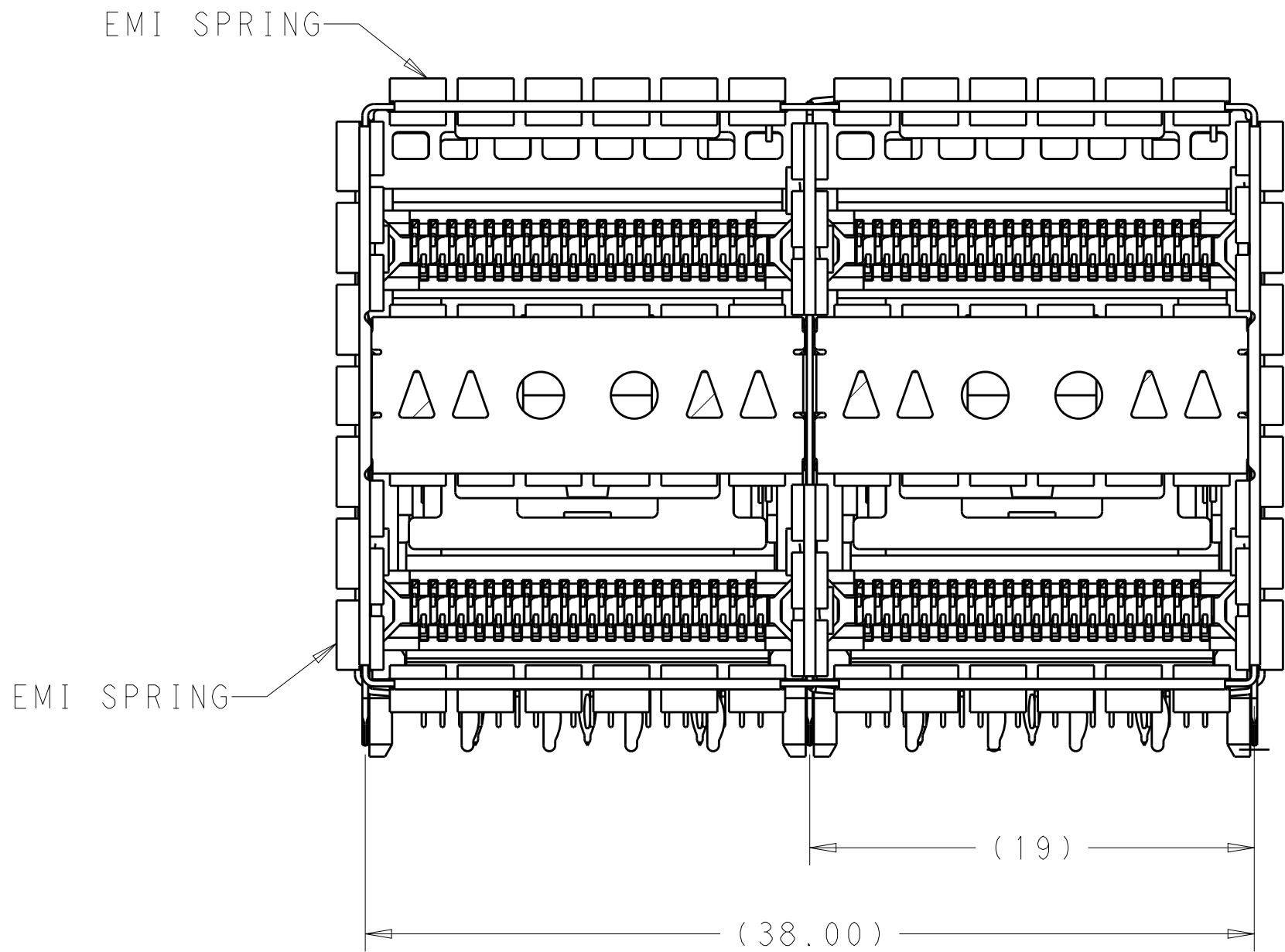


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
C		REVISED PER ECO-17-012537	25AUG2017	TX	SH
D		REVISED PER ECO-18-014172	06SEP2018	TX	SH
E		REVISED PER ECO-18-018343	22NOV2018	TX	SH

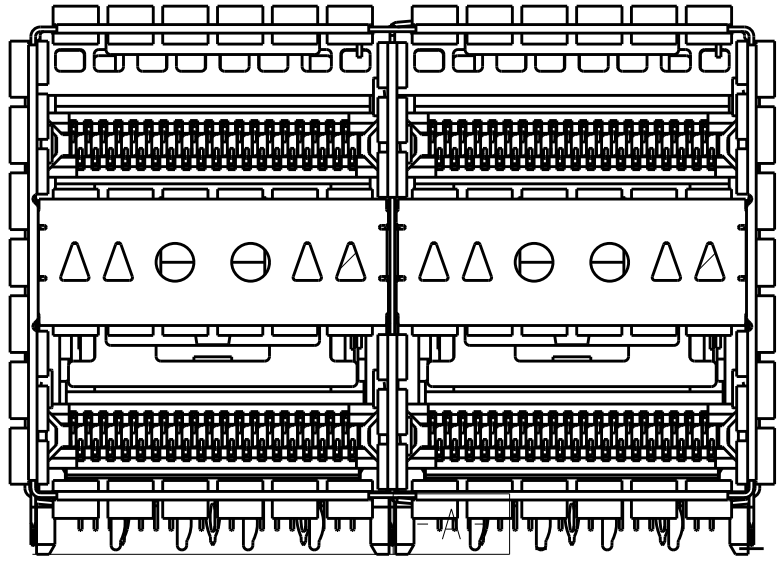


1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
2. CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN 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.
10. REMOVE THE PCB HOLES FOR 2289129-5,2289129-8 FOR BELLY TO BELLY APPLICATION.

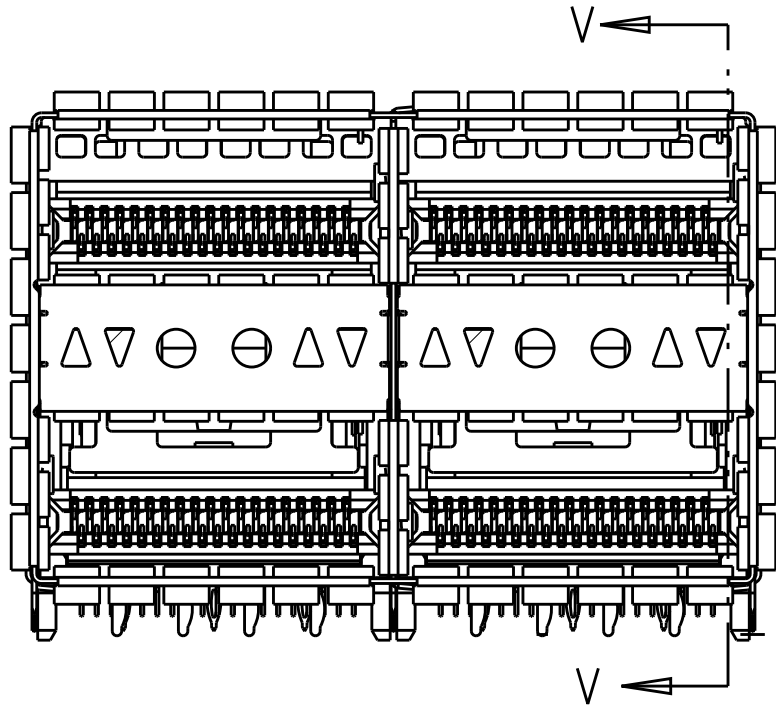
2	LEFT INDICATOR DOWN, 4LP	1-2289129-3
2	ALL INDICATOR UP, 4LP	1-2289129-1
2	ALL ROUND INDICATOR,4LP	2289129-9
2	ALL ROUND INDICATOR,4LP	2289129-8
2	LEFT INDICATOR UP, 2LP	2289129-7
2	ALL INDICATOR DOWN, 4LP	2289129-6
2	LEFT INDICATOR UP, 2LP	2289129-5
2	LEFT INDICATOR UP, 4LP	2289129-4
2	LEFT INDICATOR 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.		DWN TIM XUE CHK 30NOV2014	TE Connectivity	
DIMENSIONS:		APVD JASON YANG 30NOV2014		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-60102	NAME ZOSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES	
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ±	APPLICATION SPEC 114-60015	SIZE CAGE CODE DRAWING NO	
MATERIAL	ANGLES FINISH	WEIGHT	A100779C=2289129	
SEE NOTE 1	SEE NOTE 2	CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 6 REV E

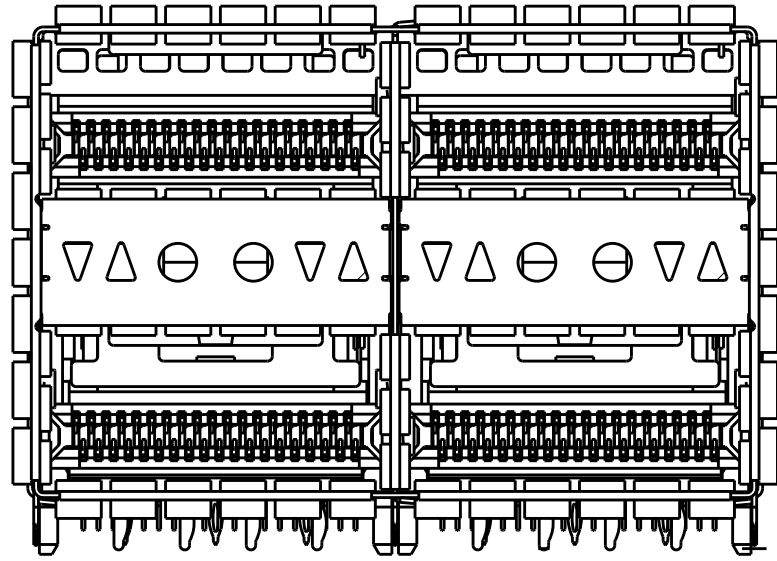
REVISIONS					
P.	LYR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



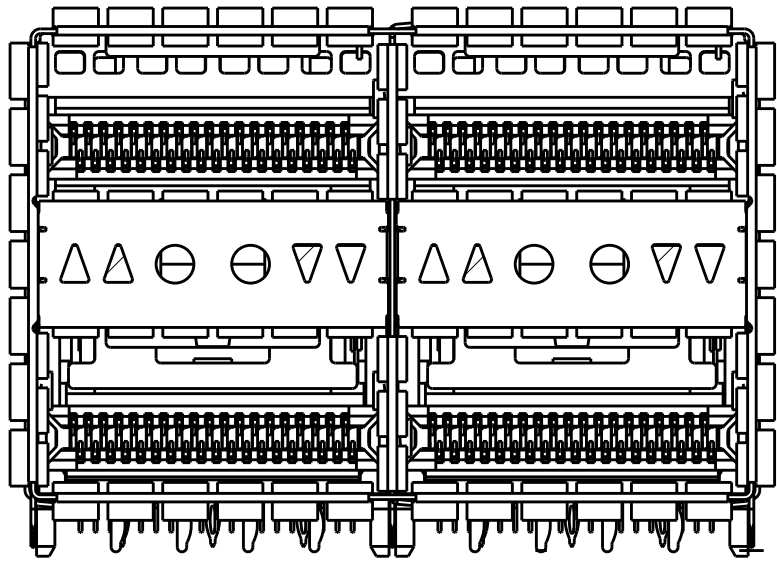
2289129-1
ALL INDICATORS UP
SCALE 5:2



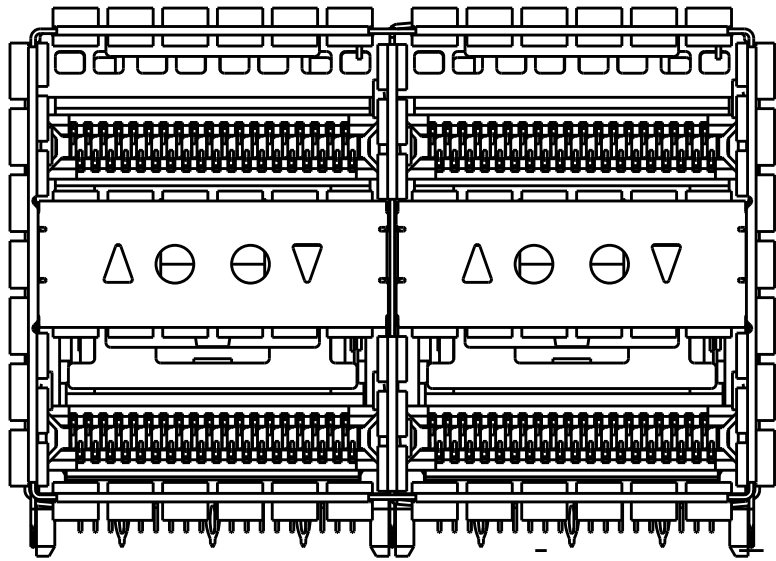
2289129-2
LEFT INDICATOR UP
SCALE 5:2



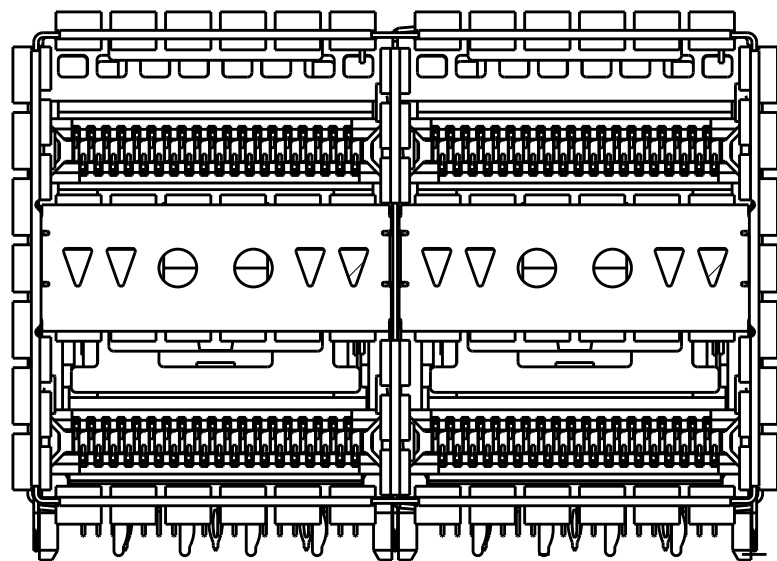
2289129-3
LEFT INDICATOR DOWN
SCALE 5:2



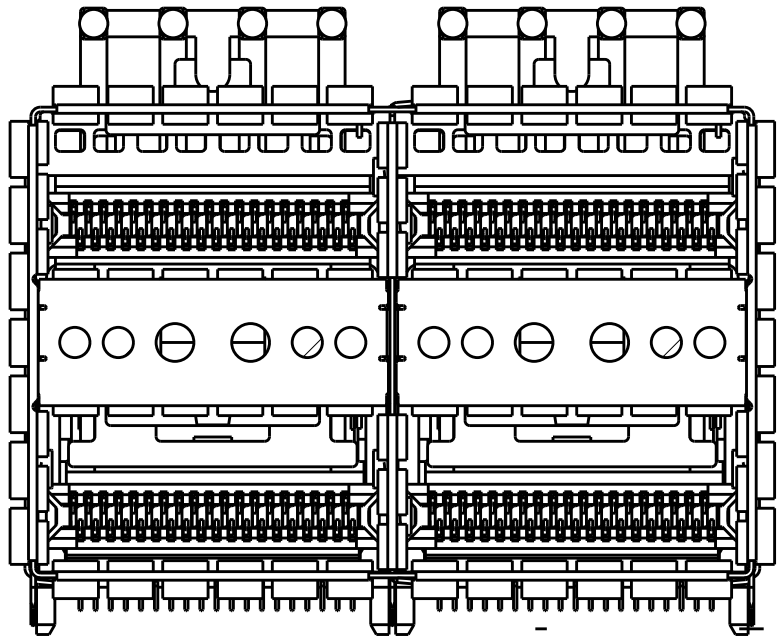
2289129-4
LEFT INDICATOR UP
SCALE 5:2



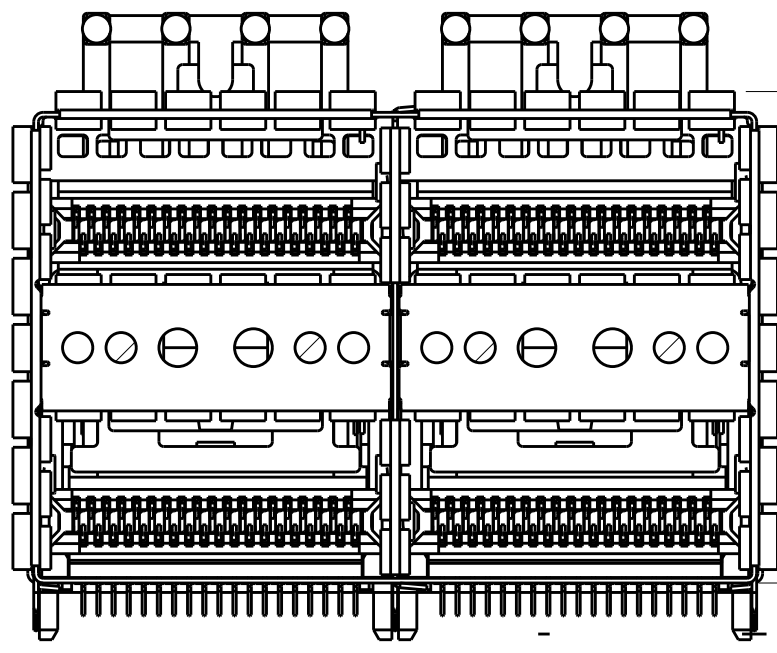
2289129-5
2289129-7
LEFT INDICATORS UP(2 LIGHT PIPES)
SCALE 5:2



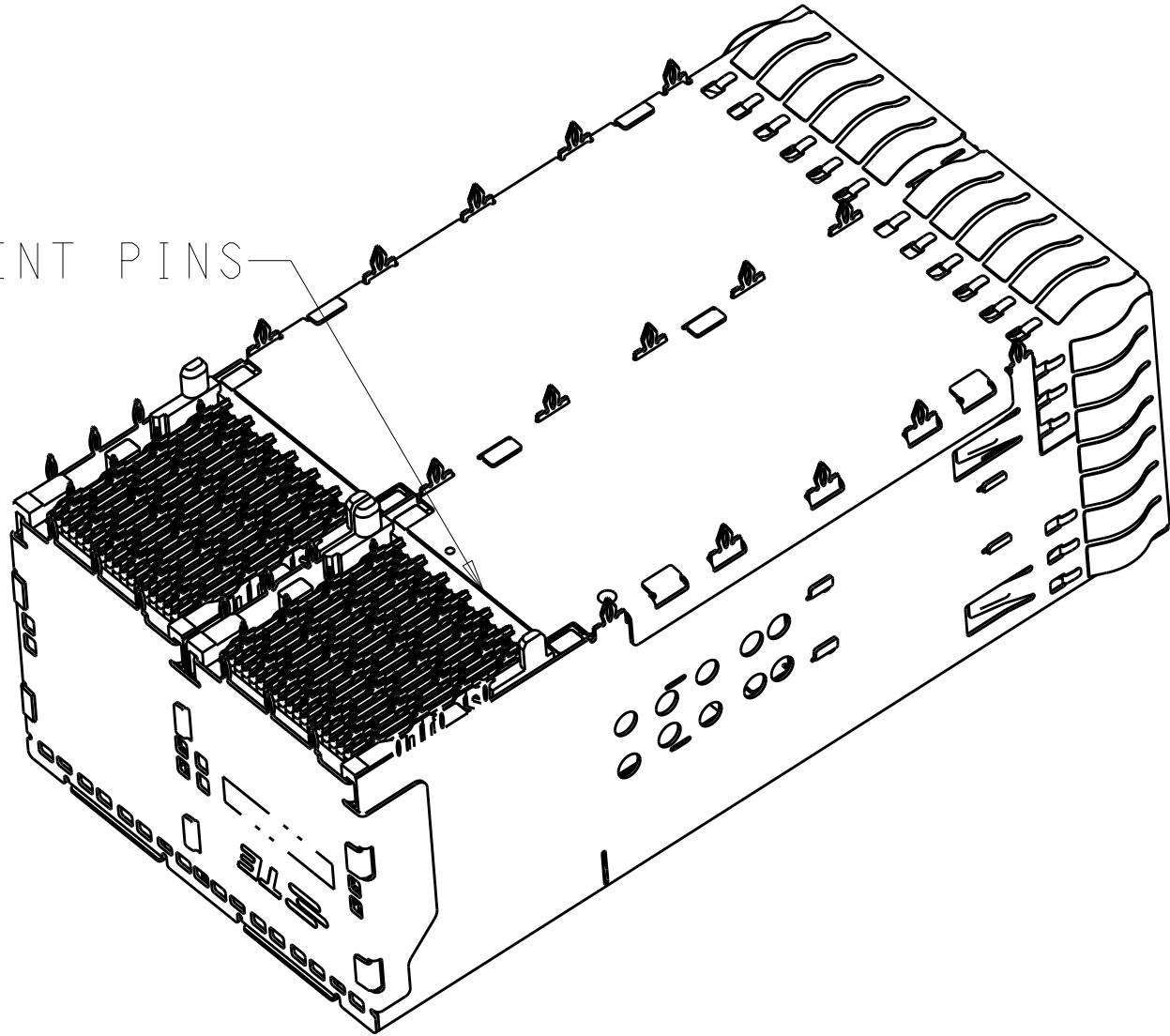
2289129-6
ALL INDICATORS DOWN
SCALE 5:2



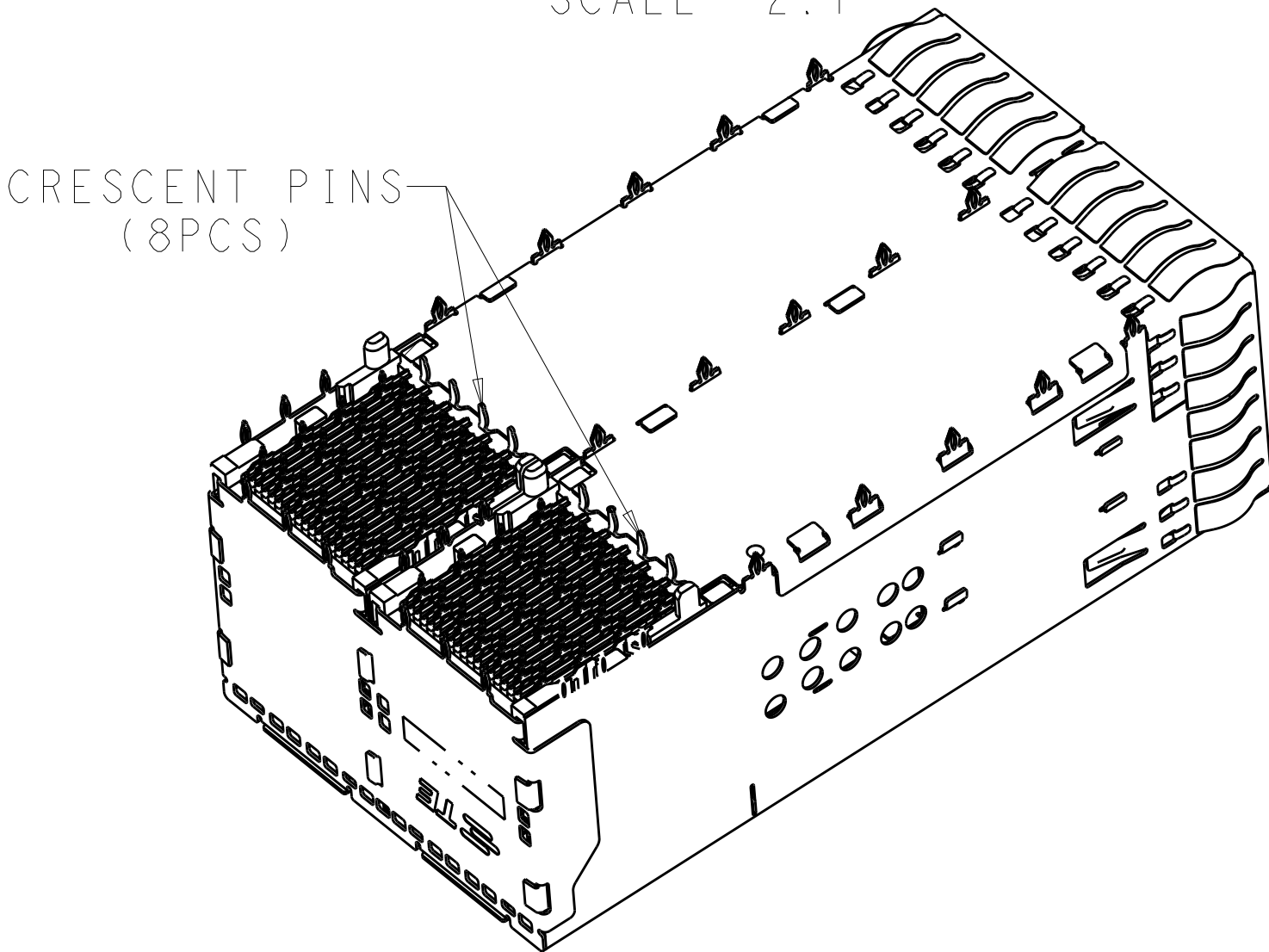
2289129-8
SCALE 5:2



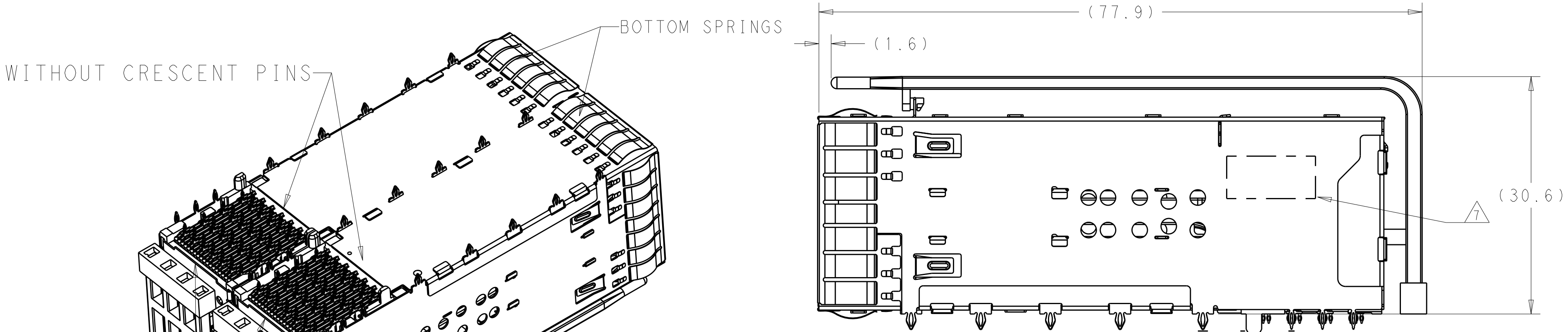
2289129-9 SAME TO 2289129-8
EXCEPT REMOVE THE BOTTOM SPRINGS
SCALE 5:2



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

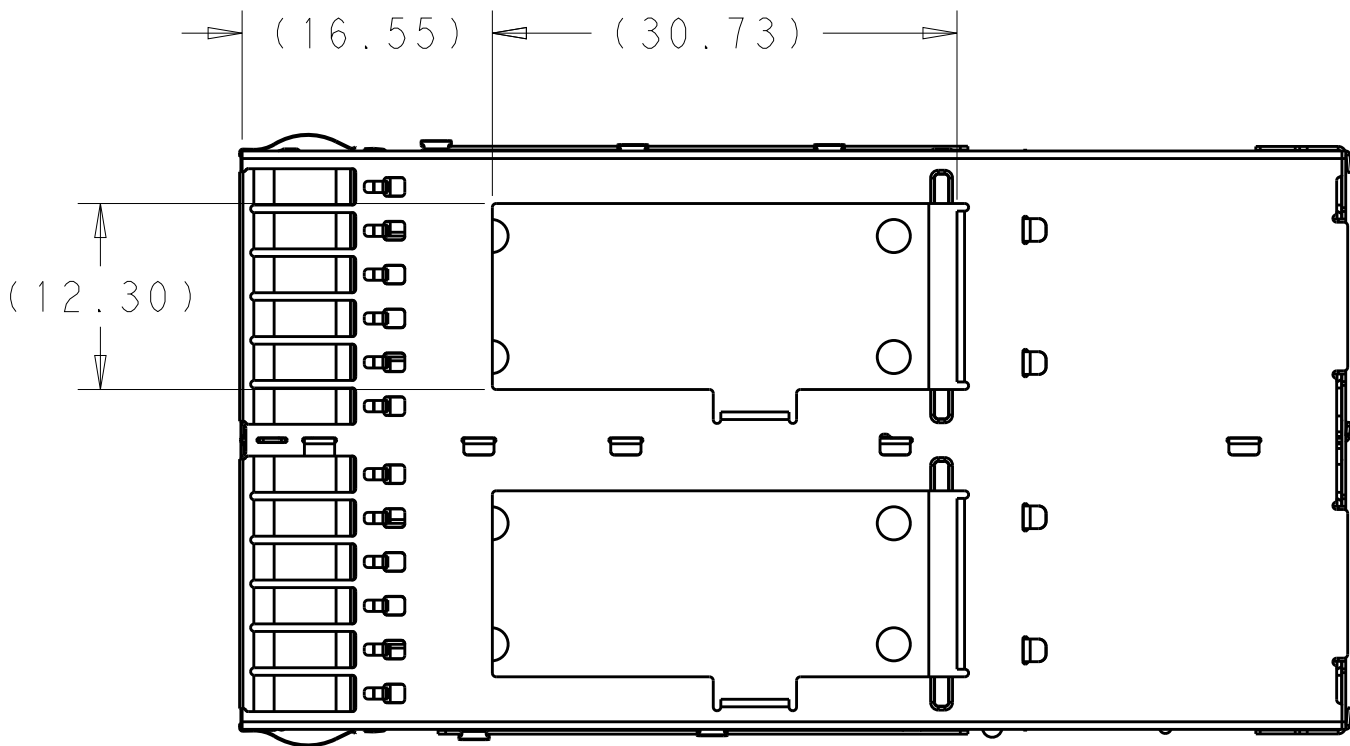


2289129-1 TO 2289129-4 & 2289129-6
WITH CRESCENT PINS AS SHOWN
SCALE 2:1

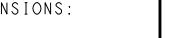


2289129-8
WITHOUT 3 EONS PER PORT
SCALE 2:1

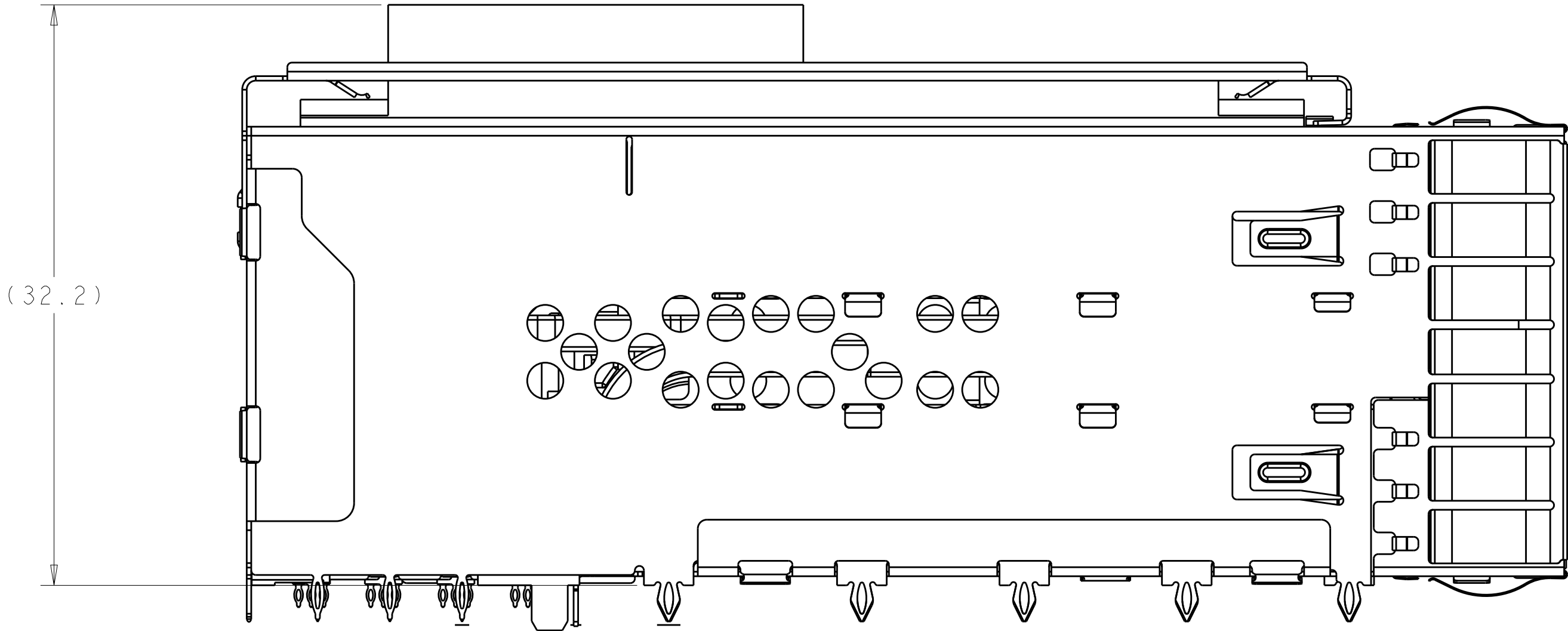
2289129-8
2289129-9 WITHOUT BOTTOM SPRINGS
SCALE 5:2



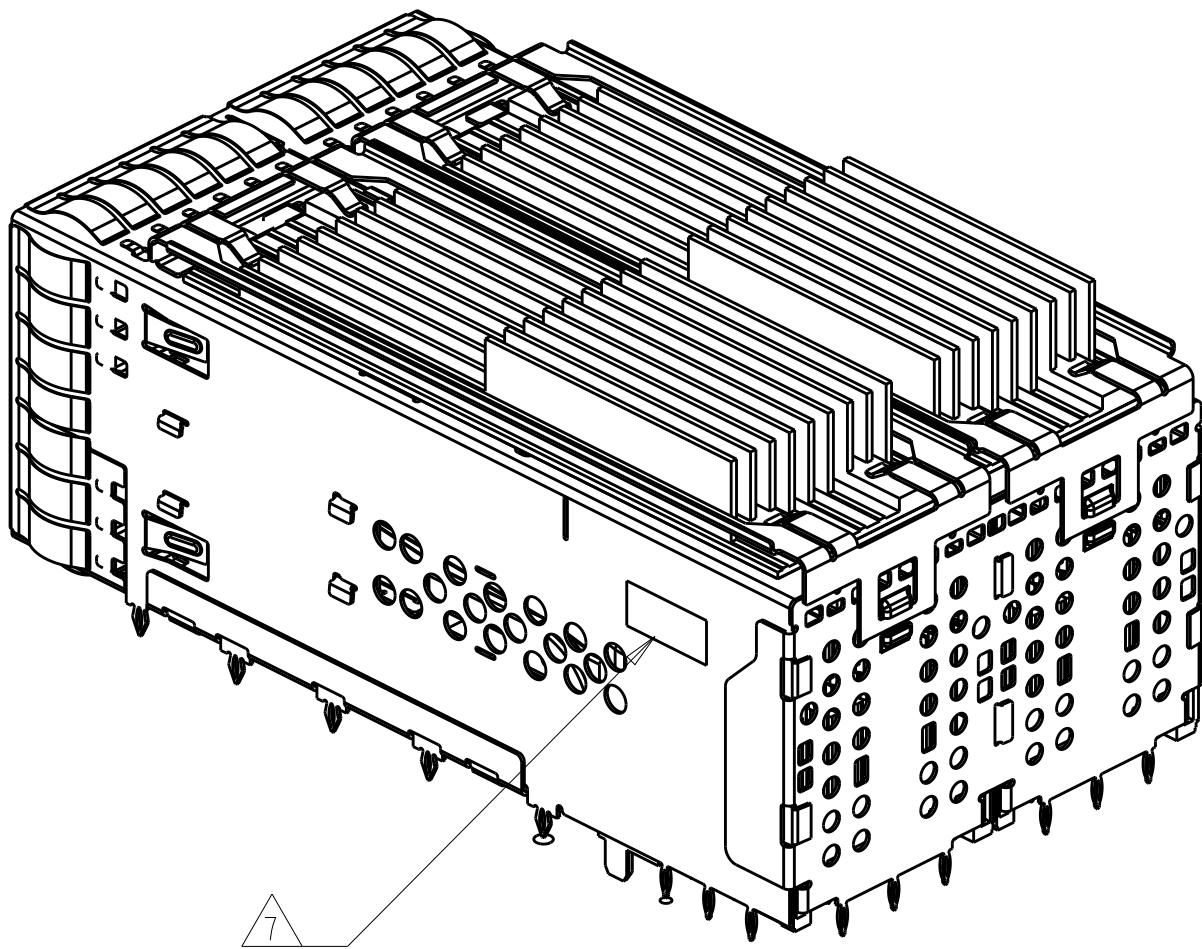
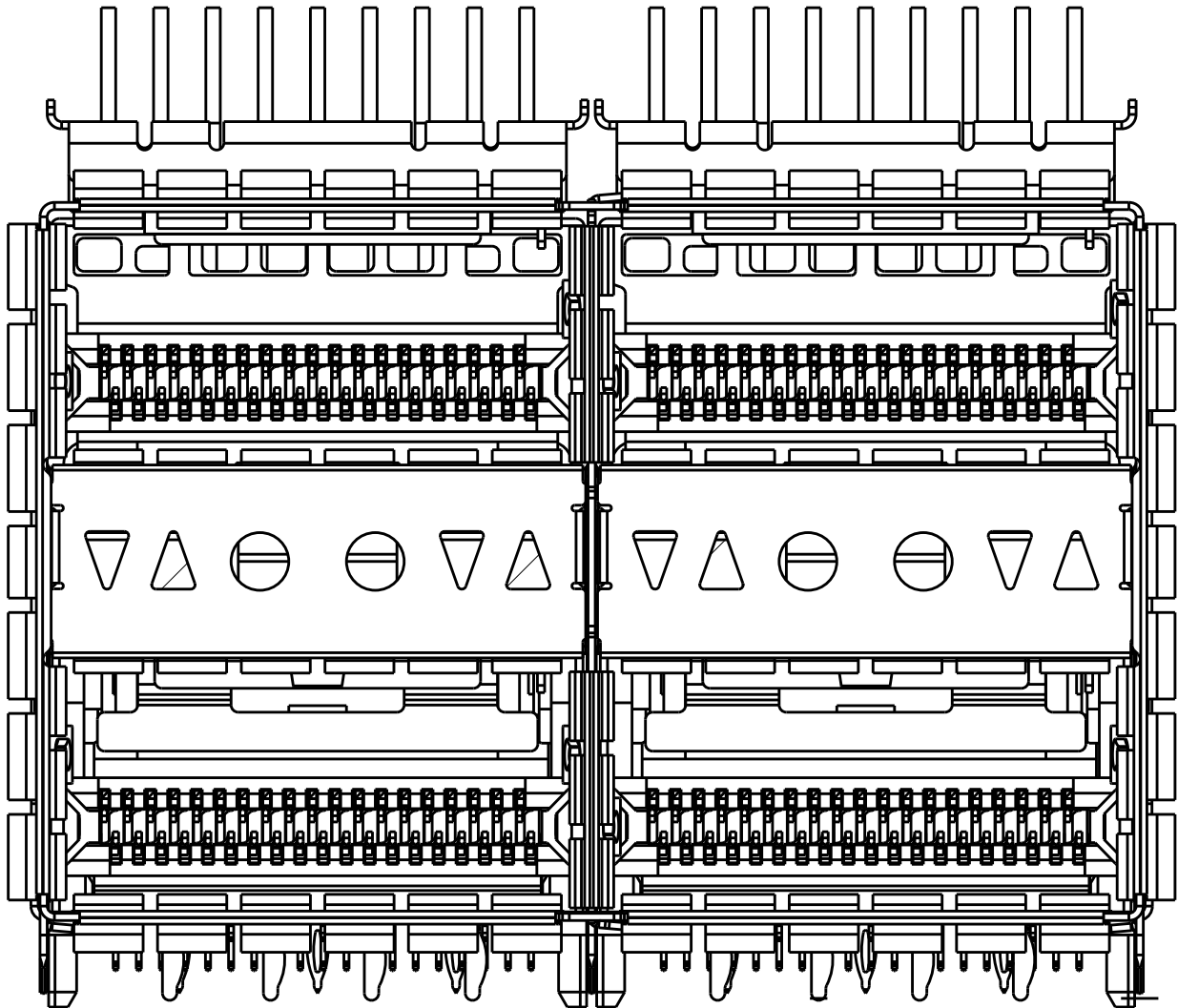
2289129-7 AS SHOWN WITH TOP SLOTS
SCALE 2:1

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

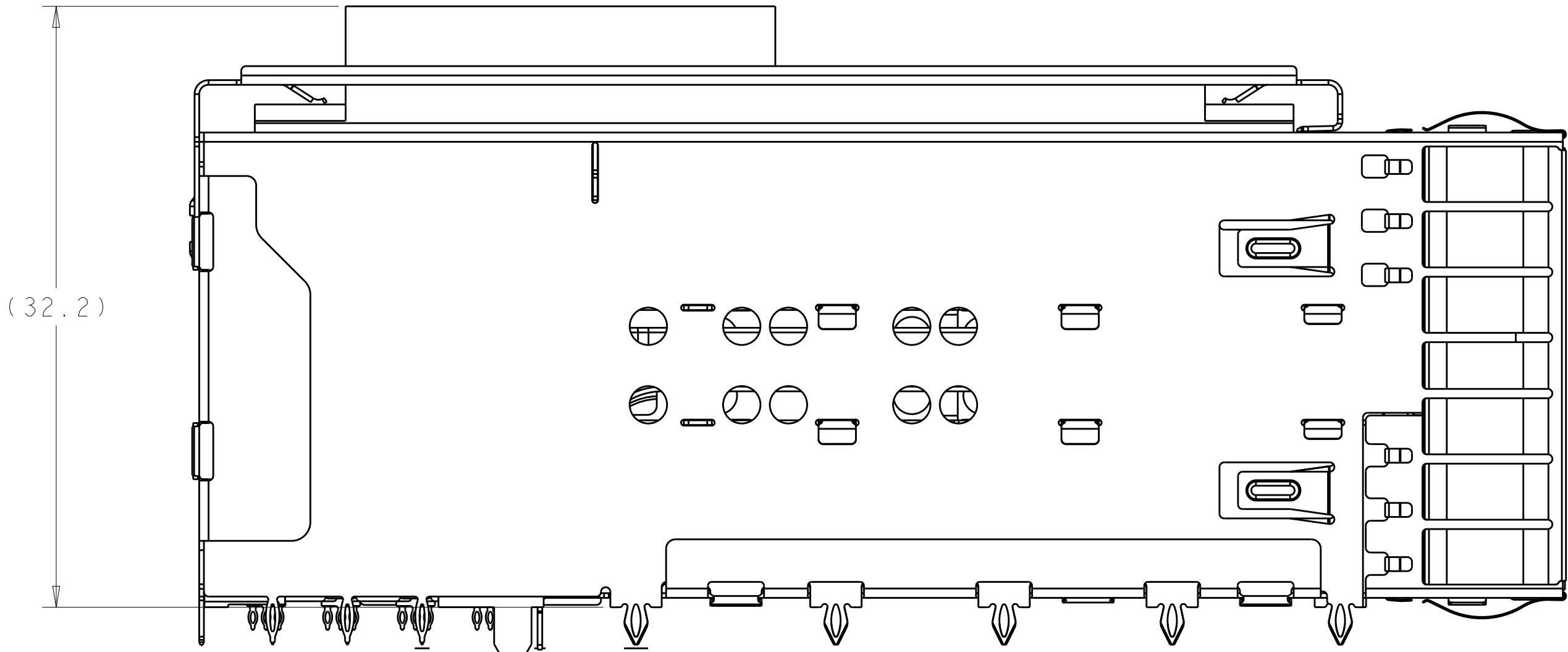
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



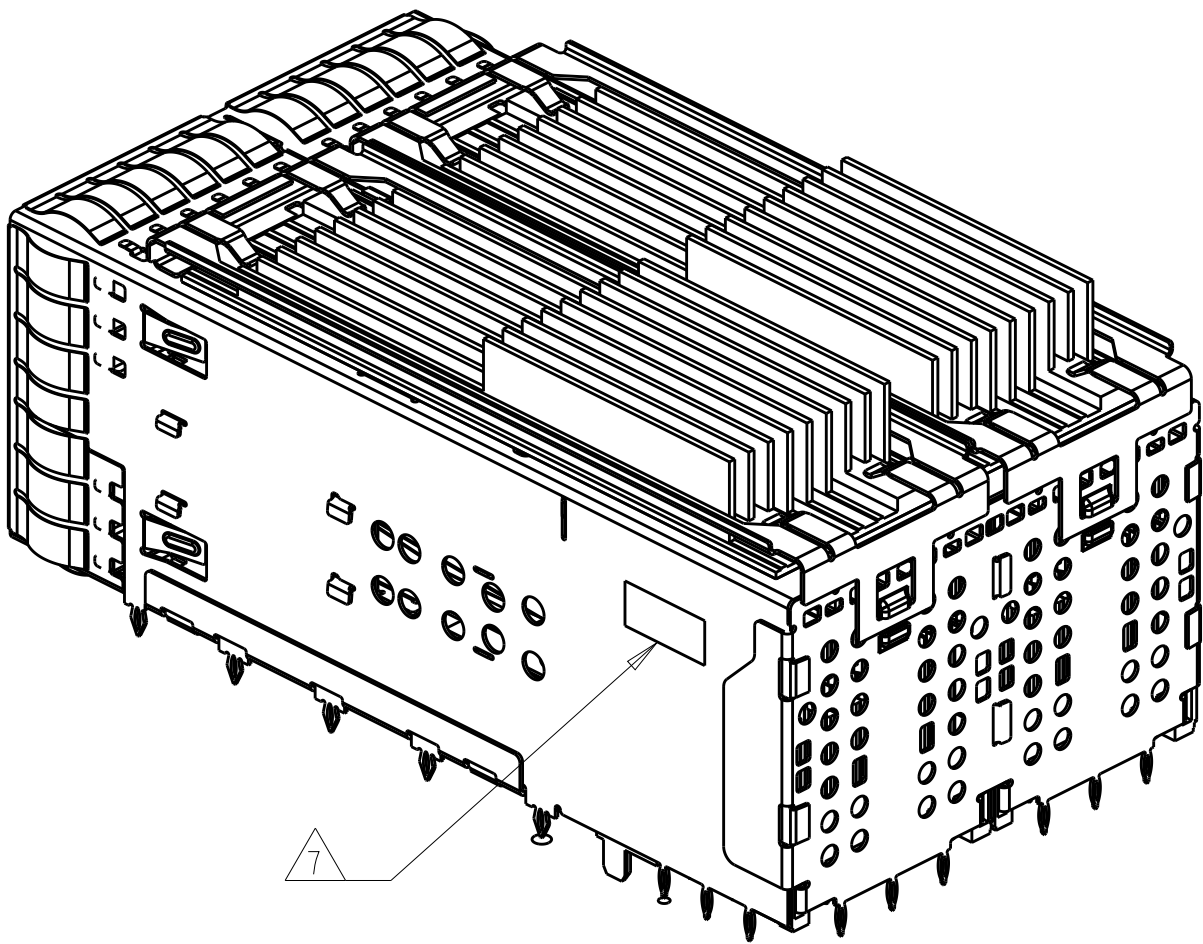
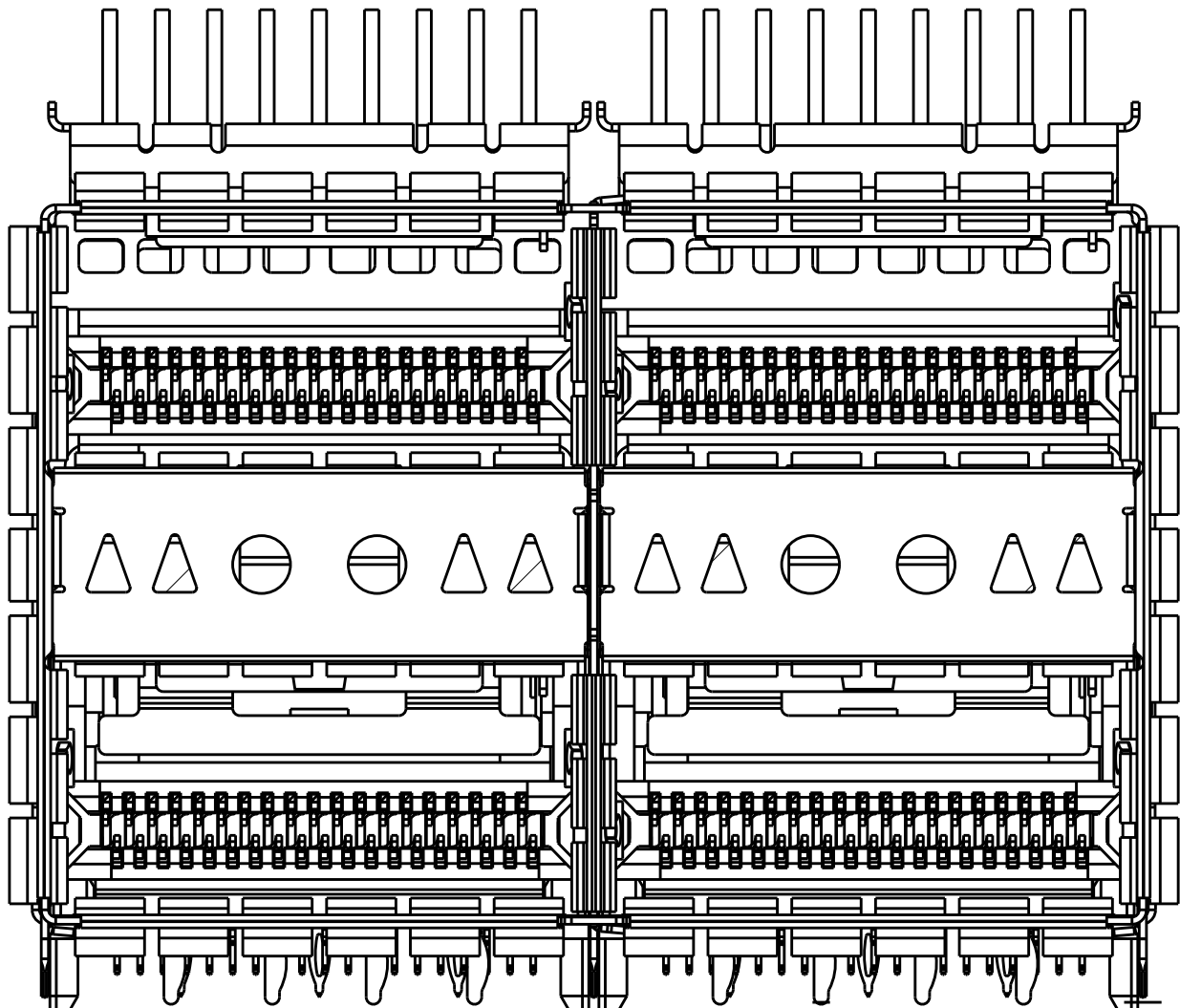
1-2289129-3
SCALE 4:1



1-2289129-3
SCALE 2:1



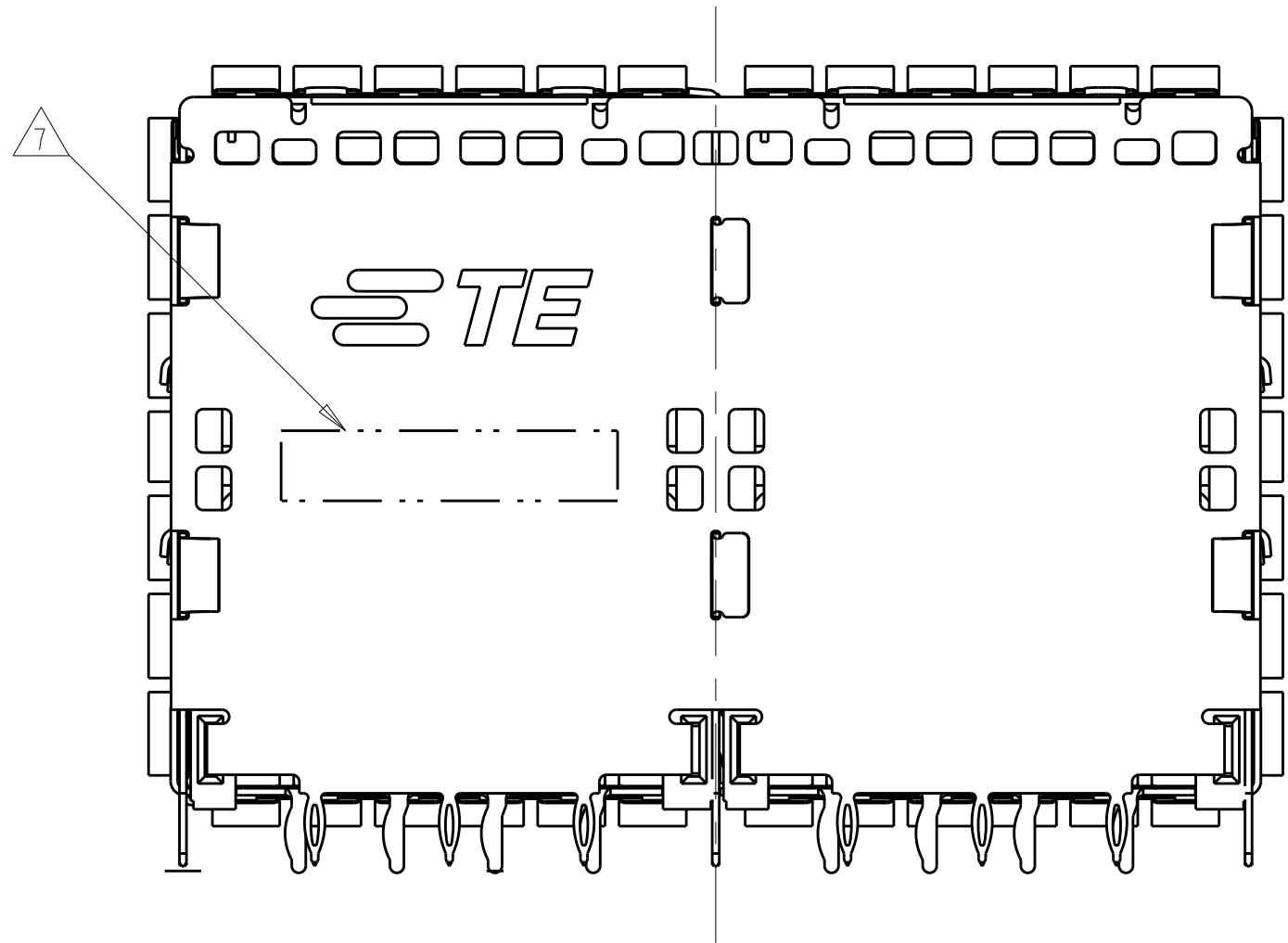
1-2289129-1
SCALE 4:1



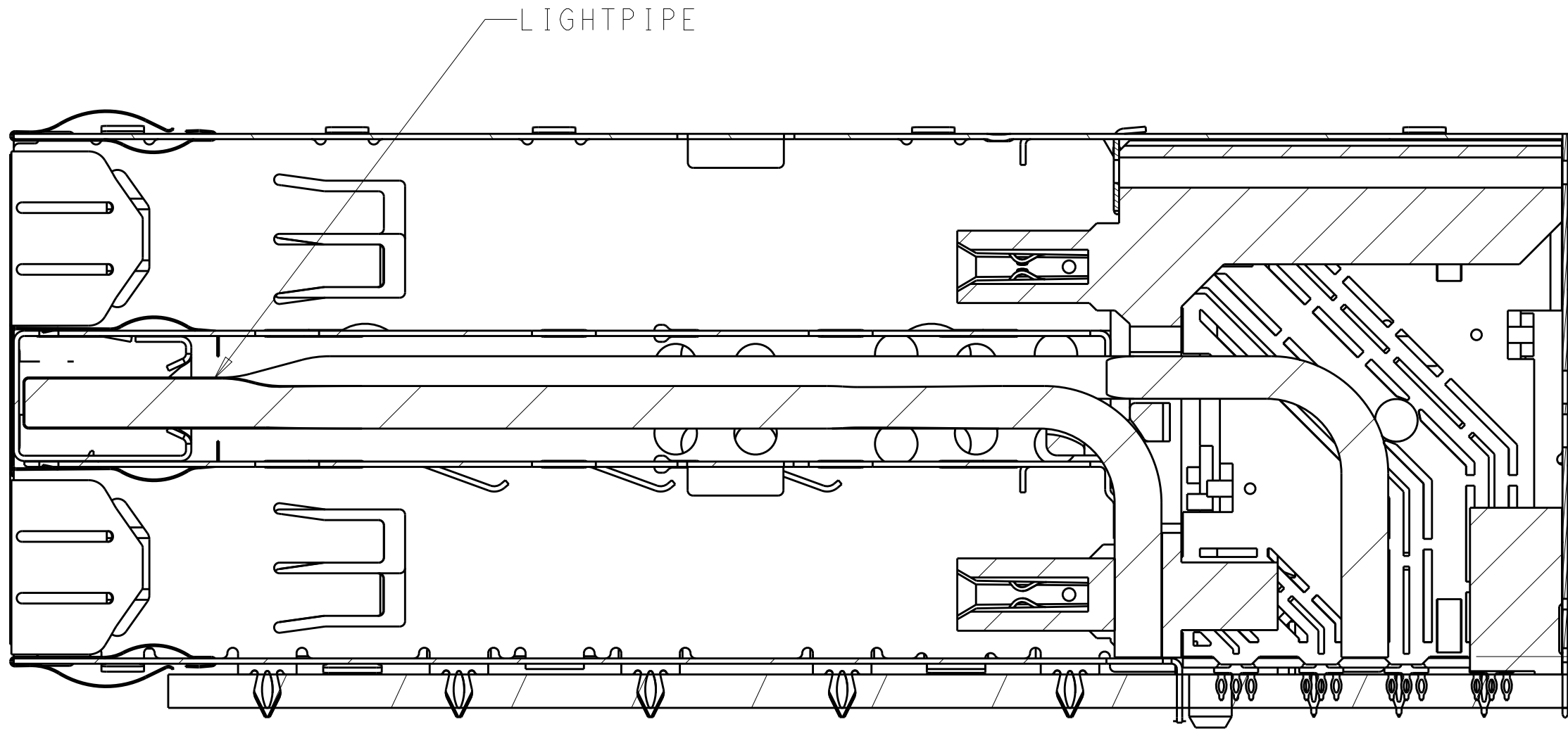
1-2289129-1
SCALE 2:1

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 ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ±	PRODUCT SPEC 108-60102	SIZE -	
MATERIAL	ANGLES FINISH	APPLICATION SPEC 114-60015	CAGE CODE A100779	
SEE NOTE 1	SEE NOTE 2	WEIGHT -	DRAWING NO C=2289129	
CUSTOMER DRAWING		RESTRICTED TO -		REV E
		SCALE 4:1	SHEET 3	OF 6

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



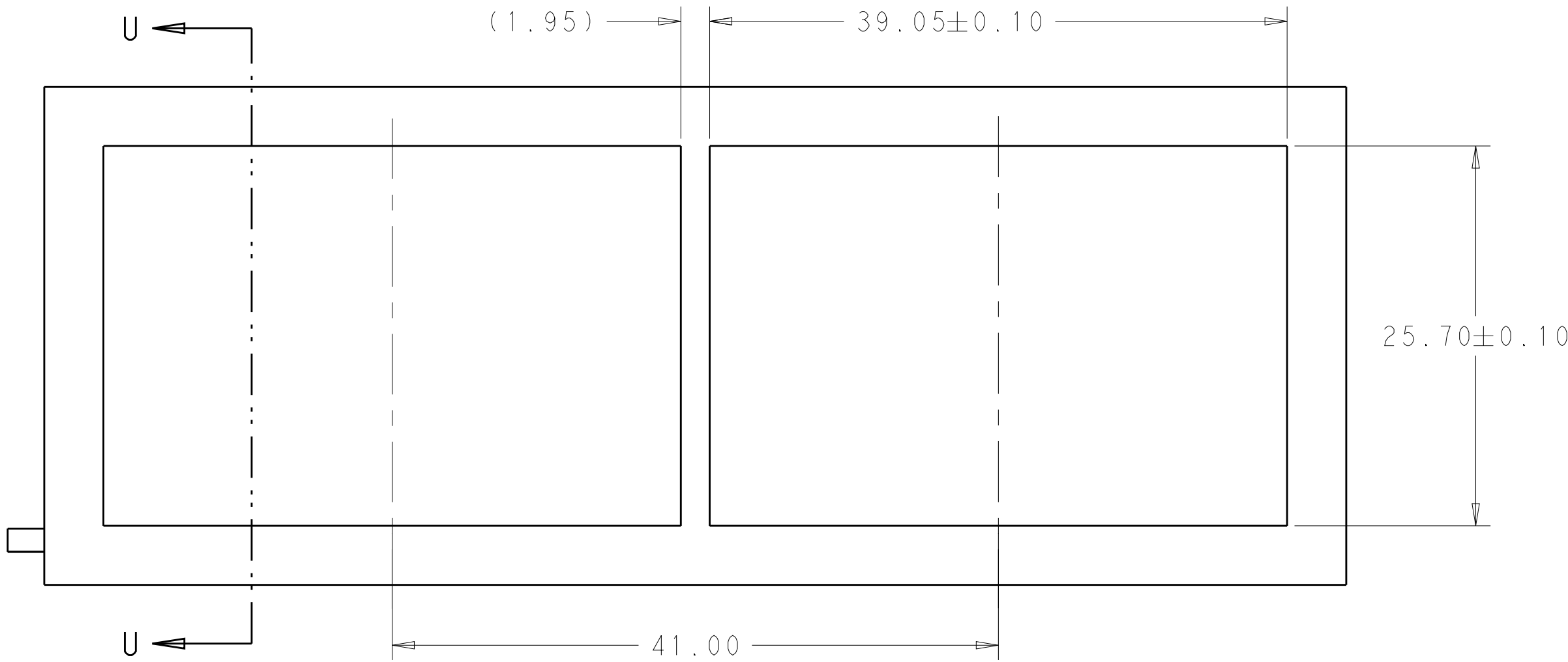
VIEW Y-Y



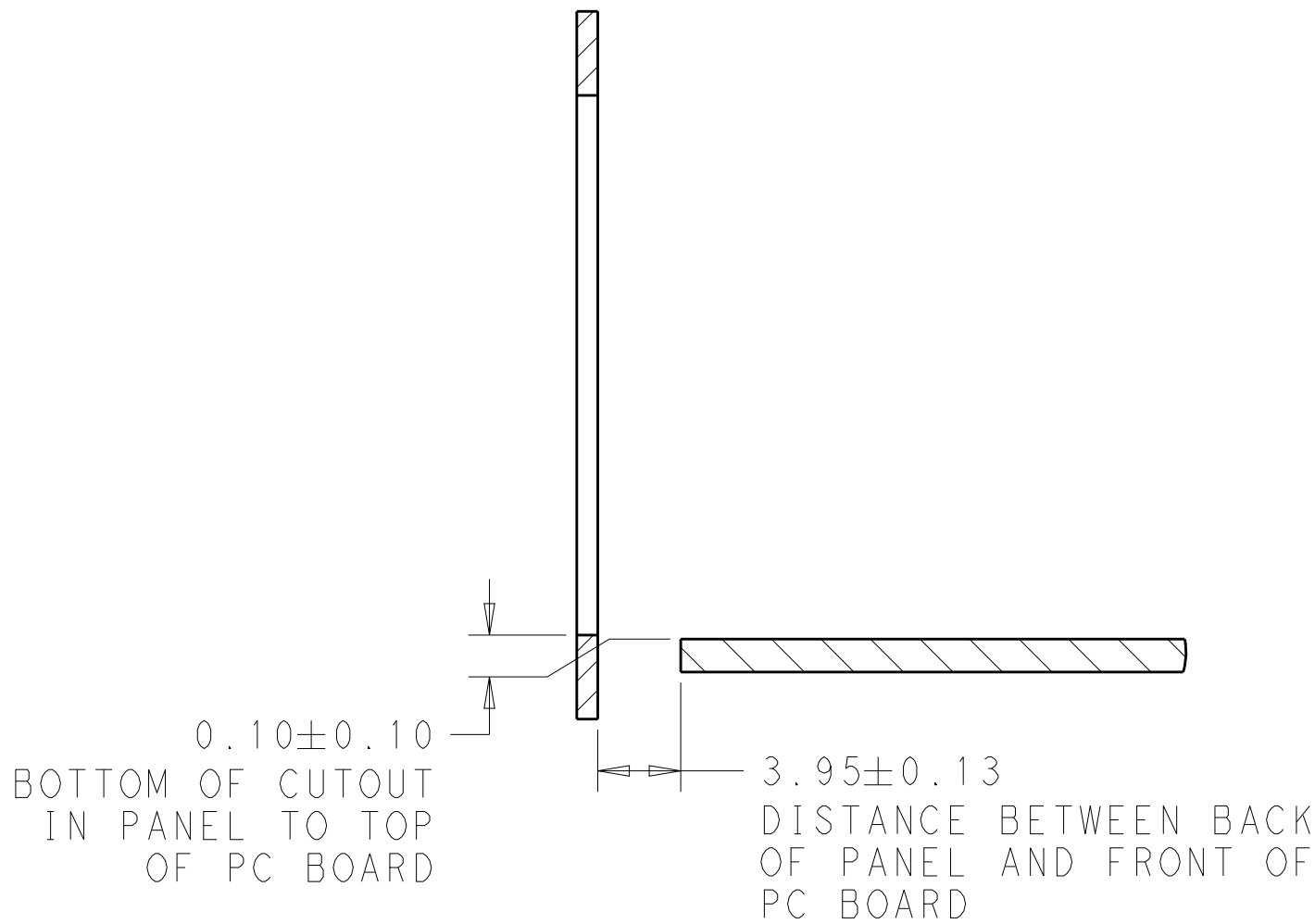
SECTION V-V
SCALE 4:1

(0.80)
RECOMMENDED 0805
PACKAGE SMD CHIP
LED LAMPS

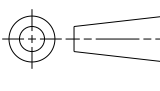
1.57 MIN PCB THICKNESS



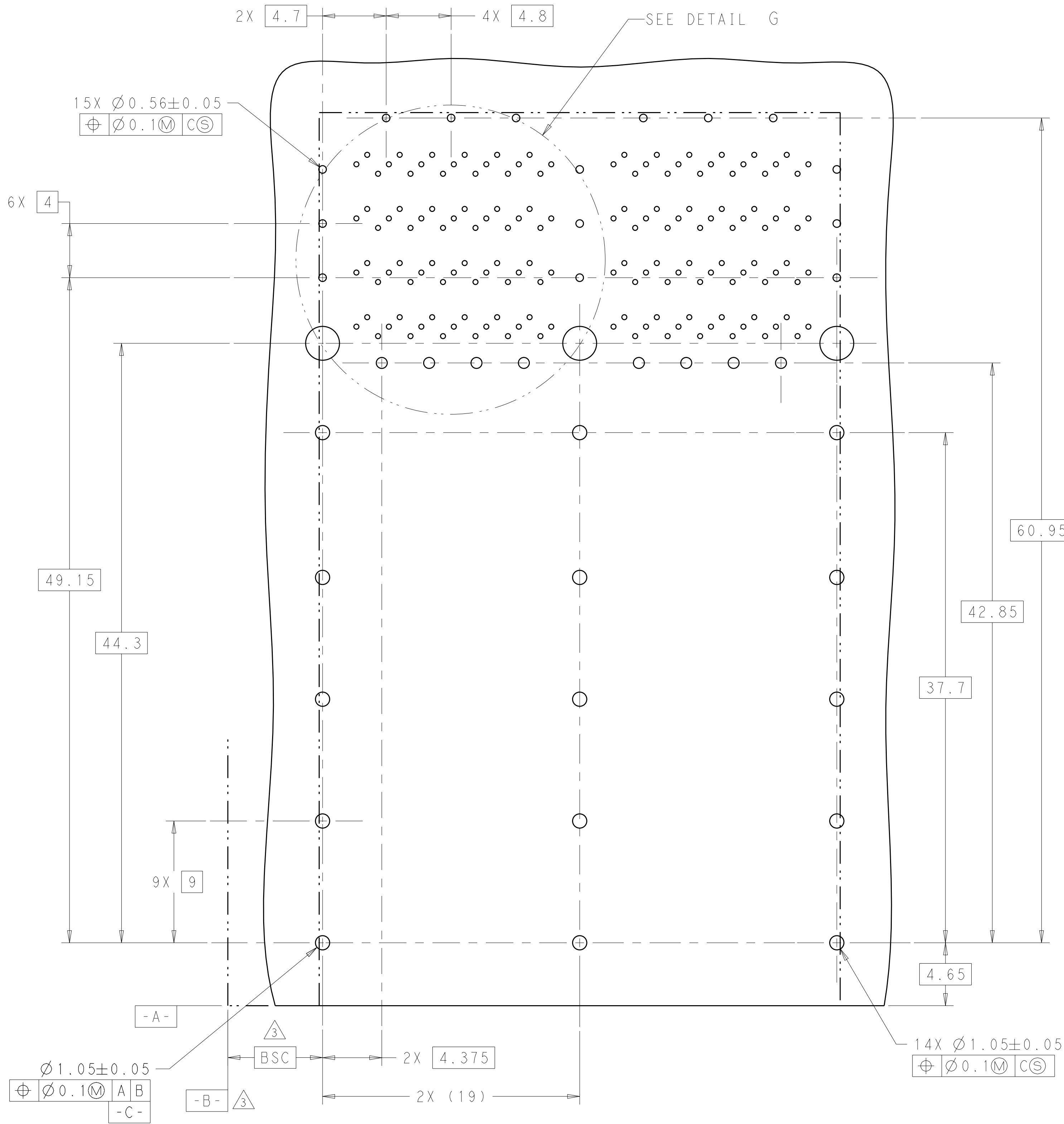
RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION
SCALE 3:1



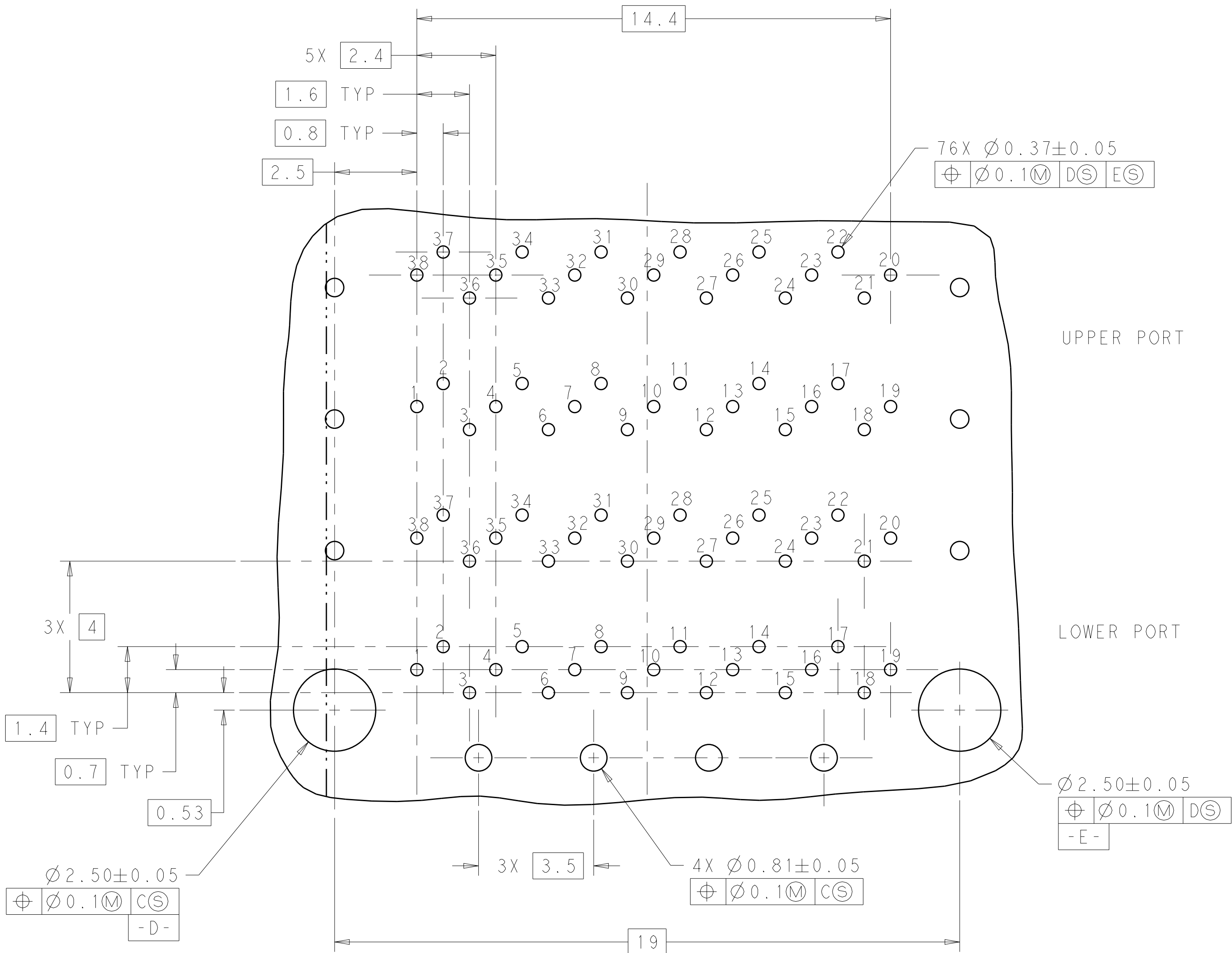
SECTION U-U

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	108-60102	
	3 PLC	±	114-60015	
MATERIAL		FINISH	WEIGHT	RESTRICTED TO
SEE NOTE 1		SEE NOTE 2	CUSTOMER DRAWING	-
SCALE 4:1		SHEET 4 OF 6	REV E	

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



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.		DWN JIM XUE 30NOV2014	 TE Connectivity				
		CHK JASON YANG 30NOV2014					
DIMENSIONS: mm		APVD JASON YANG 30NOV2014	NAME ZQSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES -	RESTRICTED TO -			
		PRODUCT SPEC 108-60102					
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	APPLICATION SPEC 114-60015	SIZE A	CAGE CODE 00779			
		WEIGHT -			DRAWING NO C=2289129		
MATERIAL -		CUSTOMER DRAWING		SCALE 1:1		SHEET 5	OF 6
SEE NOTE 1		SEE NOTE 2					

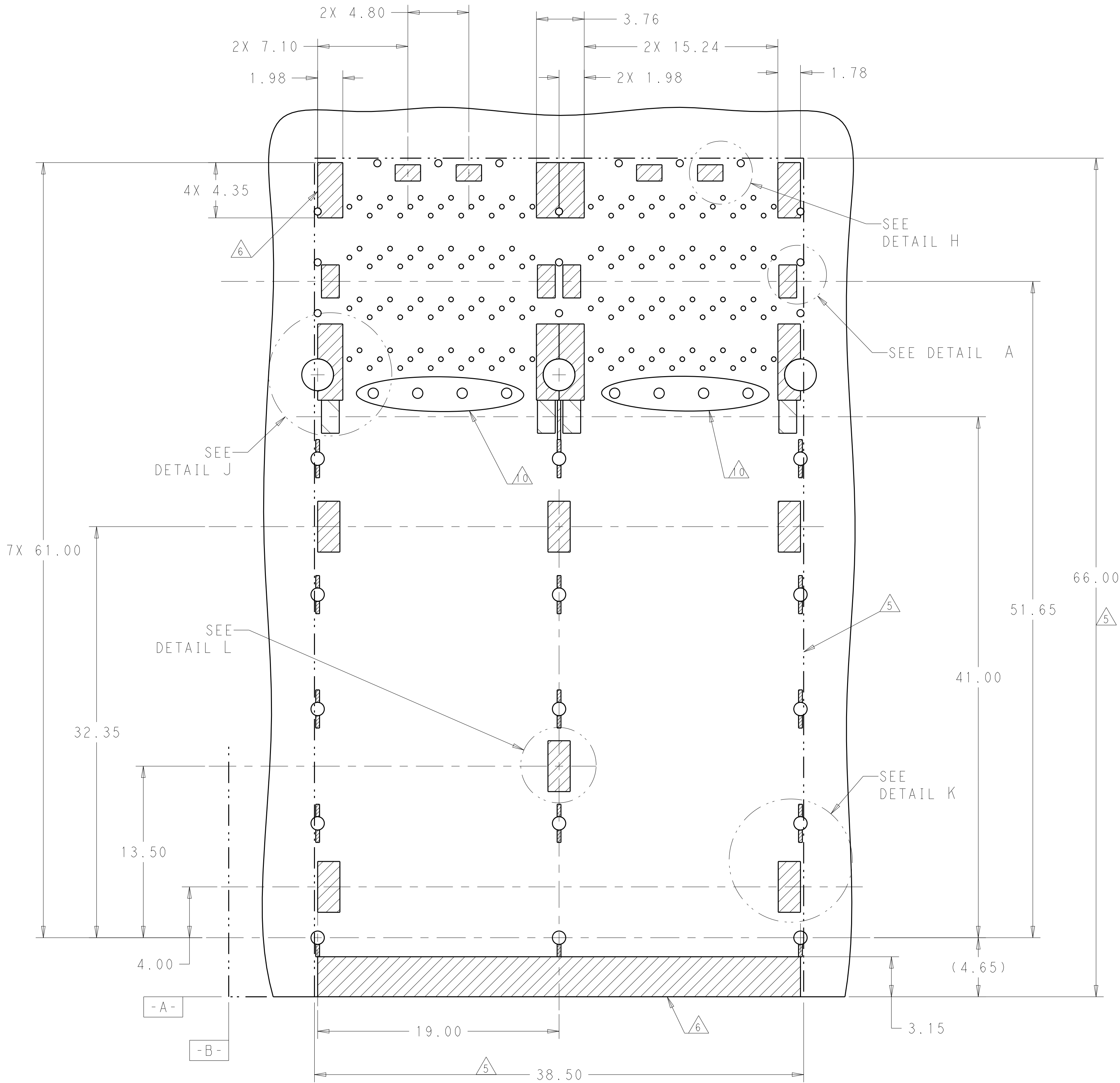
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

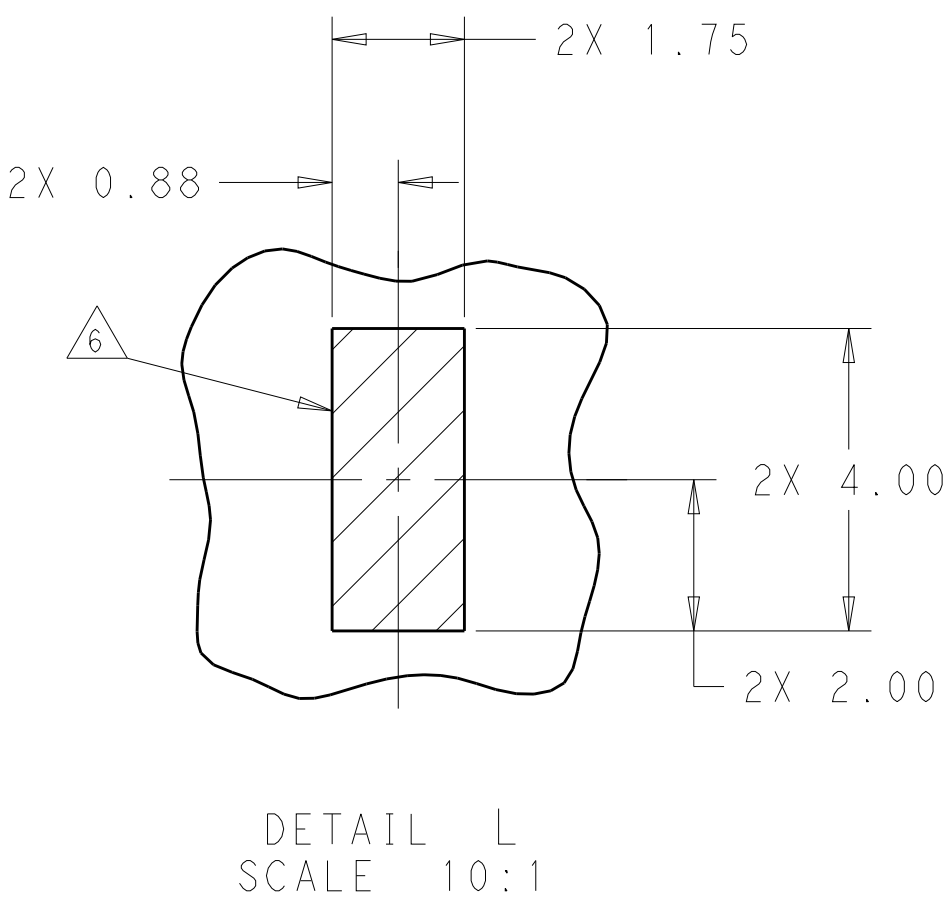
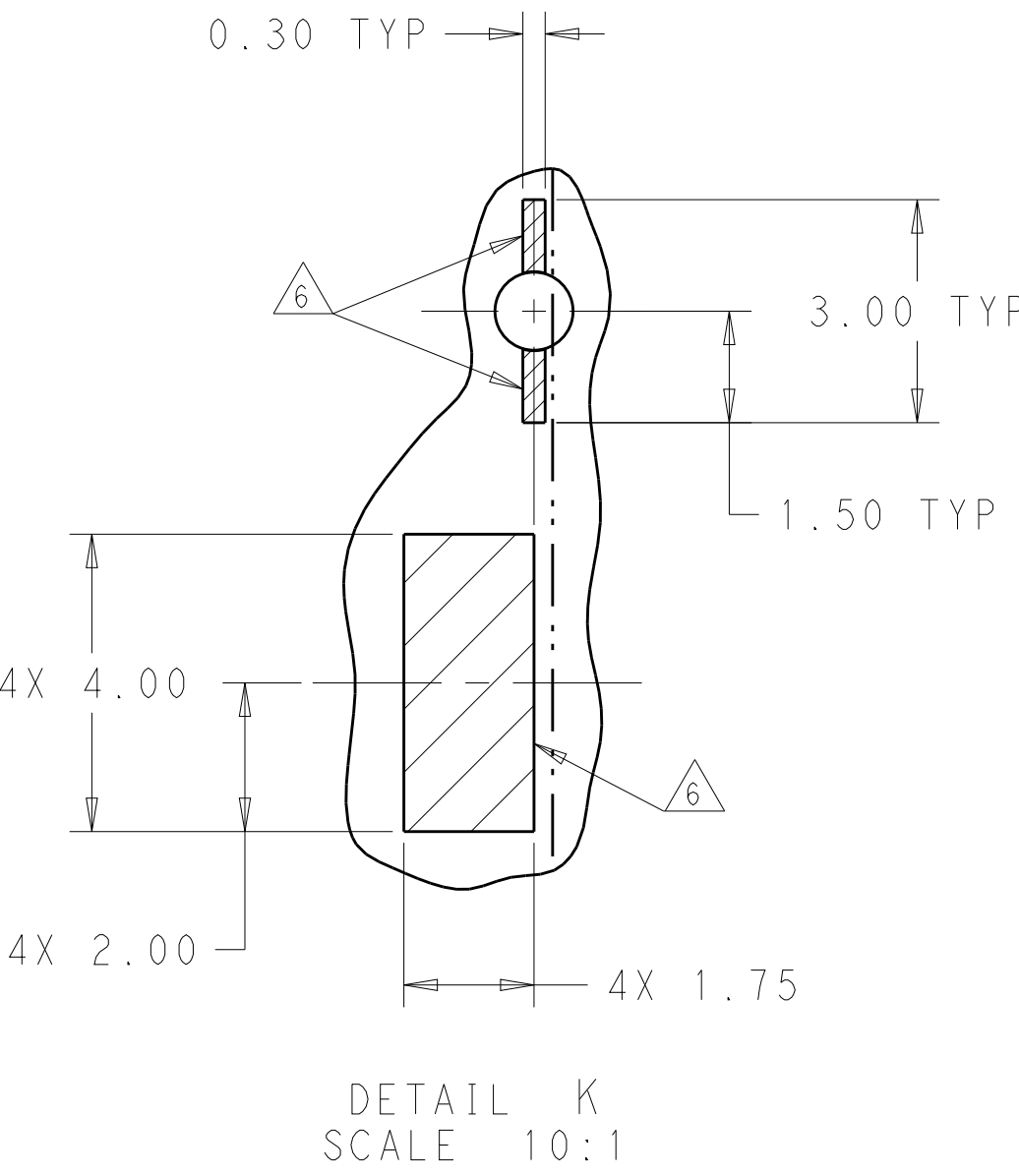
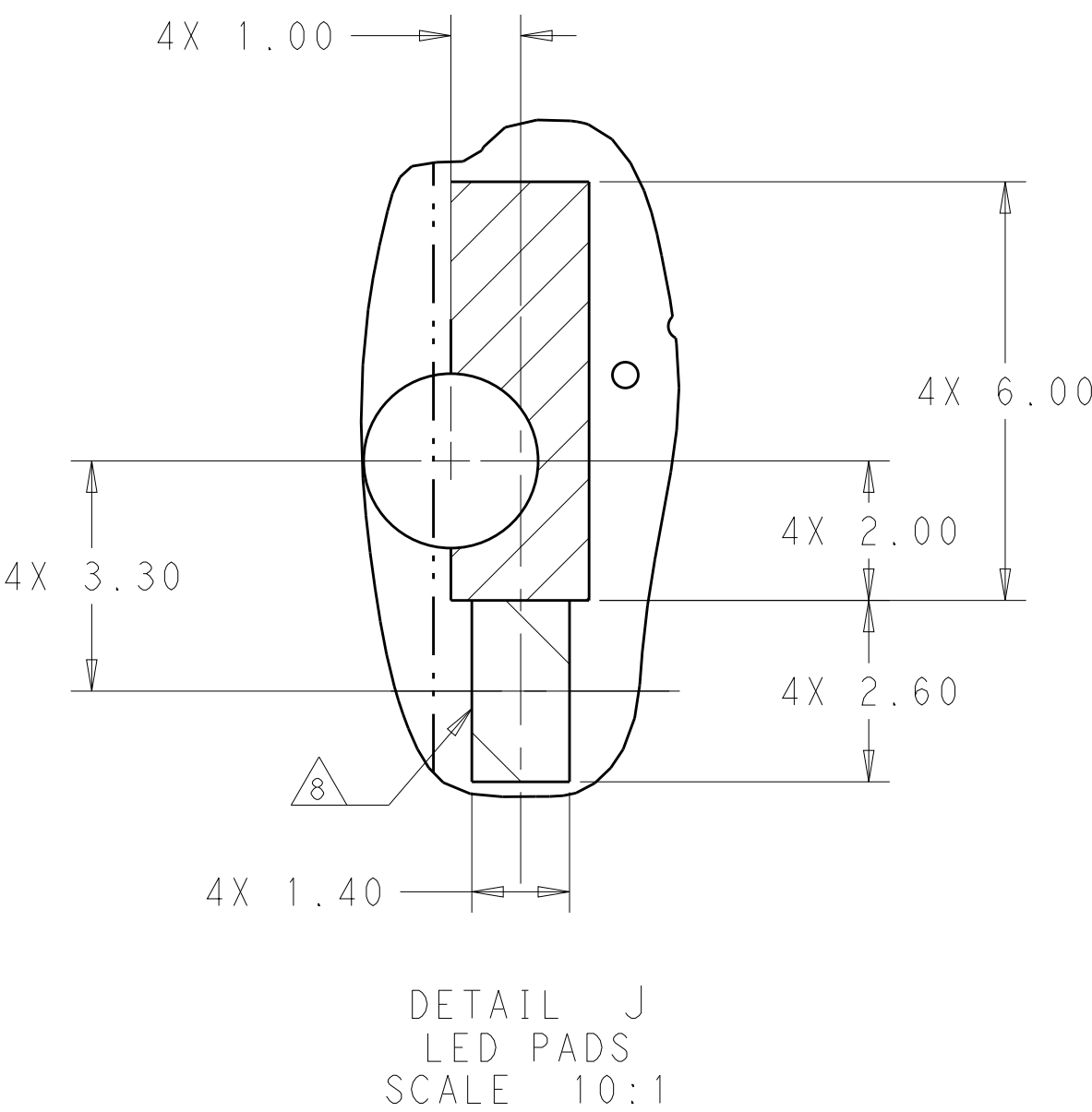
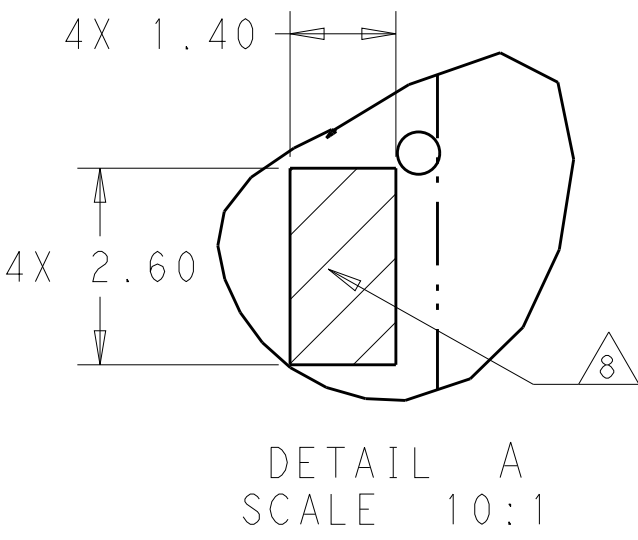
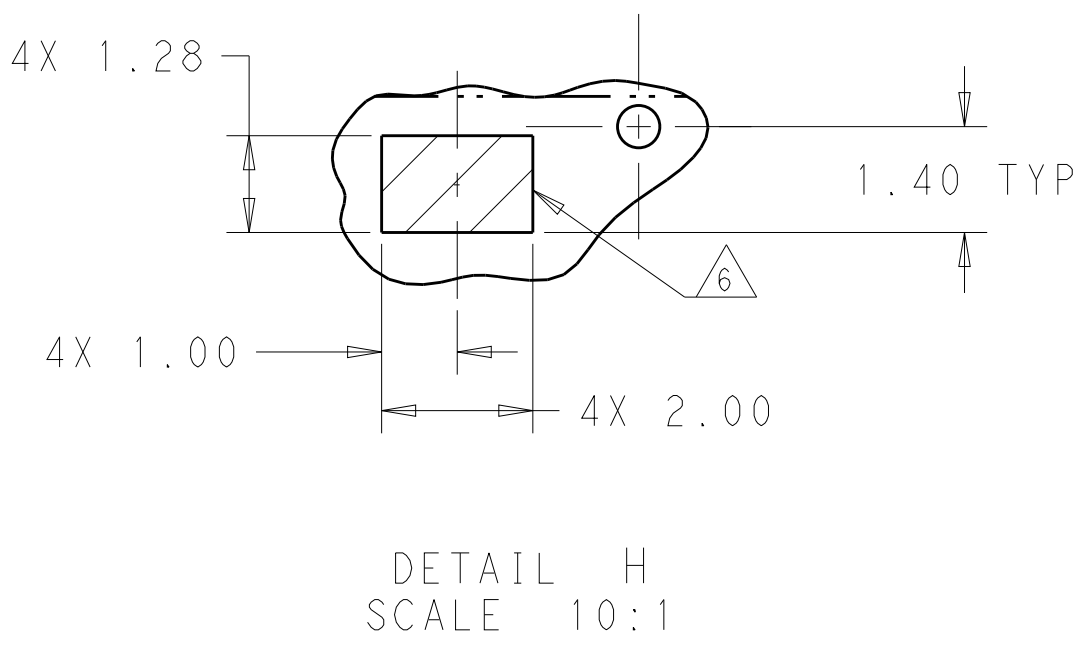
C

B

A



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



C

B

A

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 $\pm$ 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC $\pm$ 4 PLC $\pm$ ANGLES $\pm$ FINISH	PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015	SIZE A100779	
MATERIAL SEE NOTE 1	SEE NOTE 2	WEIGHT CUSTOMER DRAWING	RESTRICTED TO -	
SCALE 1:1			SHEET 6 OF 6	
			REV E	