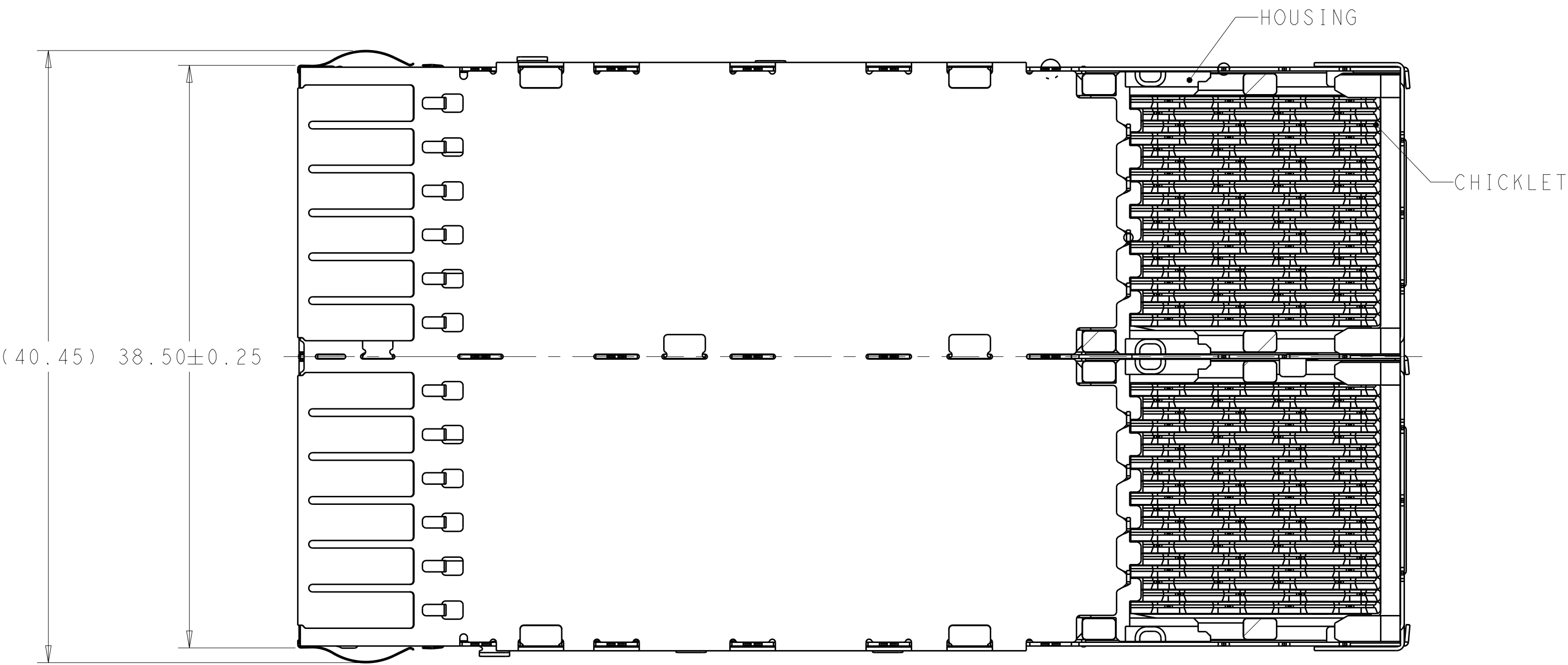
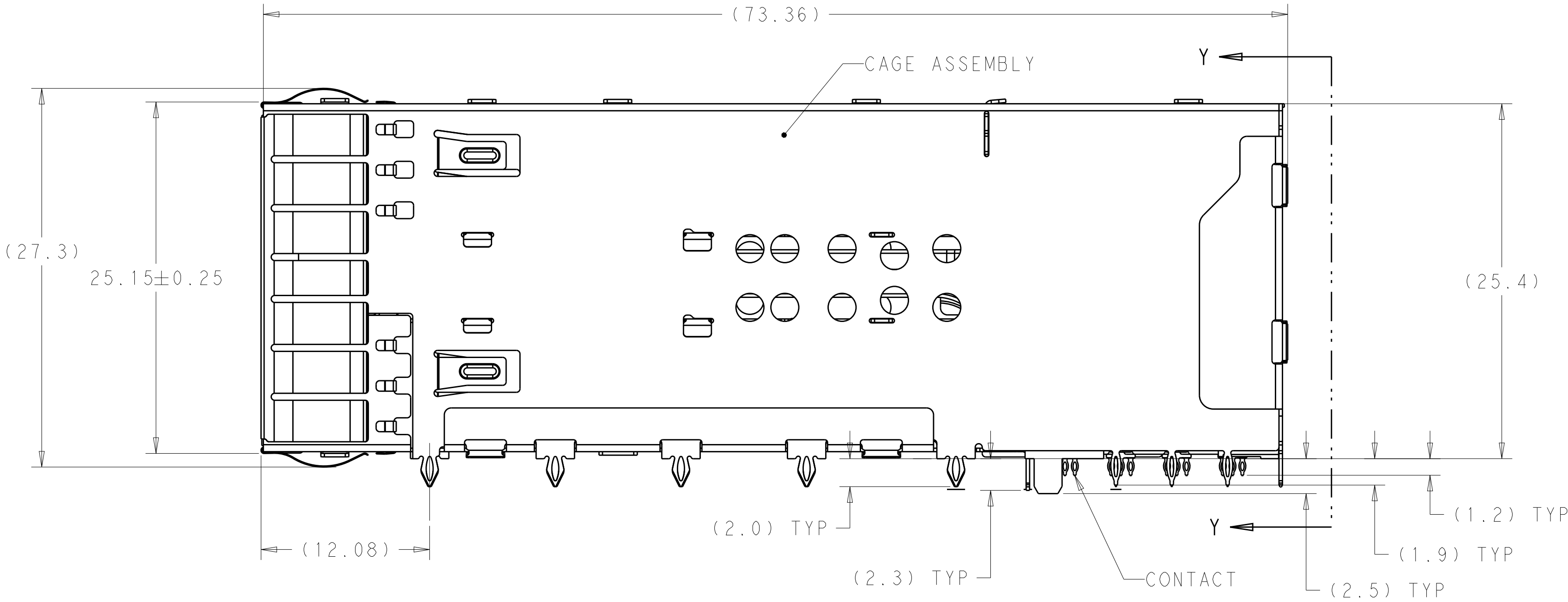
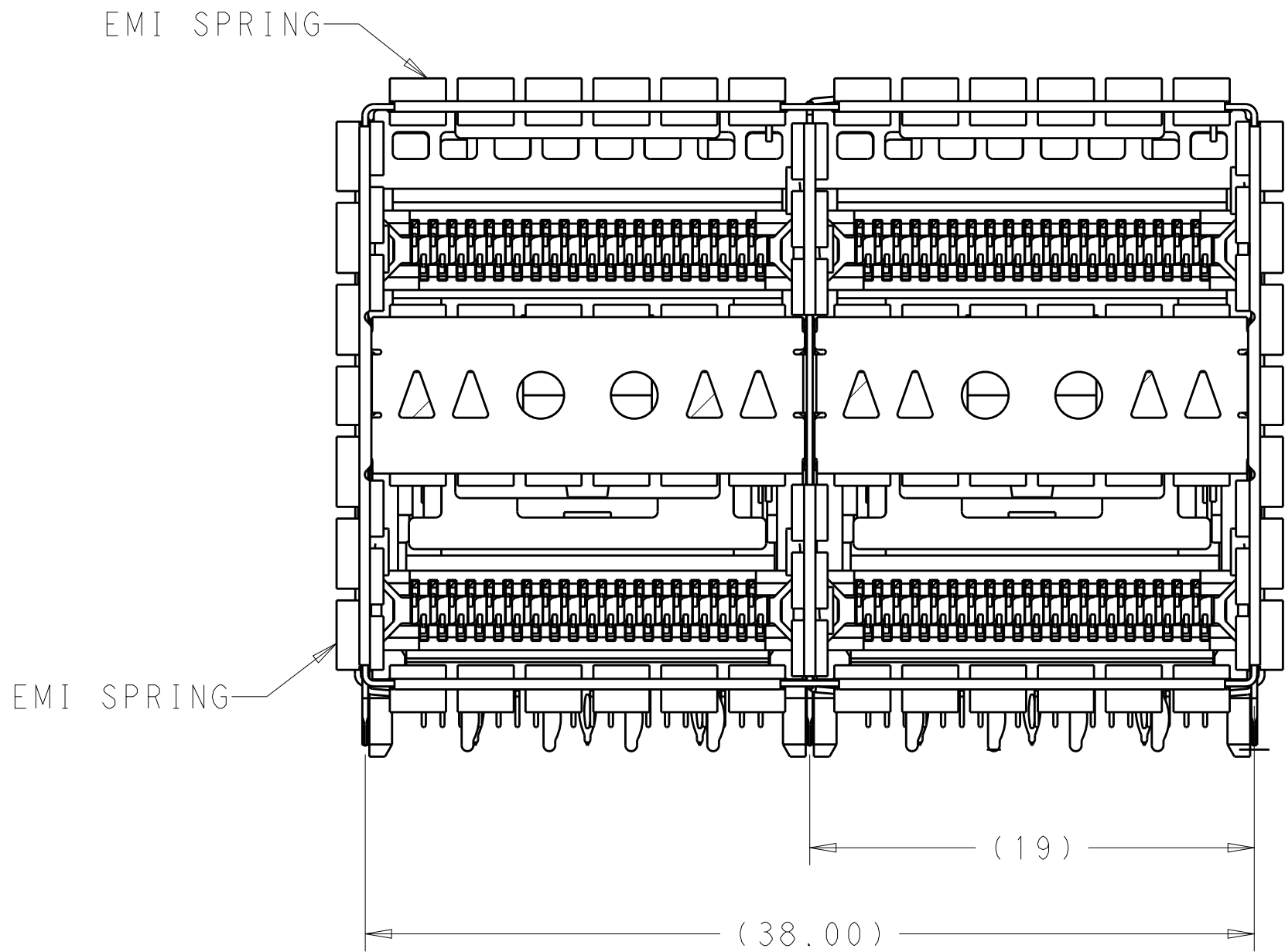


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
C		REVISED PER ECO-17-012537	25AUG2017	TX	SH
D		REVISED PER ECO-18-014172	06SEP2018	TX	SH
E		REVISED PER ECO-18-018343	22NOV2018	TX	SH



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.
- CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.

DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
4. MINIMUM PCB THICKNESS OF 1.57.
- THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND TRACES.

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.

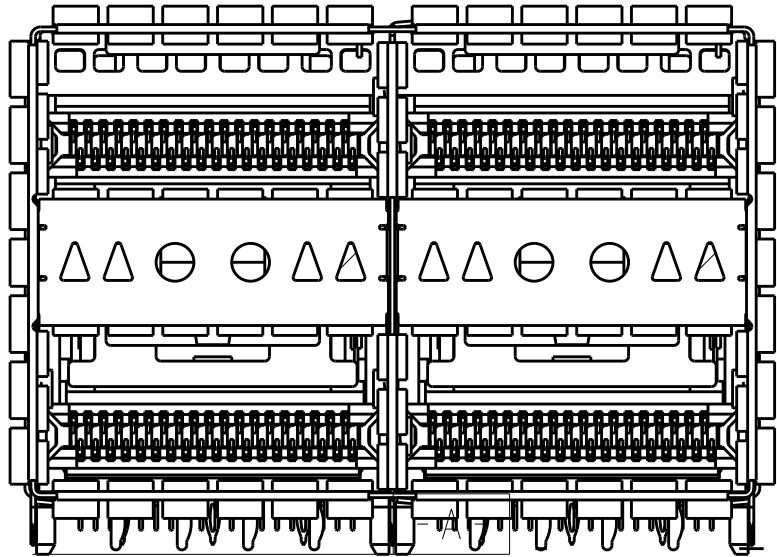
PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.

HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.

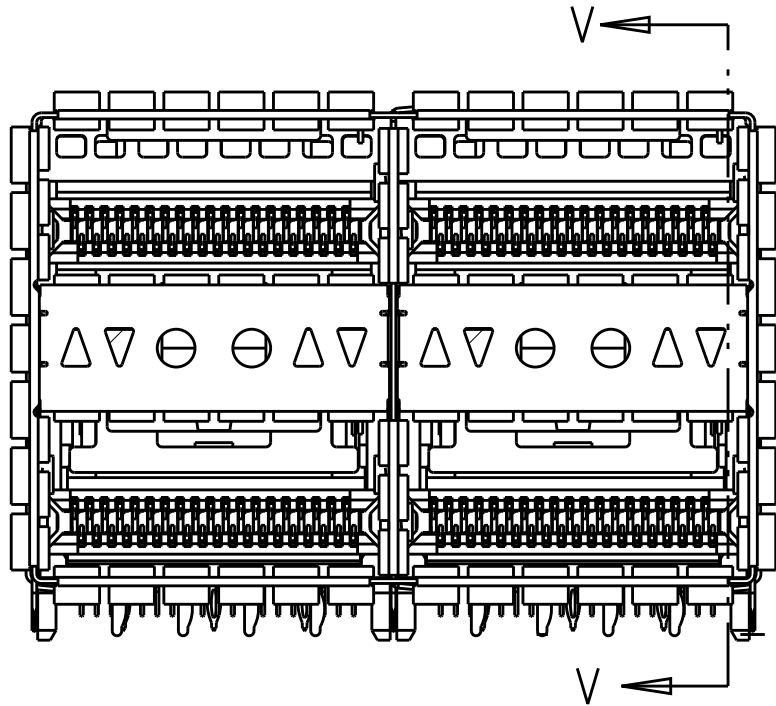
CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.

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 | <div><div>TE Connectivity</div></div> | | |
| DIMENSIONS: | | APVD
JASON YANG
30NOV2014 | | | |
| mm | | PRODUCT SPEC | NAME
ZOSFP+ 2X2 WITH EMI SPRING FINGERS
4 INTERNAL LIGHT PIPES | | |
| | | 108-60102 | | | |
| MATERIAL | | APPLICATION SPEC | SIZE
CAGE CODE
DRAWING NO | | |
| | | 114-60015 | | | |
| SEE NOTE 1 | | WEIGHT | A100779C=2289129 | | |
| SEE NOTE 2 | | CUSTOMER DRAWING | SCALE 4:1 SHEET 1 OF 6 REV E | | |
- 4805 (3/13)

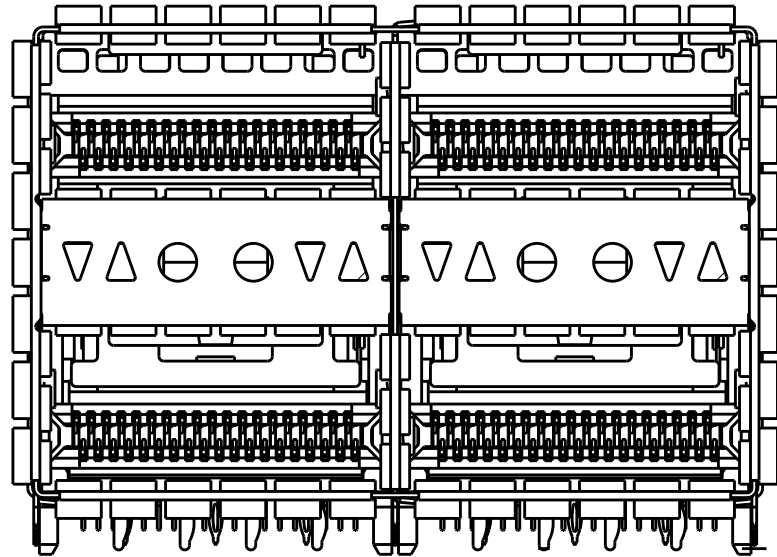
REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-



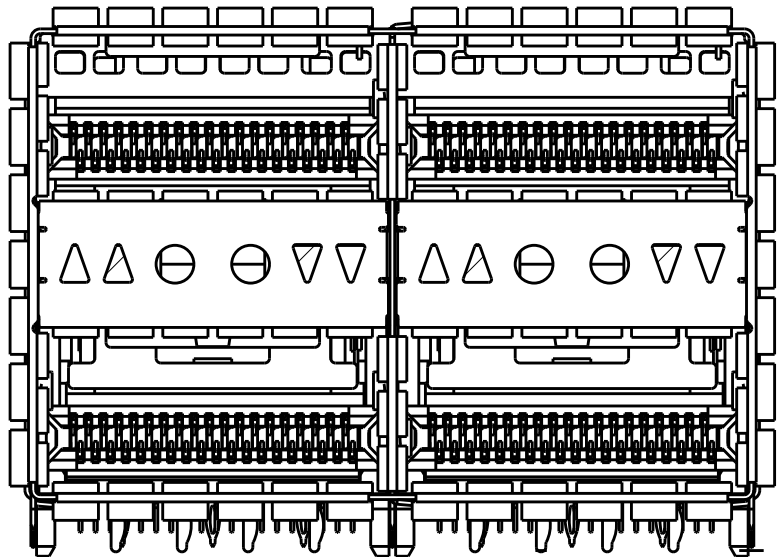
2289129-1
ALL INDICATORS UP
SCALE 5:2



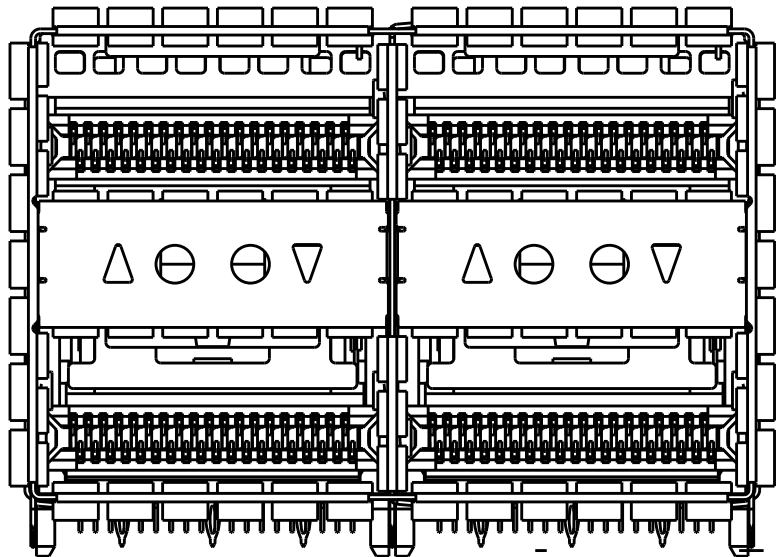
2289129-2
LEFT INDICATOR UP
SCALE 5:2



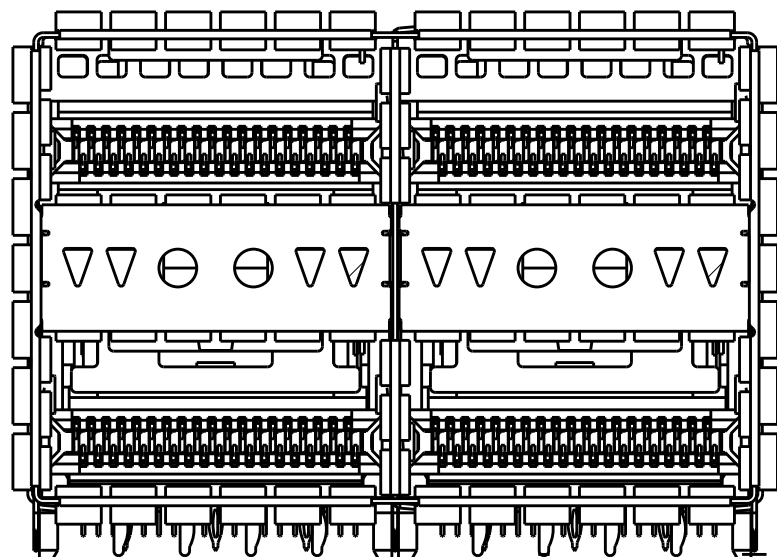
2289129-3
LEFT INDICATOR DOWN
SCALE 5:2



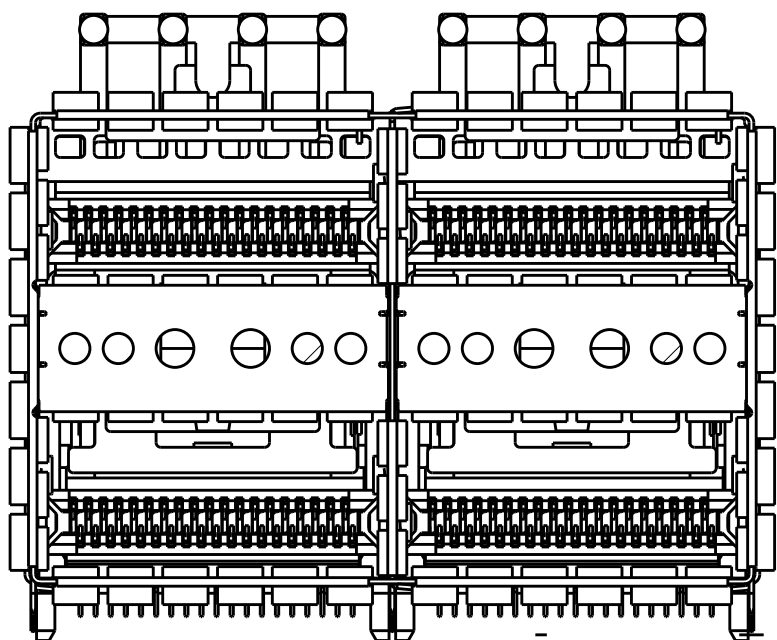
2289129-4
LEFT INDICATOR UP
SCALE 5:2



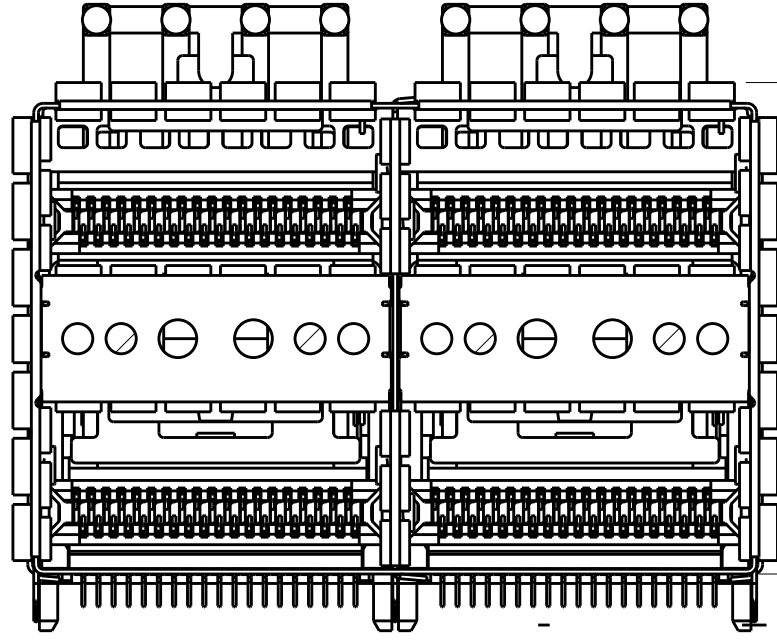
2289129-5
2289129-7
LEFT INDICATORS UP(2 LIGHT PIPES)
SCALE 5:2



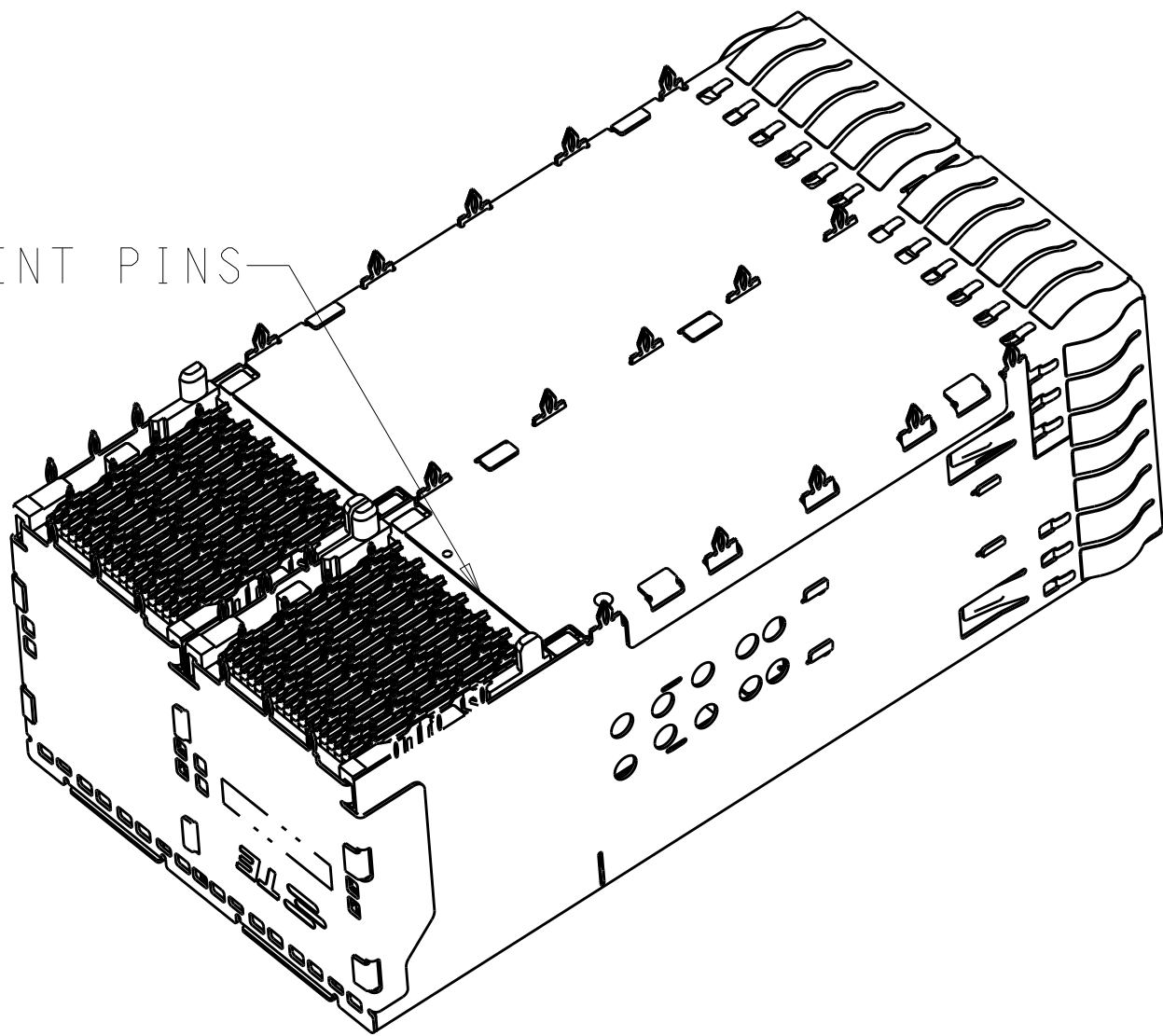
2289129-6
ALL INDICATORS DOWN
SCALE 5:2



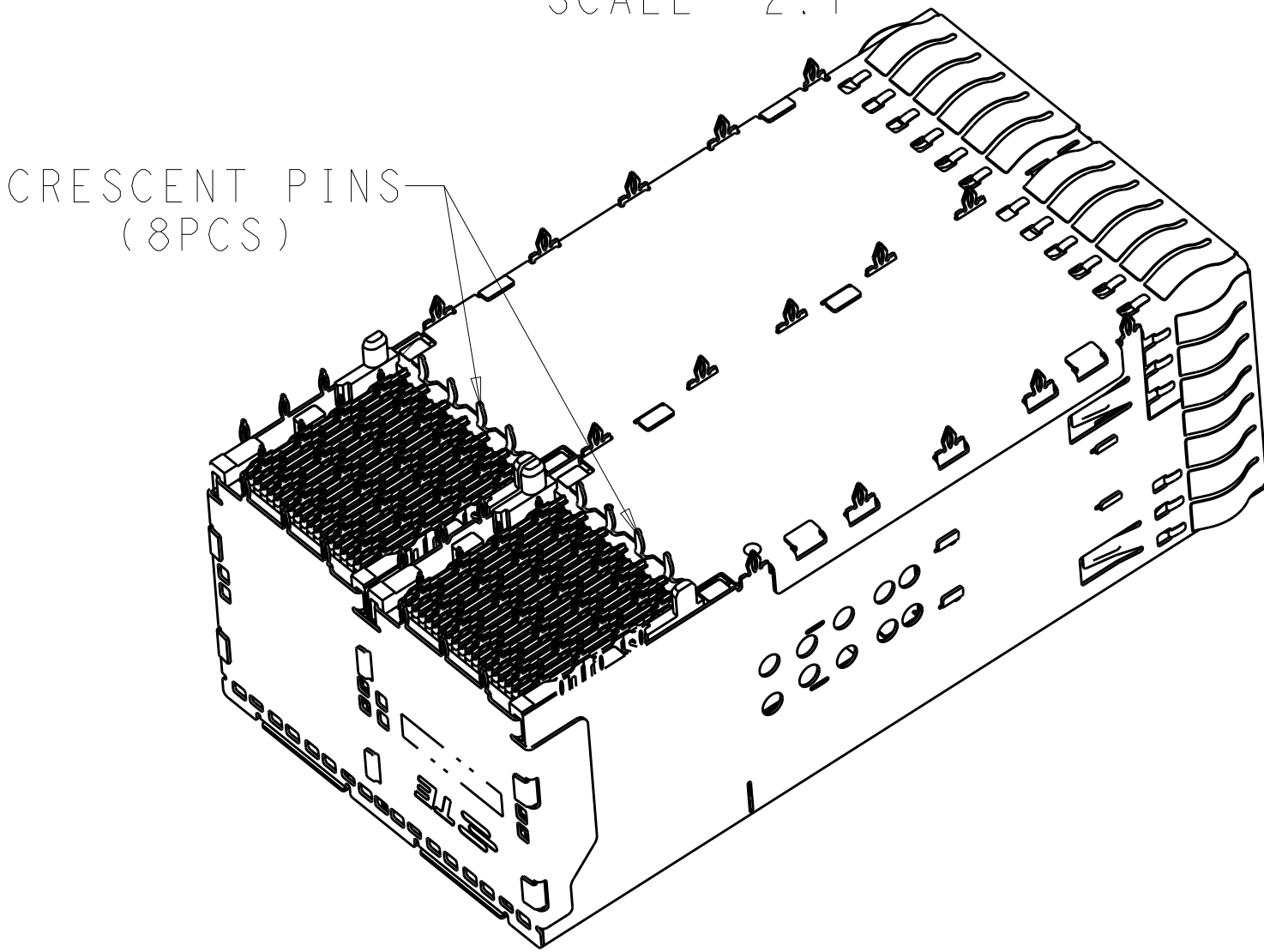
2289129-8
SCALE 5:2



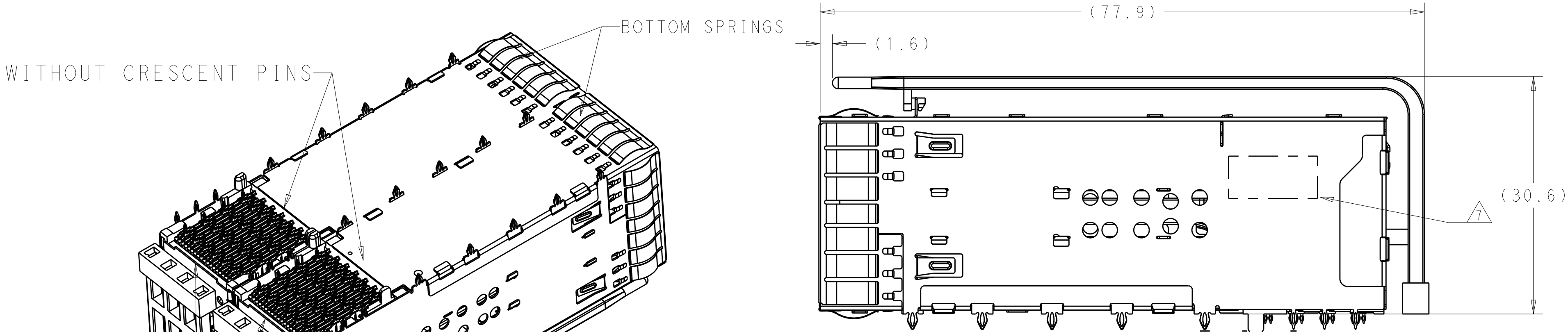
2289129-9 SAME TO 2289129-8
EXCEPT REMOVE THE BOTTOM SPRINGS
SCALE 5:2



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

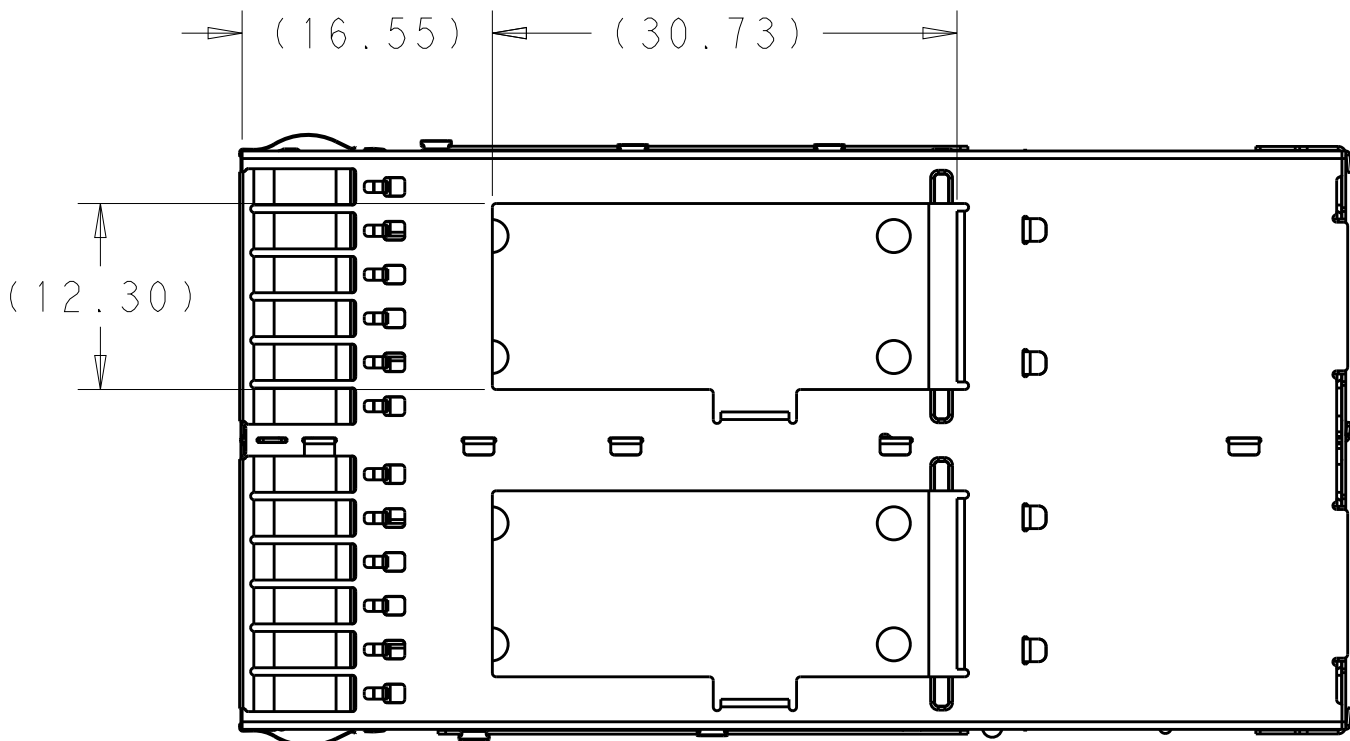


2289129-1 TO 2289129-4 & 2289129-6
WITH CRESCENT PINS AS SHOWN
SCALE 2:1



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

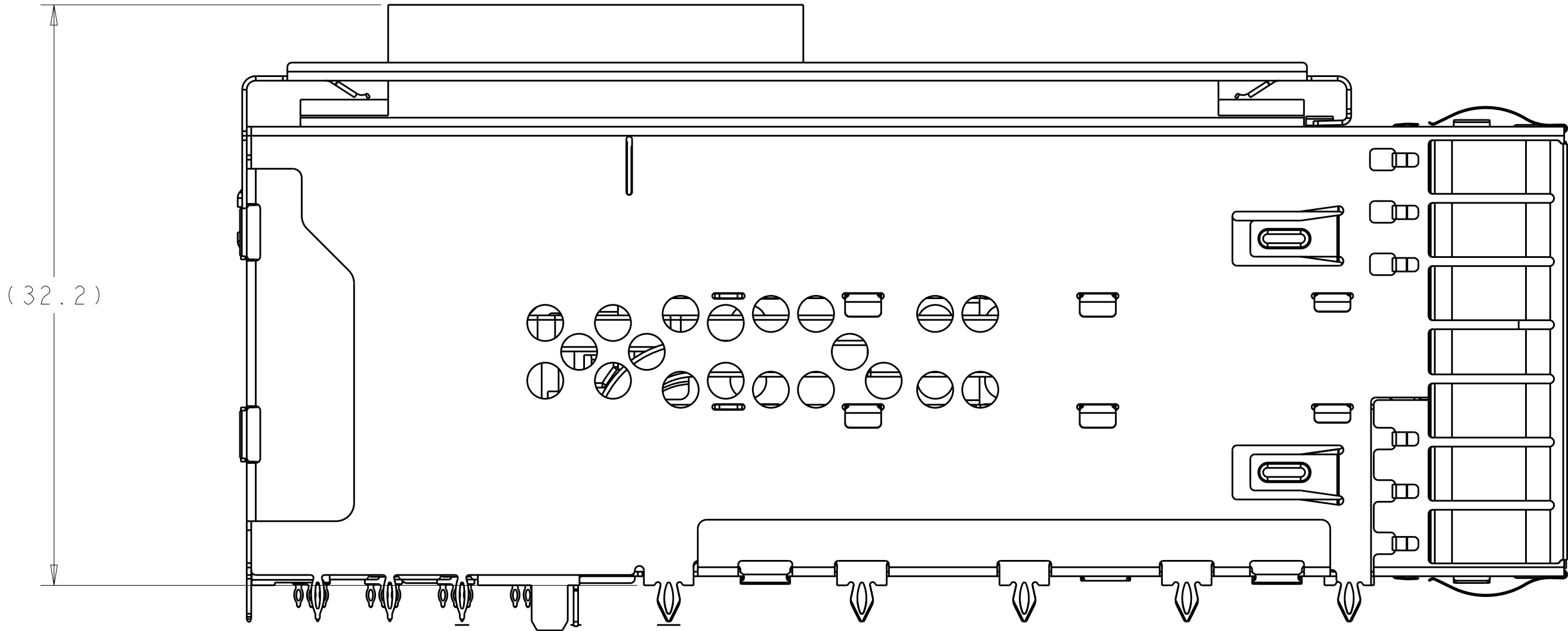
2289129-8
2289129-9 WITHOUT BOTTOM SPRINGS
SCALE 5:2



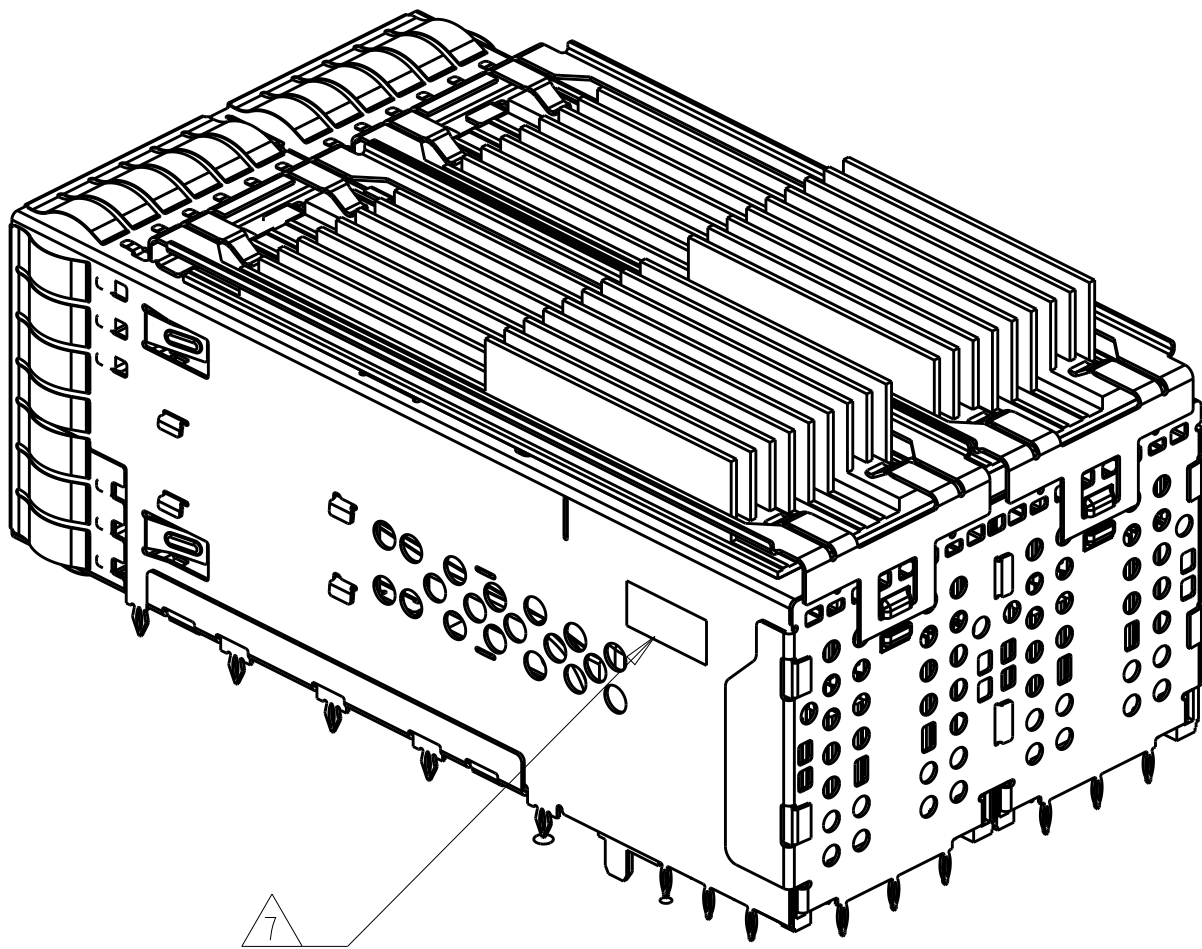
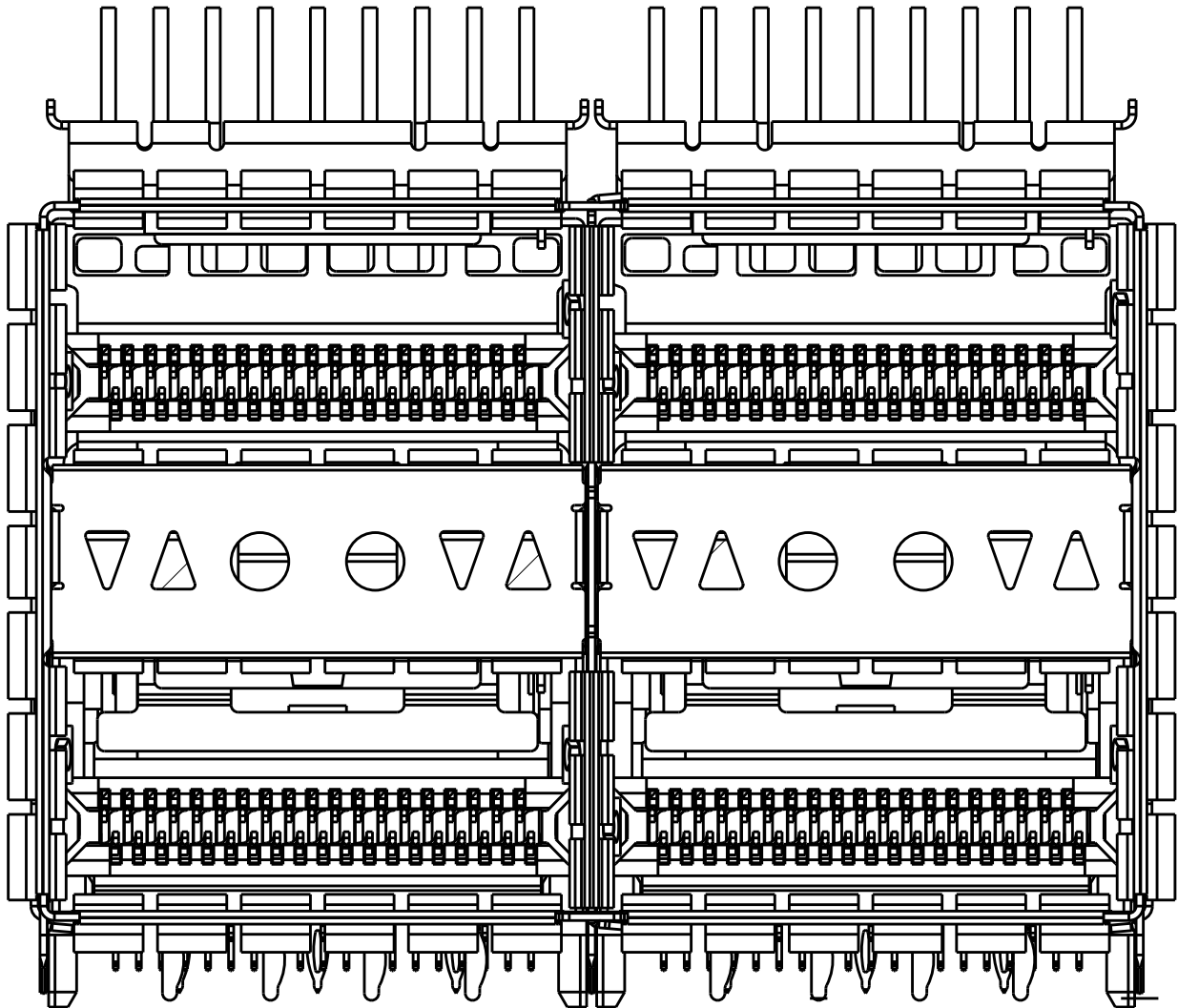
2289129-7 AS SHOWN WITH TOP SLOTS
SCALE 2:1

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

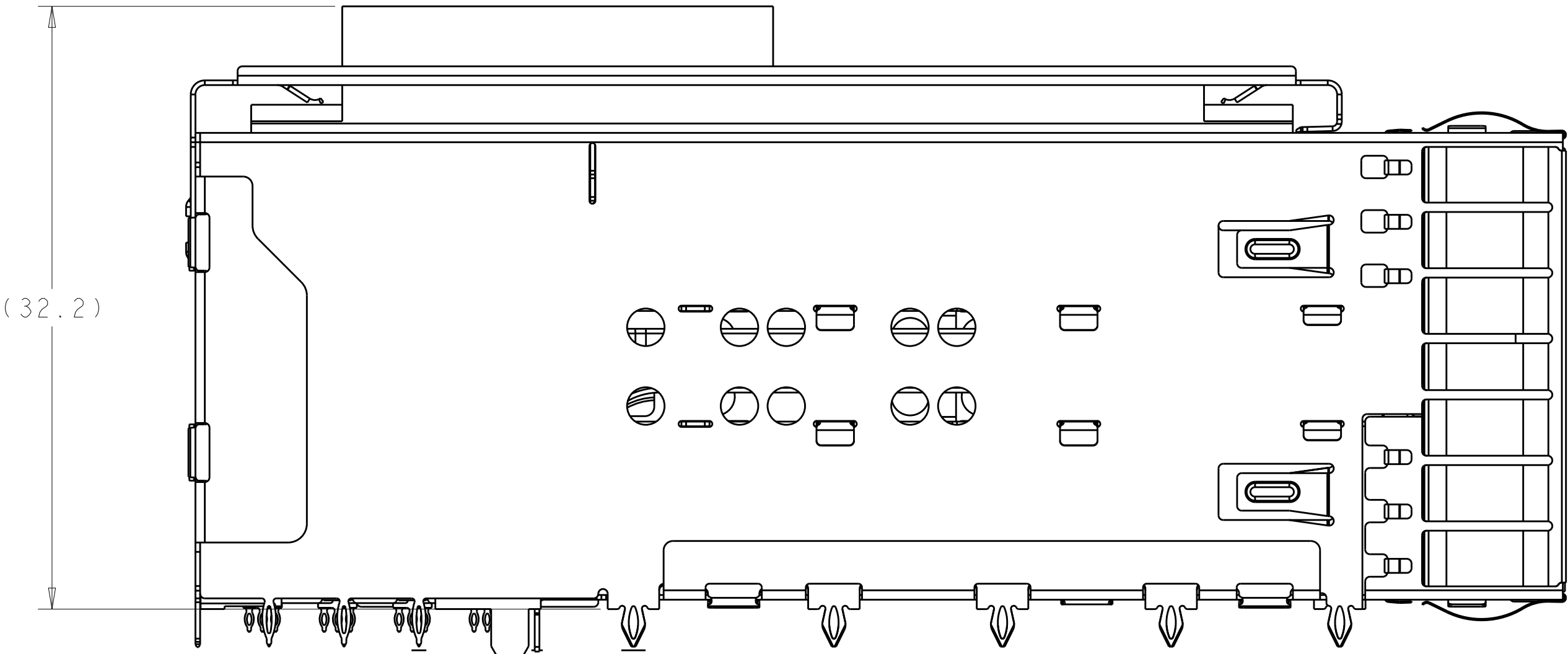
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



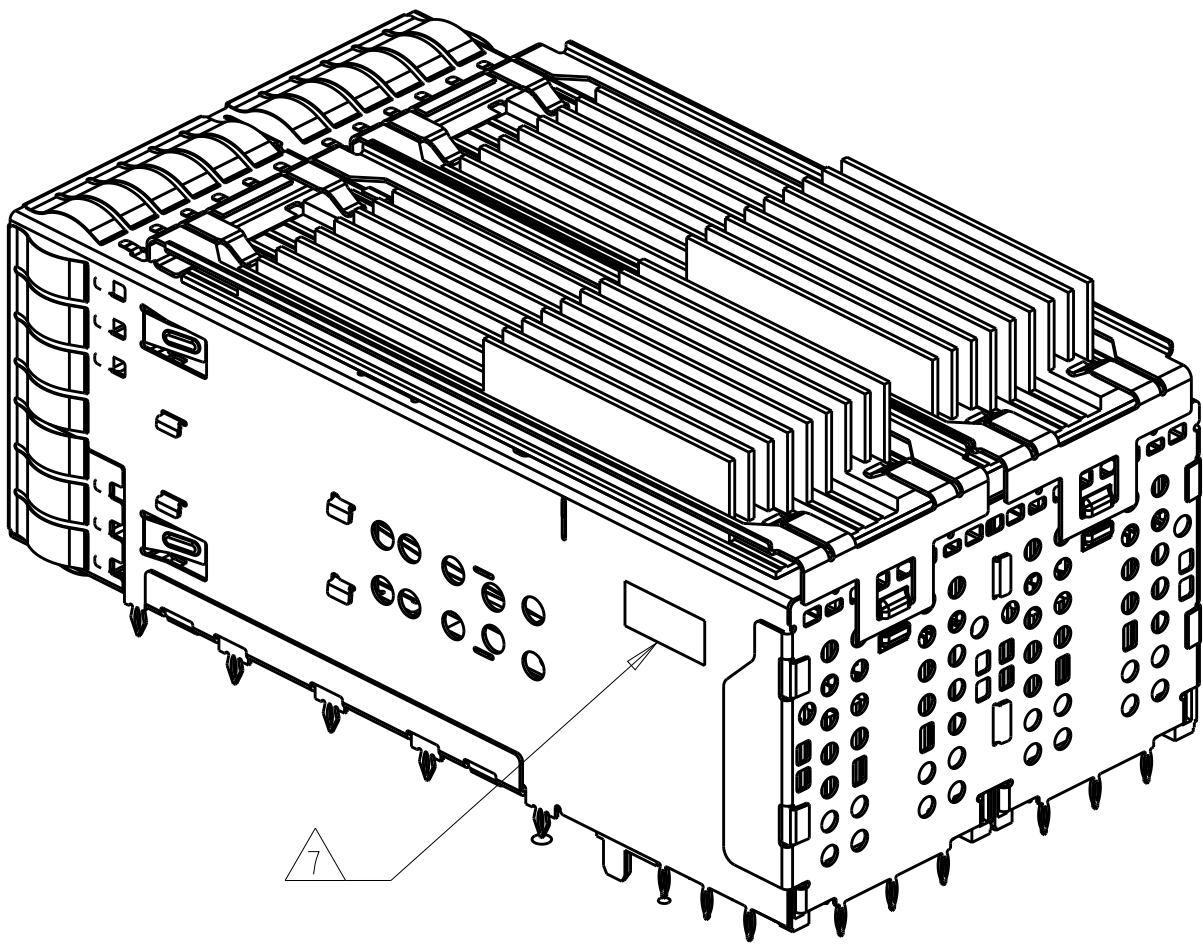
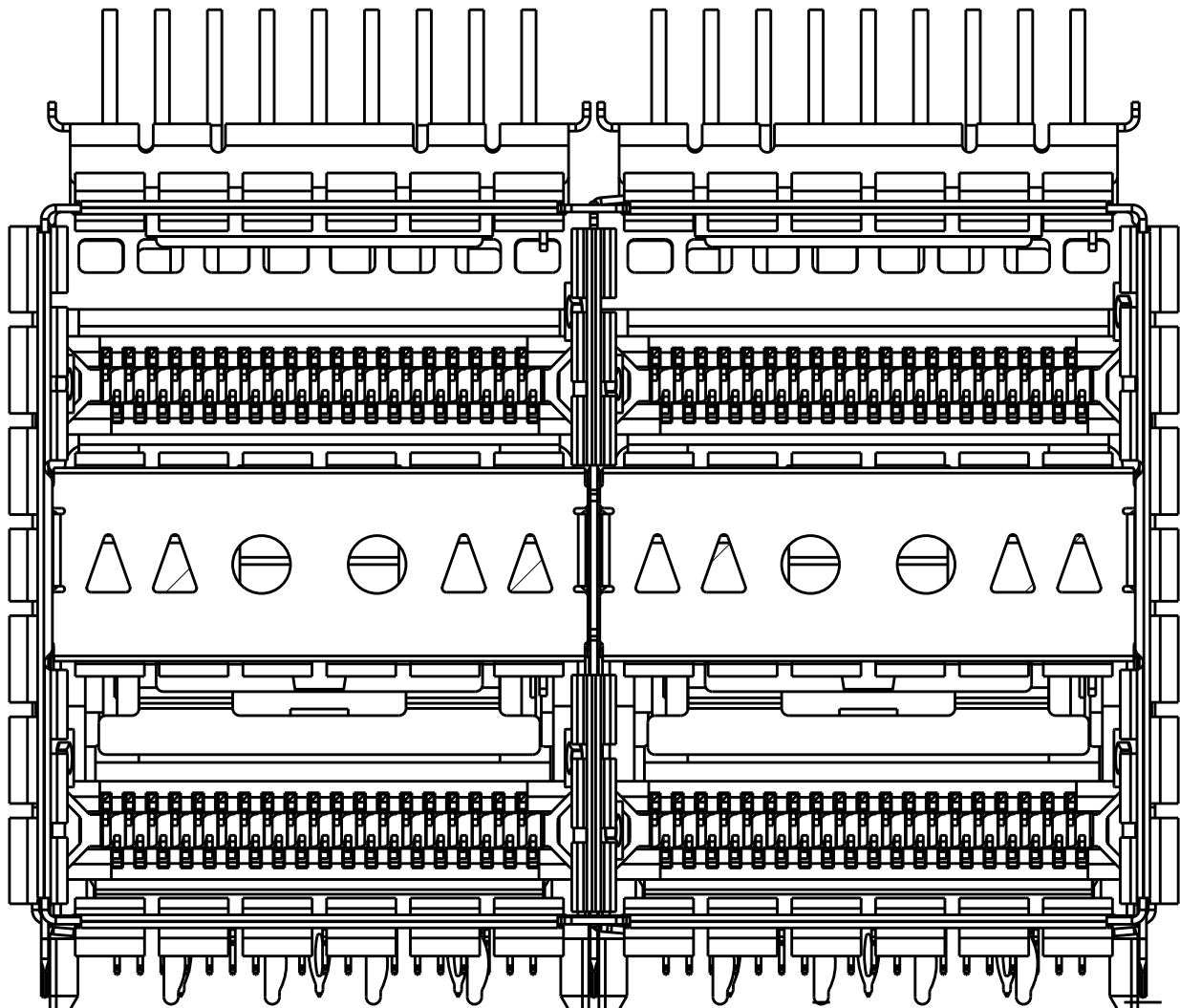
1-2289129-3
SCALE 4:1



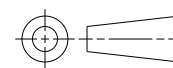
1-2289129-3
SCALE 2:1



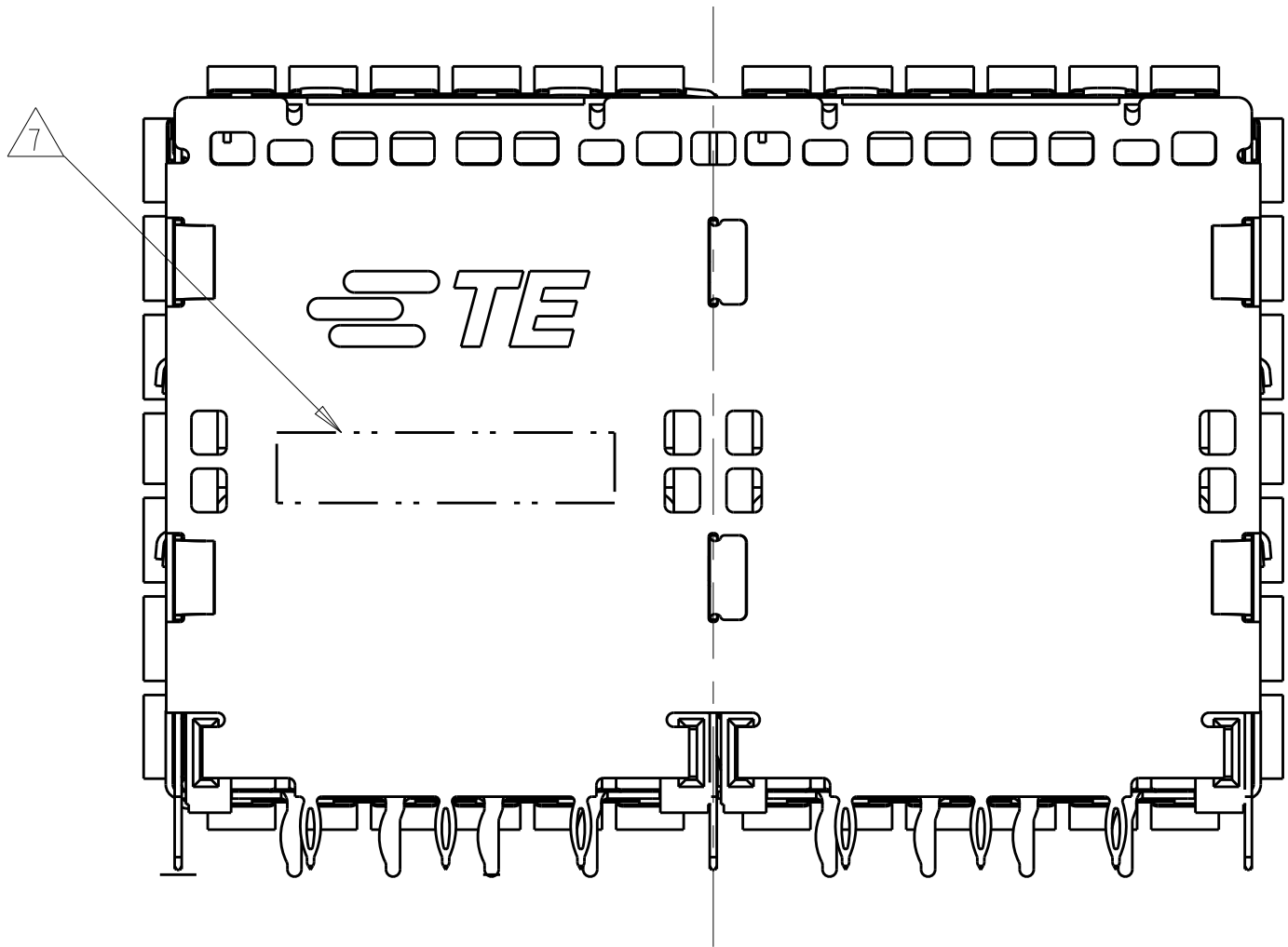
1-2289129-1
SCALE 4:1



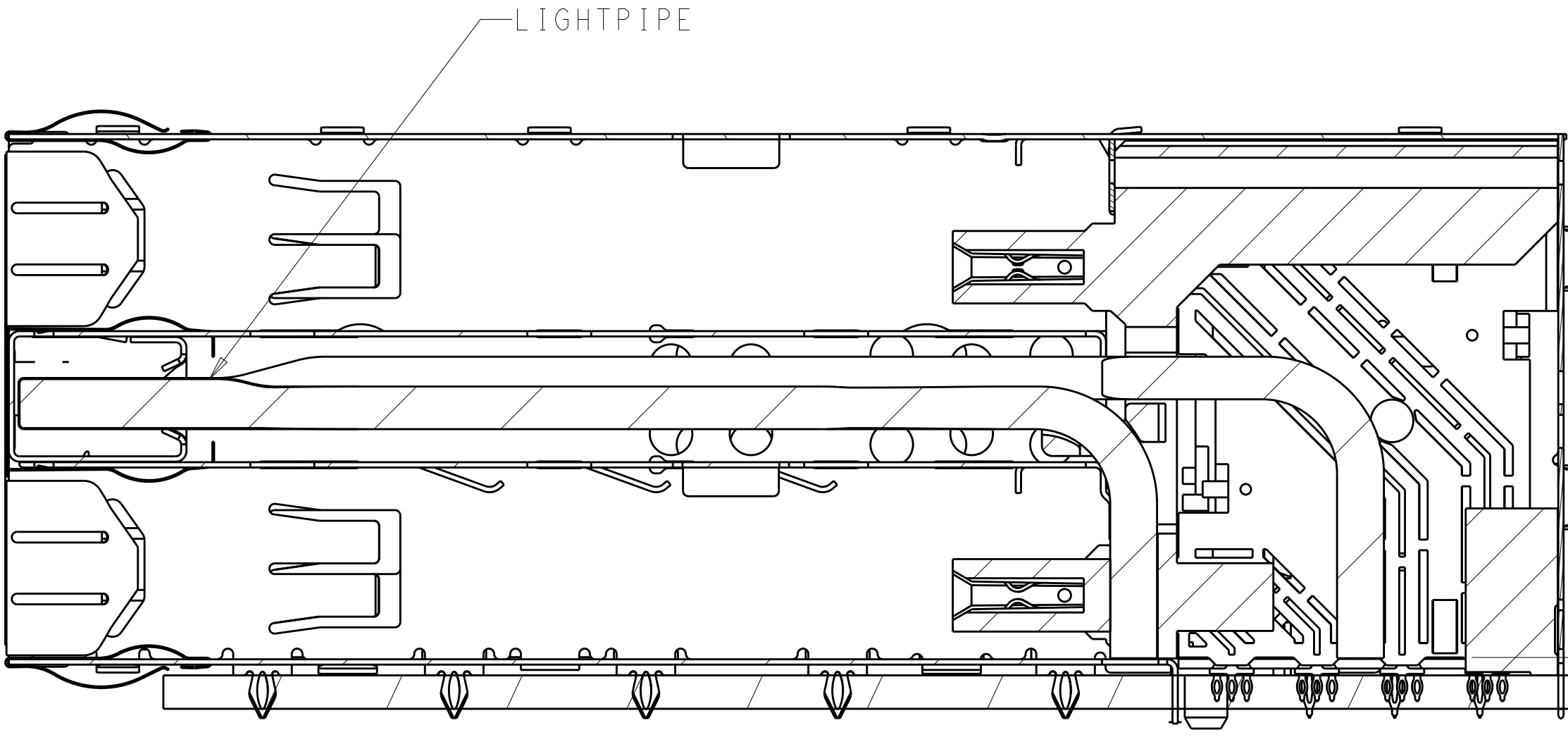
1-2289129-1
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	30NOV2014	 TE Connectivity	
		CHK JASON YANG	30NOV2014		
DIMENSIONS:		APVD JASON YANG	30NOV2014	NAME ZOSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES	
mm		PRODUCT SPEC			
		108-60102		SIZE A1	
		APPLICATION SPEC			
		114-60015		CAGE CODE C=2289129	
		FINISH			
MATERIAL		WEIGHT		RESTRICTED TO	
SEE NOTE 1		SEE NOTE 2		-	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 3 OF 6 REV E	

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



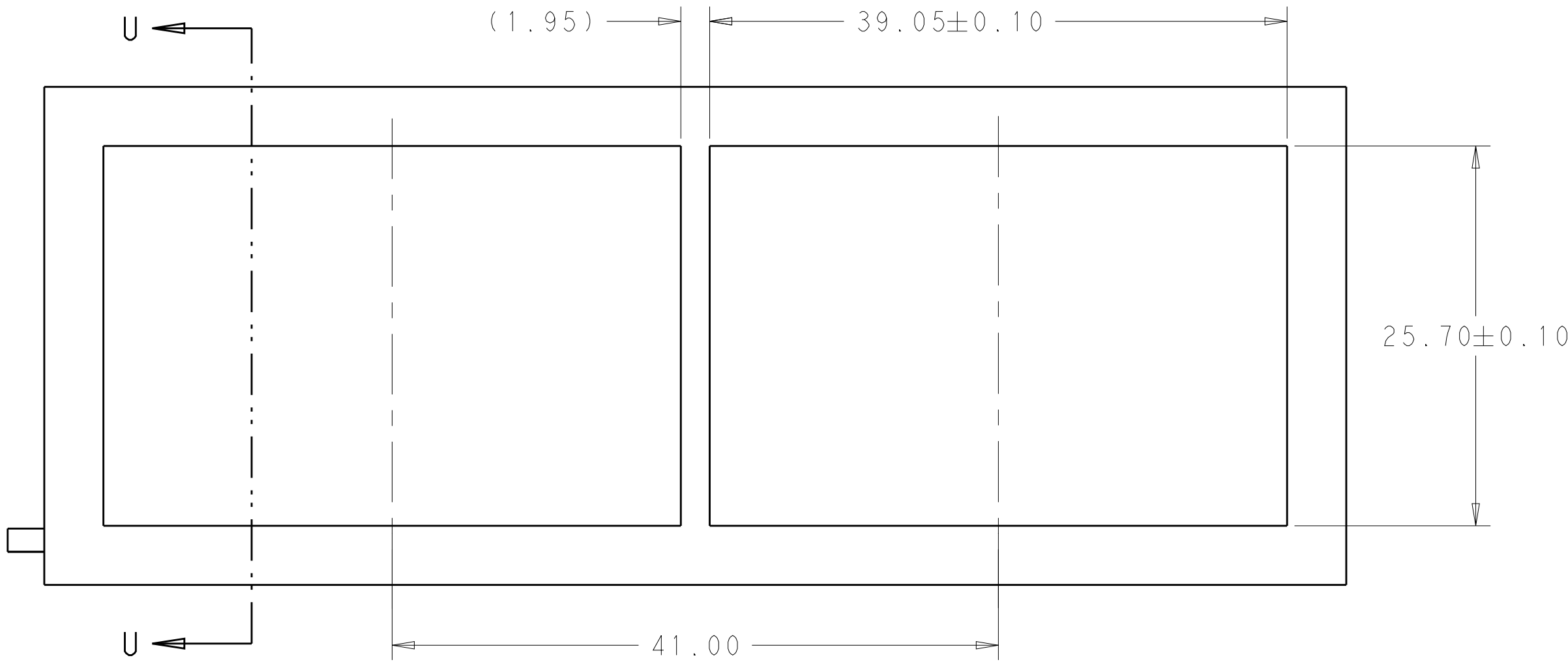
VIEW Y-Y



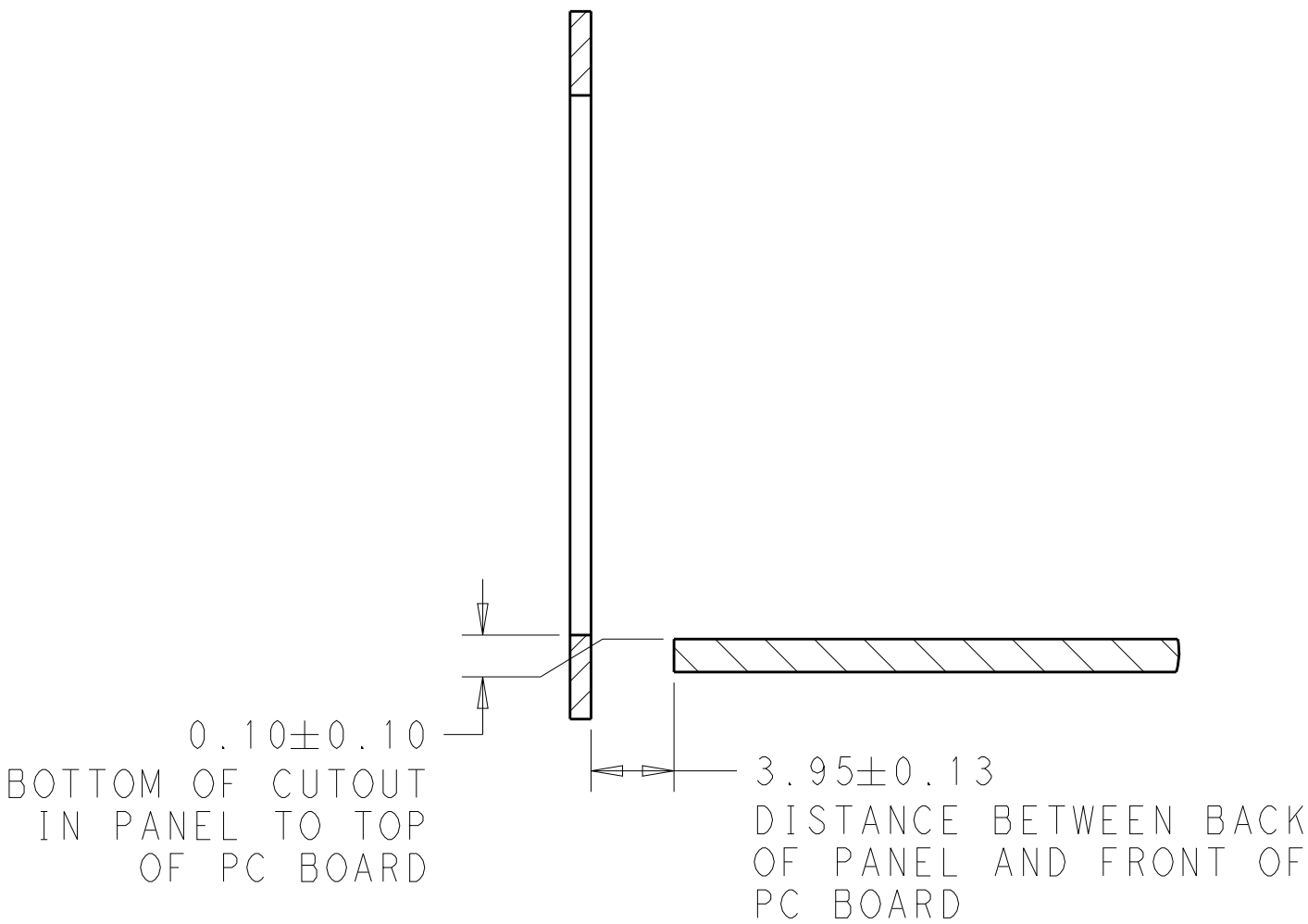
SECTION V-V
SCALE 4:1

(0.80)
RECOMMENDED 0805
PACKAGE SMD CHIP
LED LAMPS

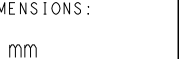
1.57 MIN PCB THICKNESS



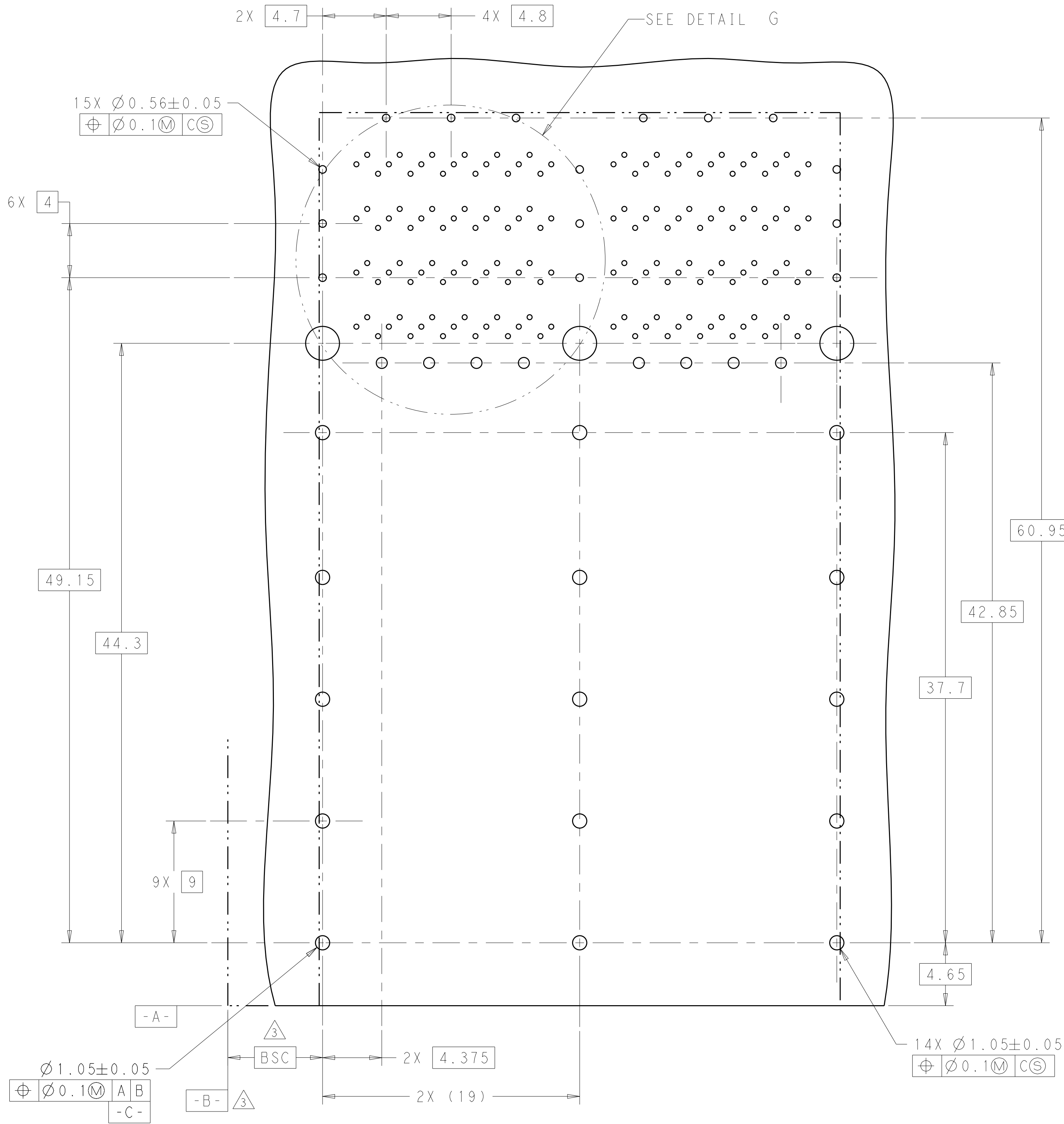
RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION
SCALE 3:1



SECTION U-U

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	30NOV2014	 TE Connectivity	
		CHK JASON YANG	30NOV2014		
DIMENSIONS:		APVD JASON YANG	30NOV2014	NAME ZOSFP+ 2X2 WITH EMI SPRING FINGERS 4 INTERNAL LIGHT PIPES	
mm		PRODUCT SPEC			
		108-60102		SIZE A1	
		APPLICATION SPEC			
		114-60015			
		WEIGHT			
		-			
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
SEE NOTE 1		SEE NOTE 2		SCALE 4:1 SHEET 4 OF 6 REV E	

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



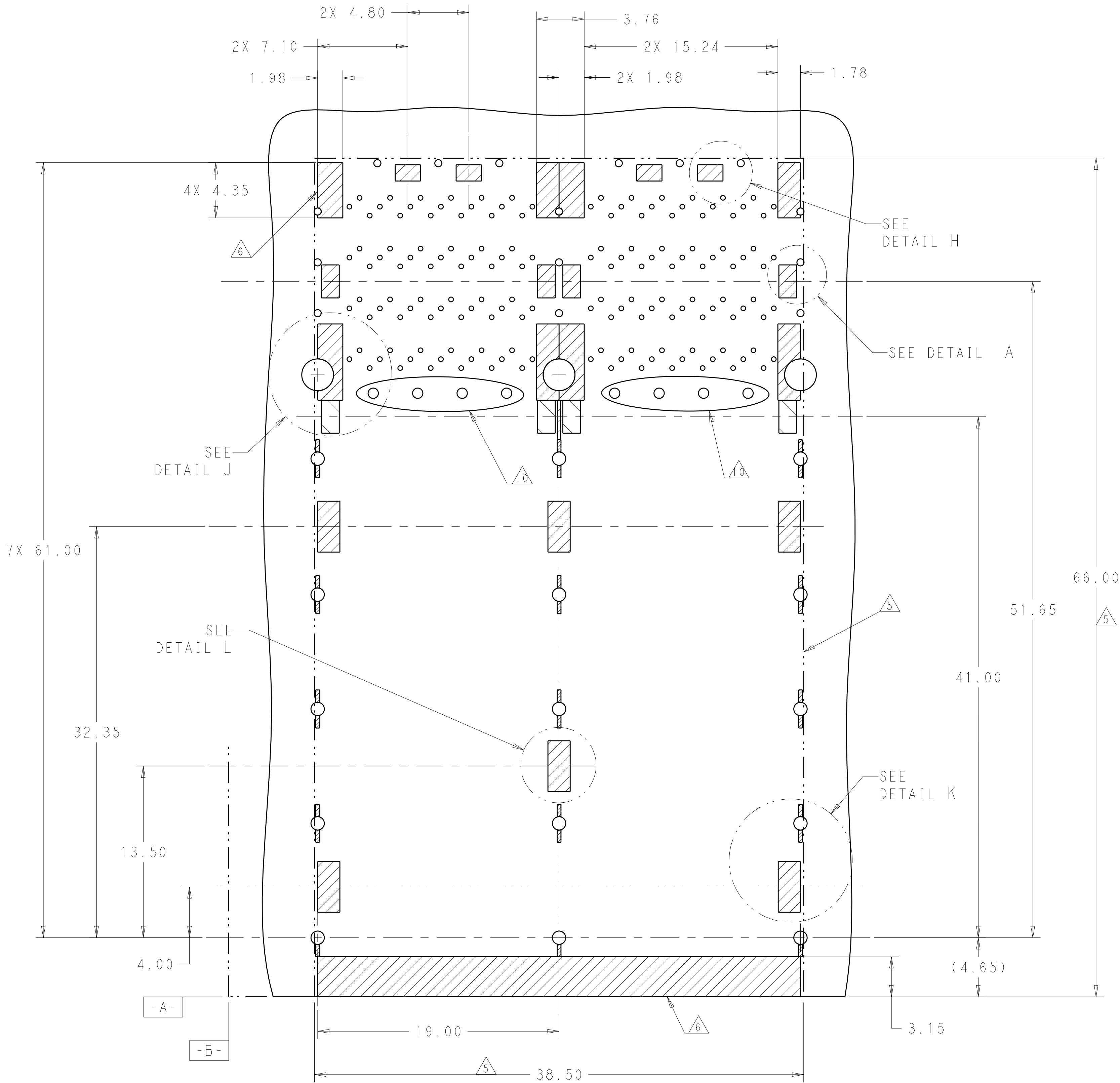
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

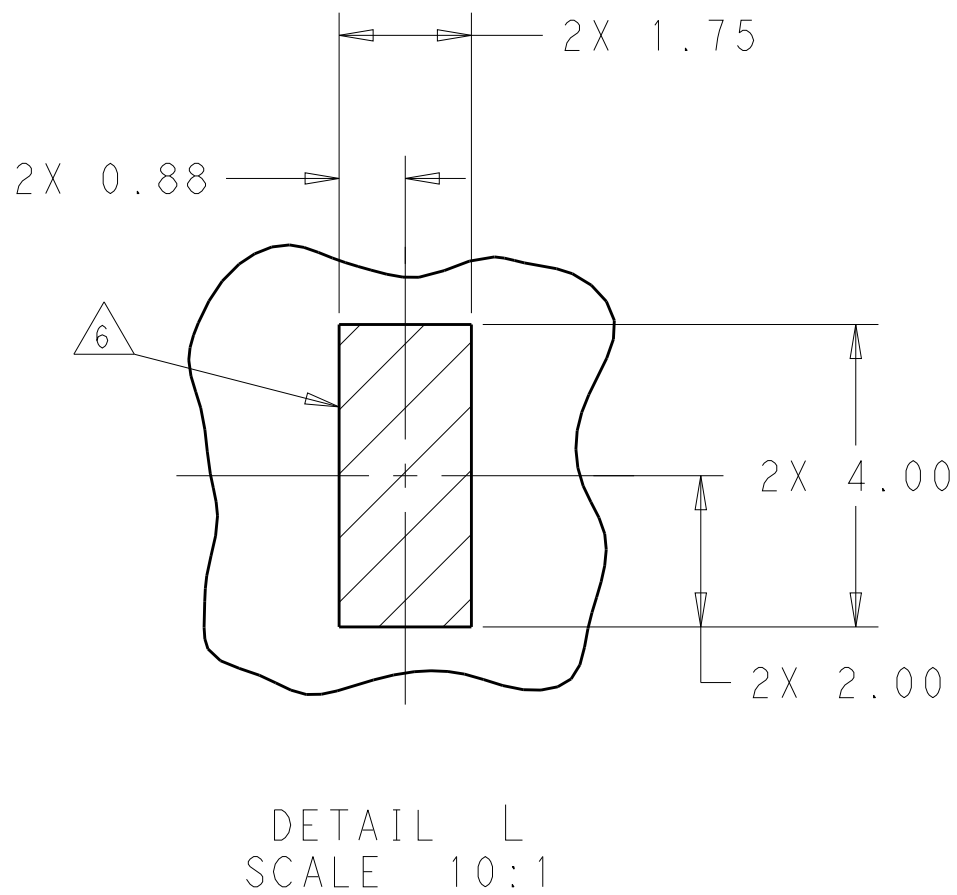
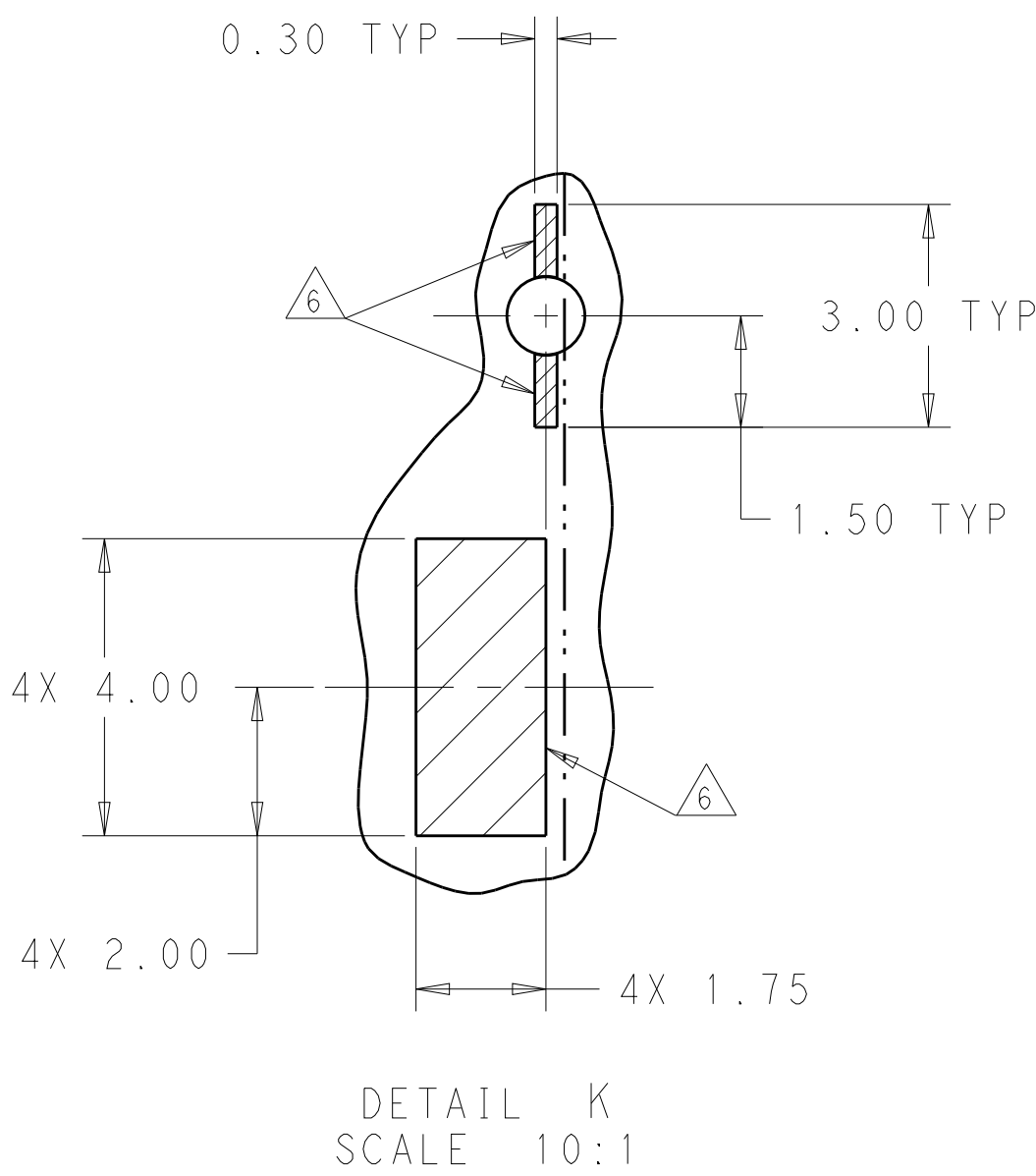
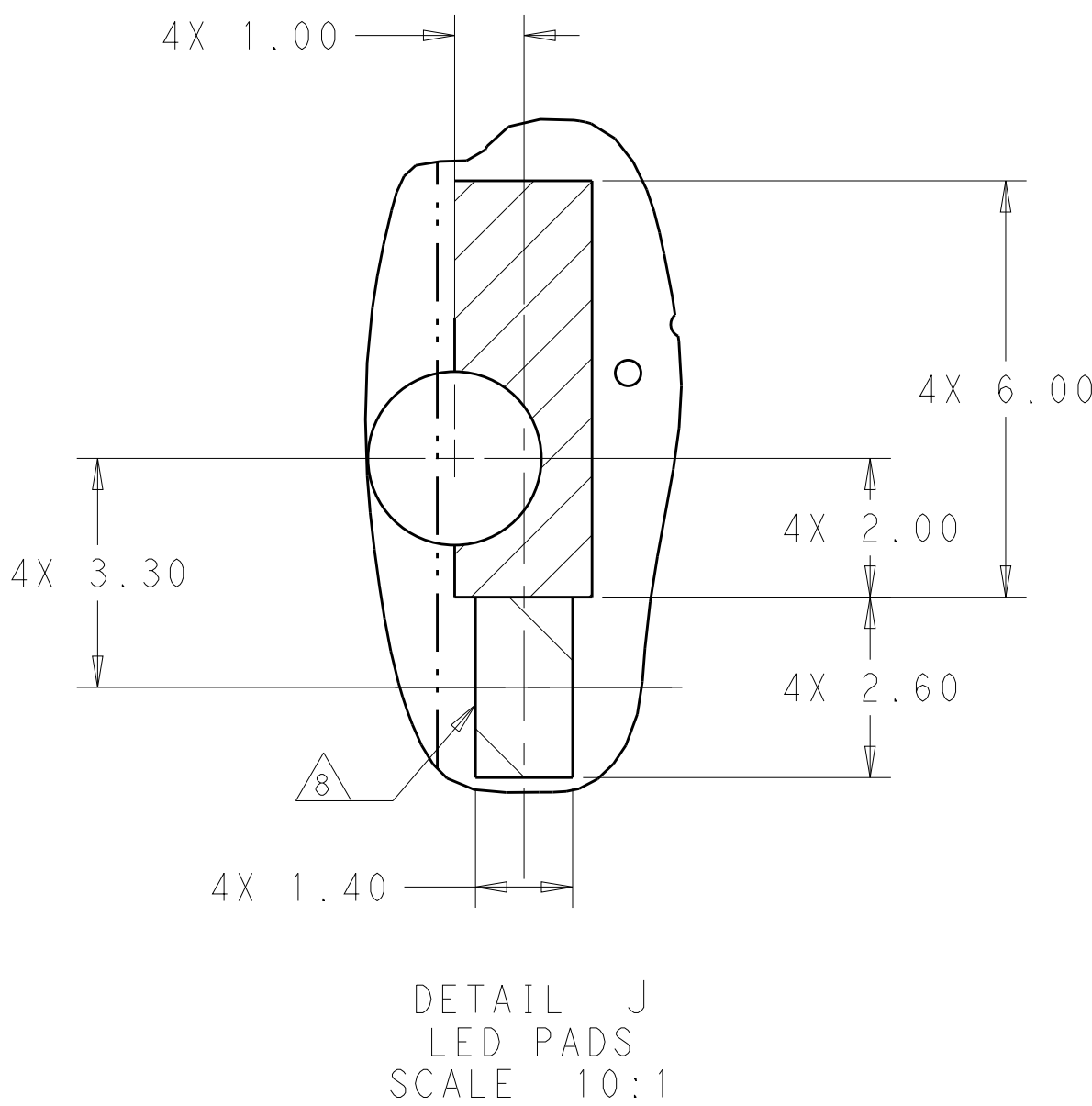
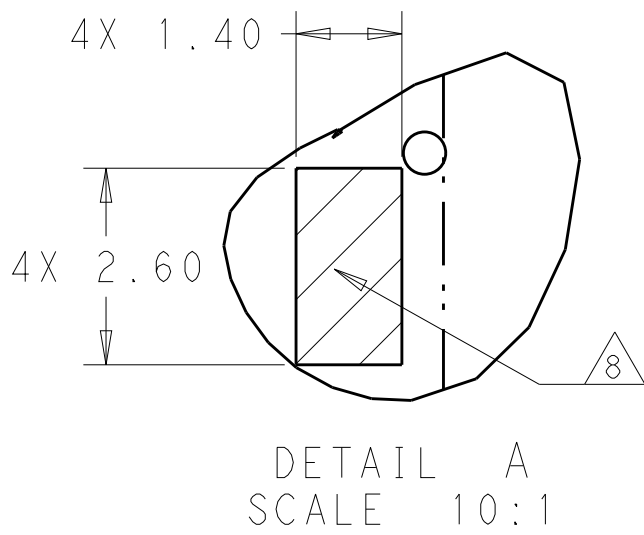
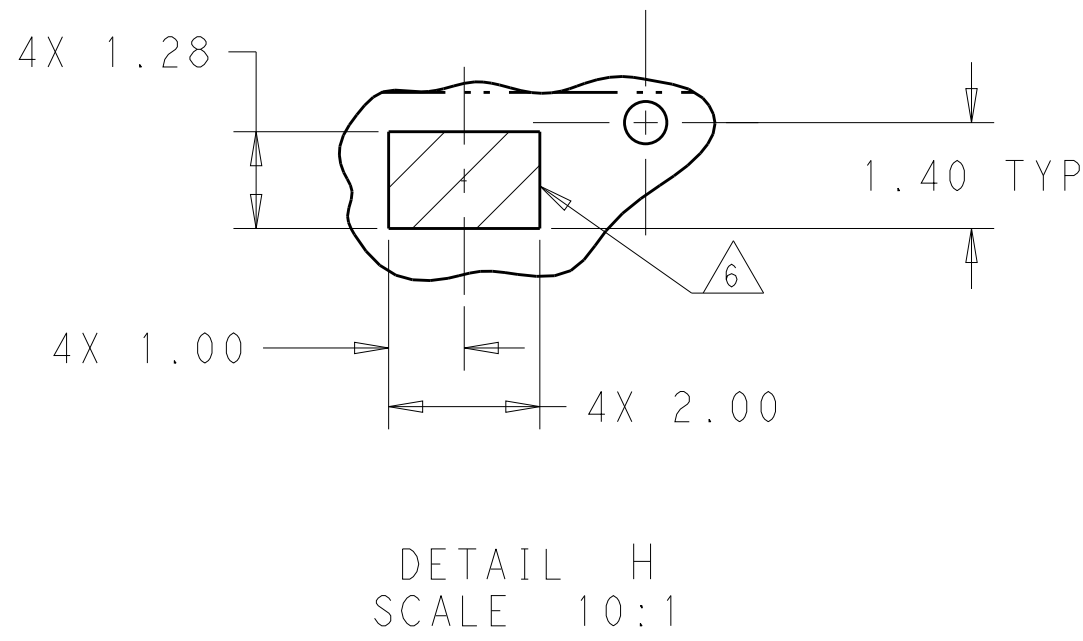
C

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	REV E