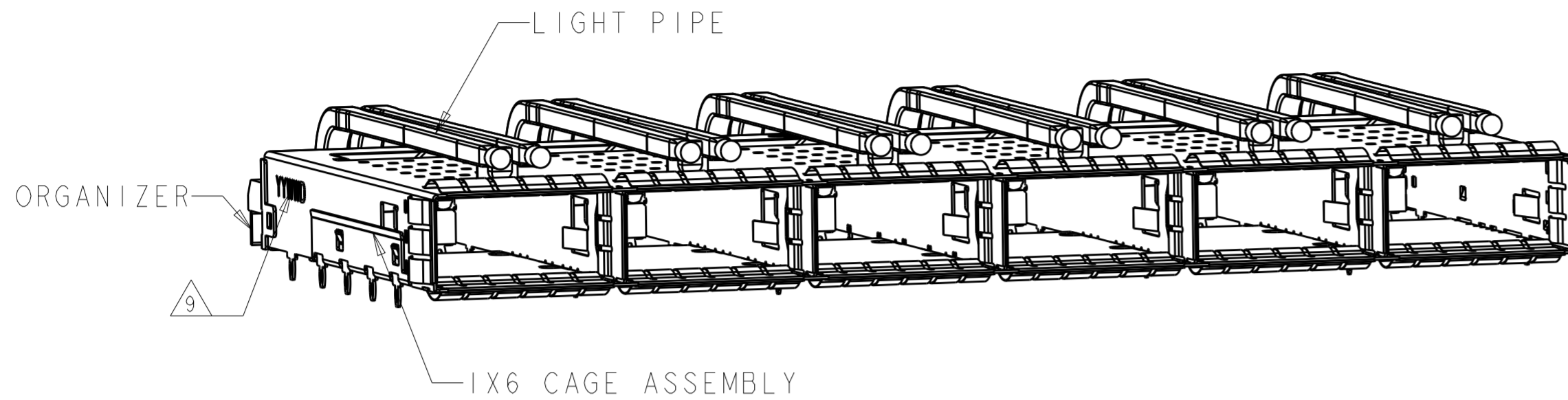
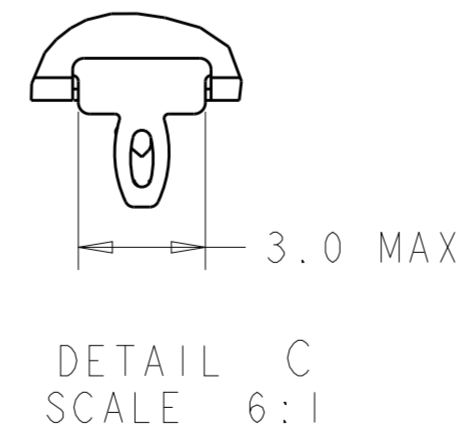
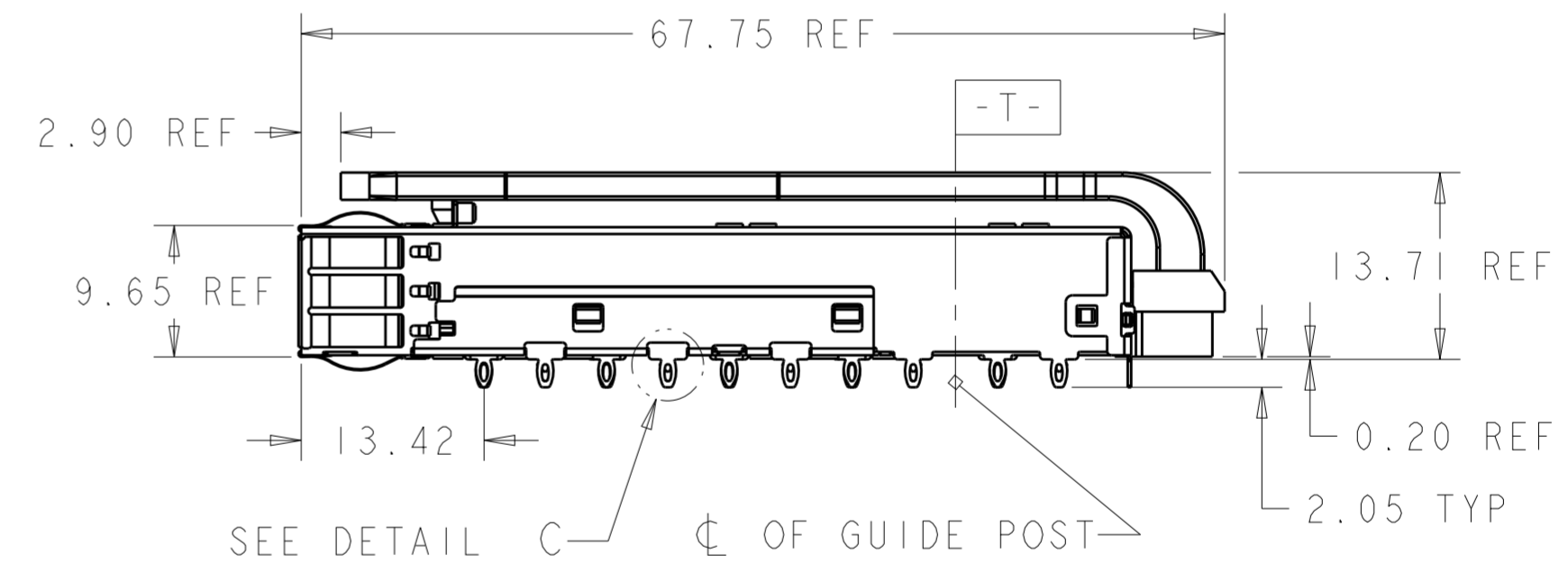
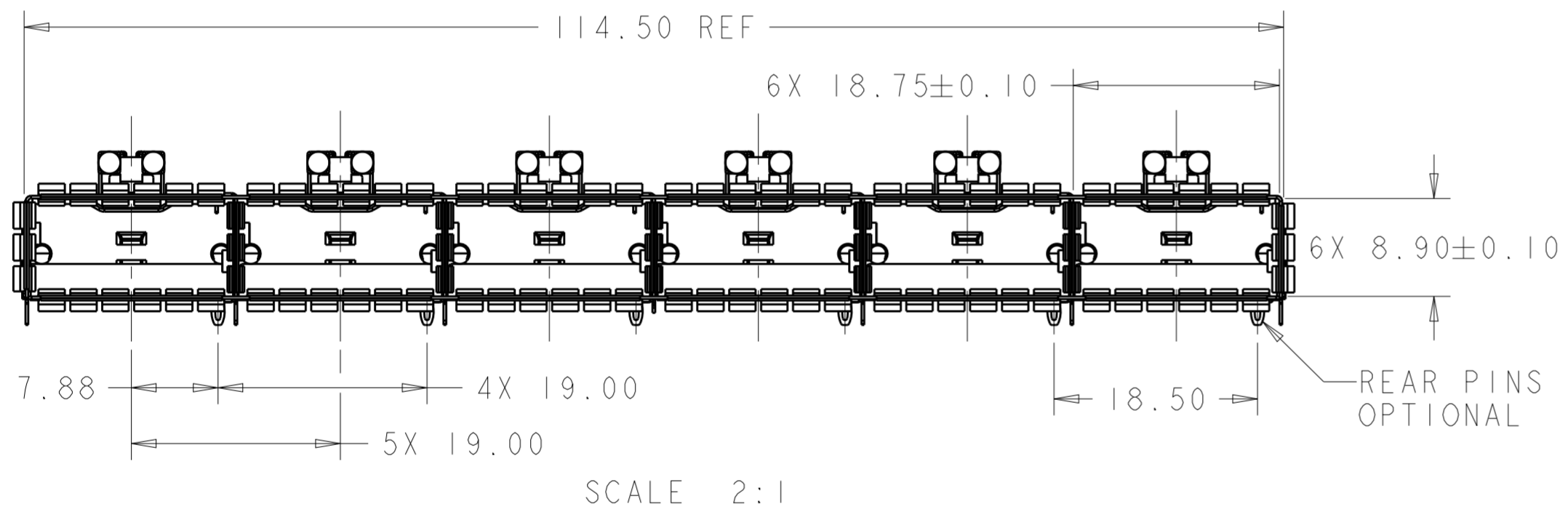


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		RELEASE	08NOV2016	JY	SH
B		REVISED PER ECO-20-003007	3MAR2020	JW	SH



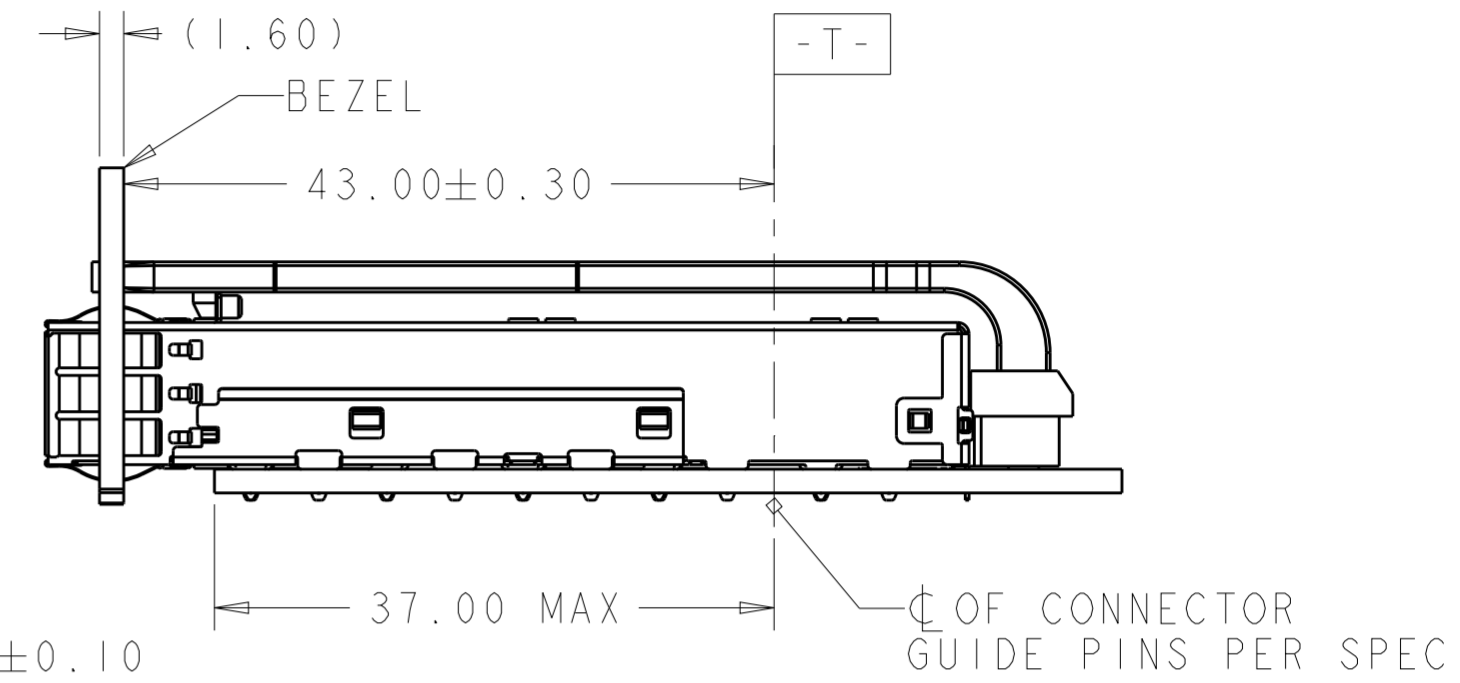
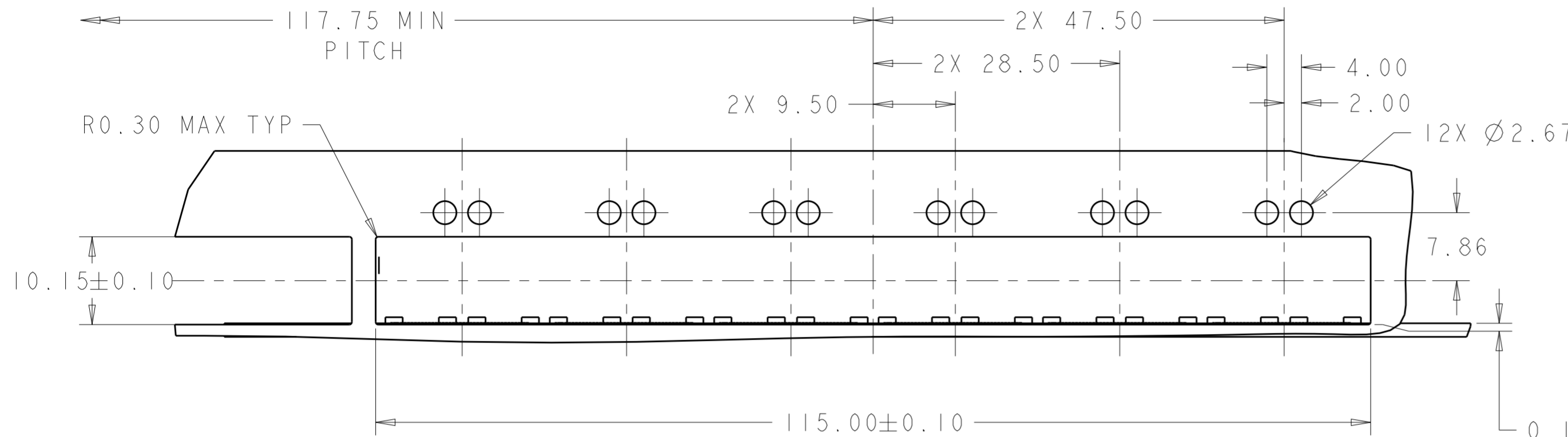
1. COMPONENTS
 CAGE ASSEMBLY: NICKEL-SILVER ALLOY
 EMI SPRING: COPPER ALLOY/NICKEL PLATE
 LIGHT PIPE: CLEAR POLYCARBONATE WITH UL 94 V-0
 ORGANIZER: POLYESTER WITH UL 94 V-0
2. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
4. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
5. LIGHT PIPES ARE SHIPPED ASSEMBLED ON CAGE
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
 DOUBLE SIDED: 2.20 MIN
7. DATUM **-A-** IS TOP SURFACE OF THE HOST BOARD.
8. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
9. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.



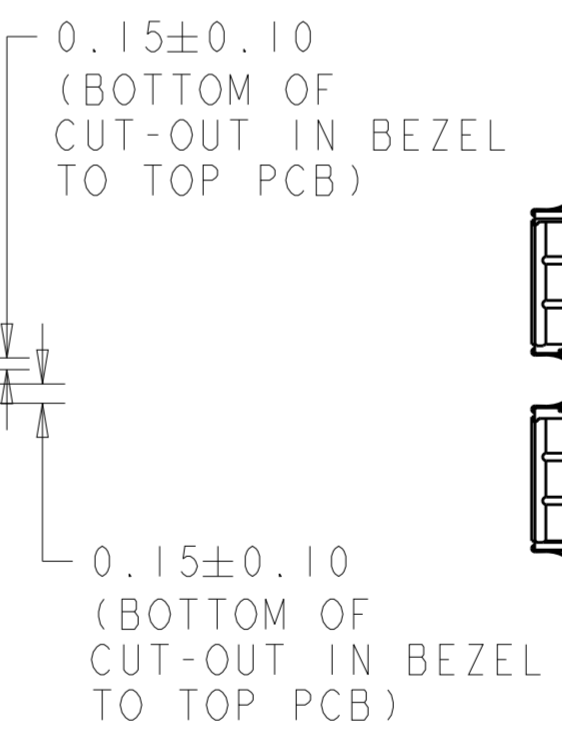
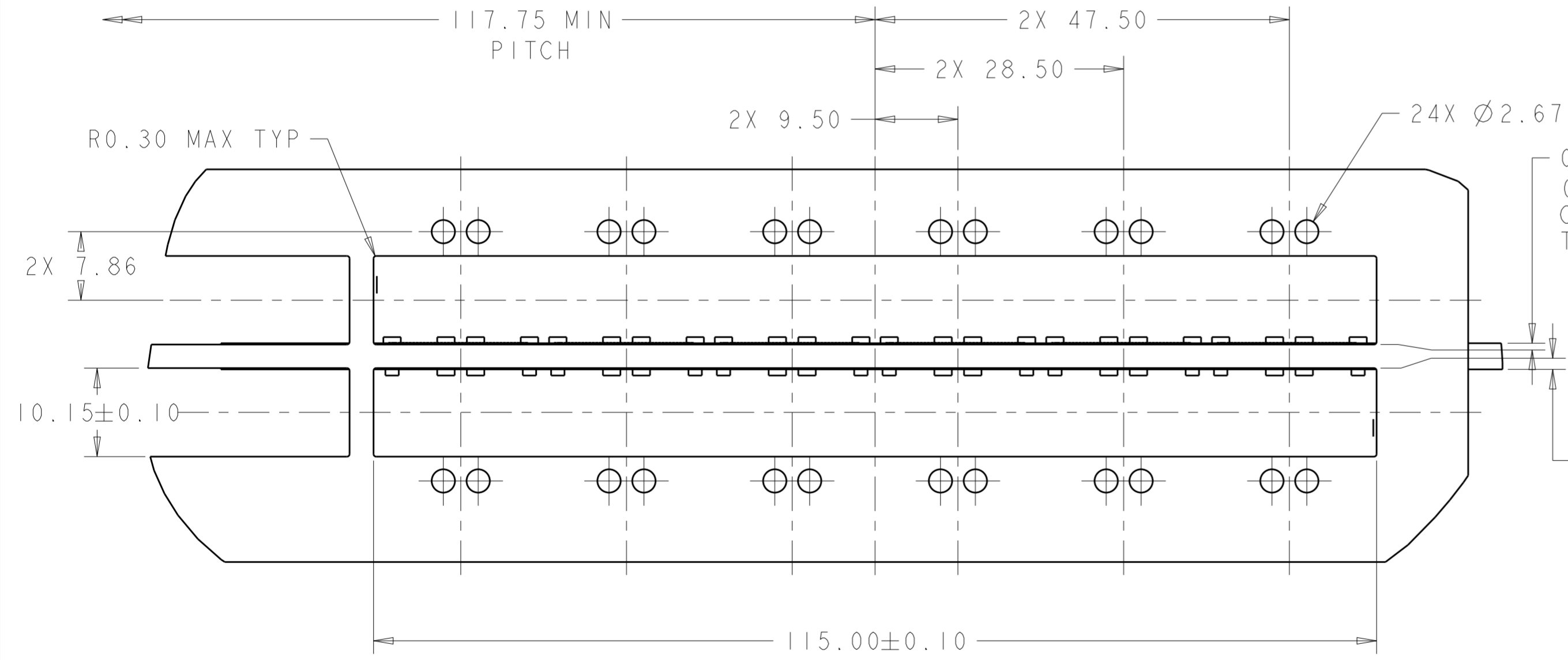
SINGLE	WITHOUT	2170734-6
SINGLE	WITH	2170734-5
QUAD	WITHOUT	2170734-4
QUAD	WITH	2170734-3
DUAL	WITHOUT	2170734-2
DUAL	WITH	2170734-1
LIGHT PIPE OPTIONS	REAR PINS OPTIONAL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14FEB2020 JASON YANG	TE Connectivity	
		CHK 08NOV2016 SEAN HAN		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD -	NAME	RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING
mm	0 PLC ±- 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC 108-19428	SIZE	A2
MATERIAL TBD	FINISH SEE NOTES	APPLICATION SPEC 114-32023	CAGE CODE	00779
material_2	finish_spec_2	WEIGHT -	DRAWING NO	C-2170734
CUSTOMER DRAWING			RESTRICTED TO	
			SCALE 3:1	SHEET 1 OF 12 REV B

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



SINGLE SIDE MOUNTING
SCALE 2:1

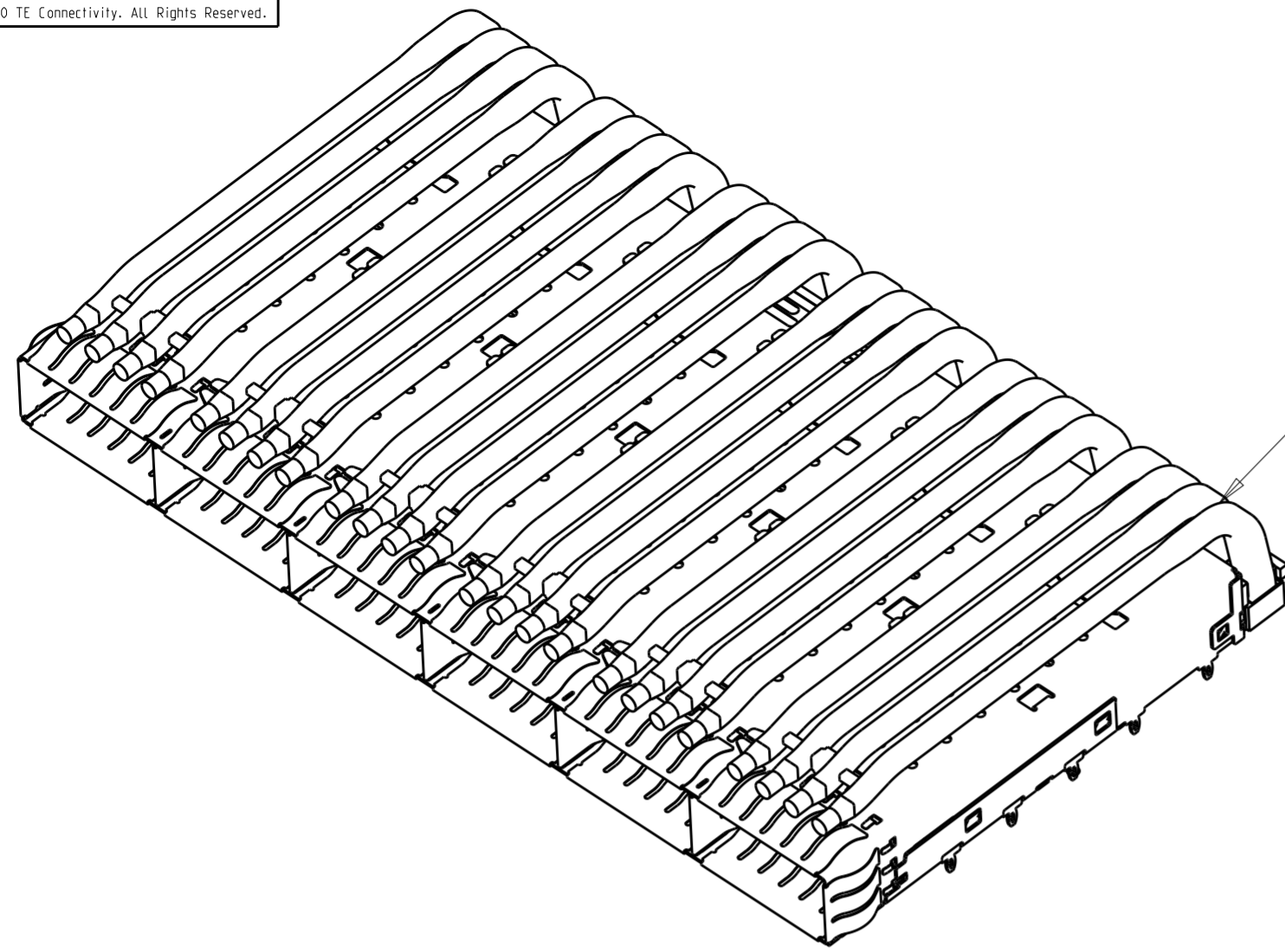


BELLY TO BELLY MOUNTING
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 14FEB2020	TE Connectivity	
		CHK SEAN HAN 08NOV2016		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	RESTRICTED TO
mm	0 PLC ±- 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC	RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+	
MATERIAL	FINISH	APPLICATION SPEC	SIZE	CAGE CODE
TBD	SEE NOTES	114-32023	A2	00779
material_2	finish_spec_2	WEIGHT	DRAWING NO	REV
		CUSTOMER DRAWING	C-2170734	B
SCALE 3:1			SHEET 2 OF 12	

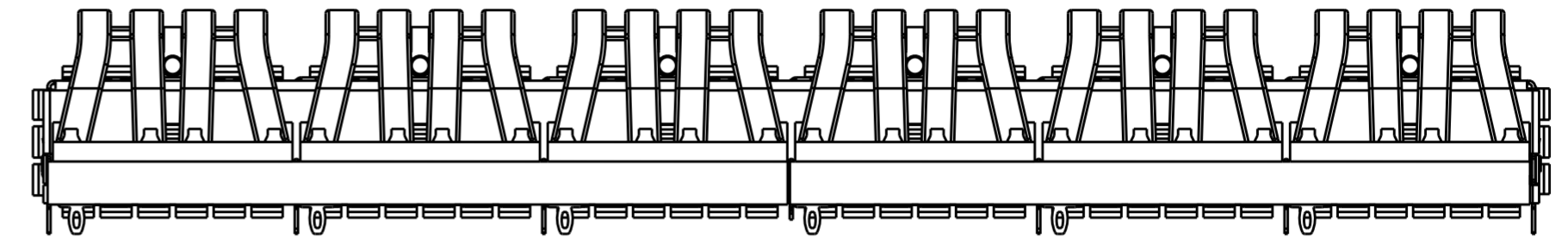
2170734-3

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-		SEE SHEET 1			

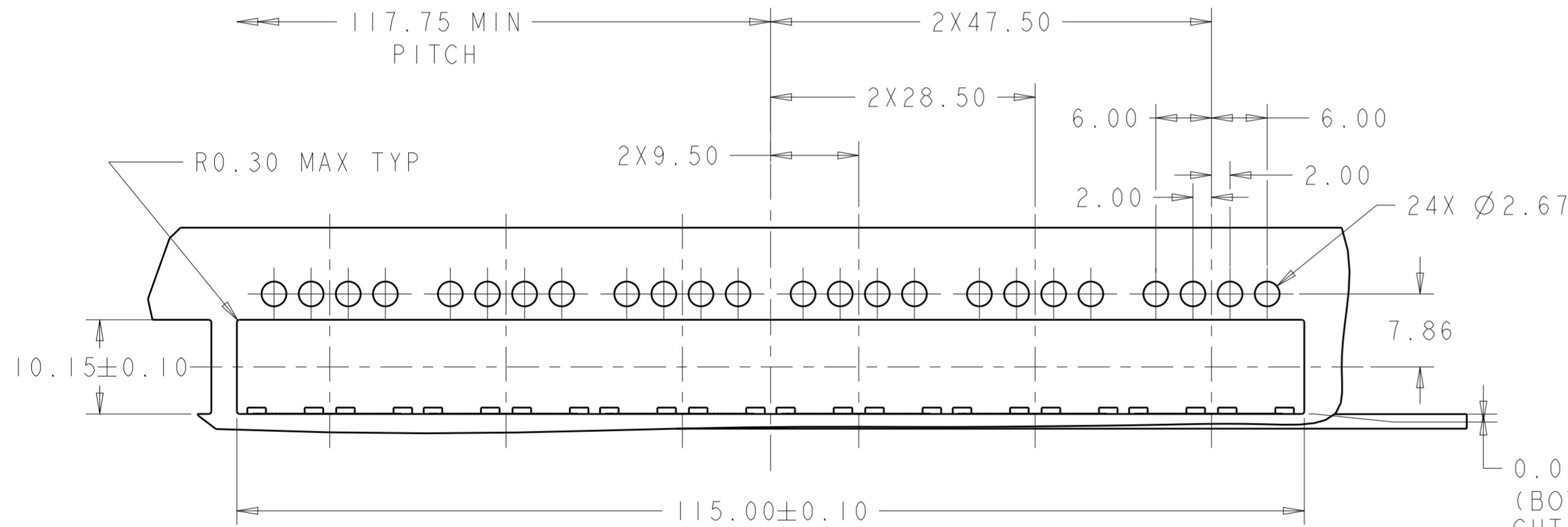


QUAD LP

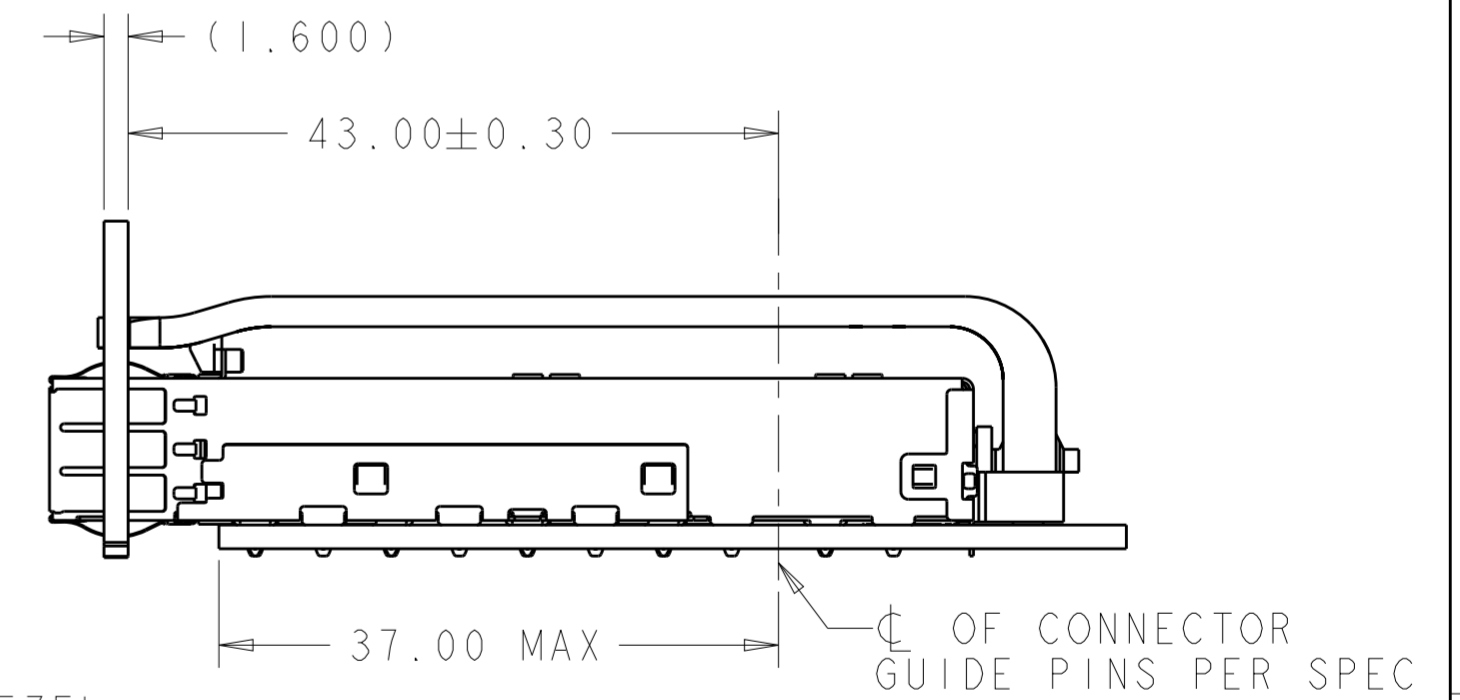
SCALE 3:2



SCALE 2:1
WITH REAR PINS



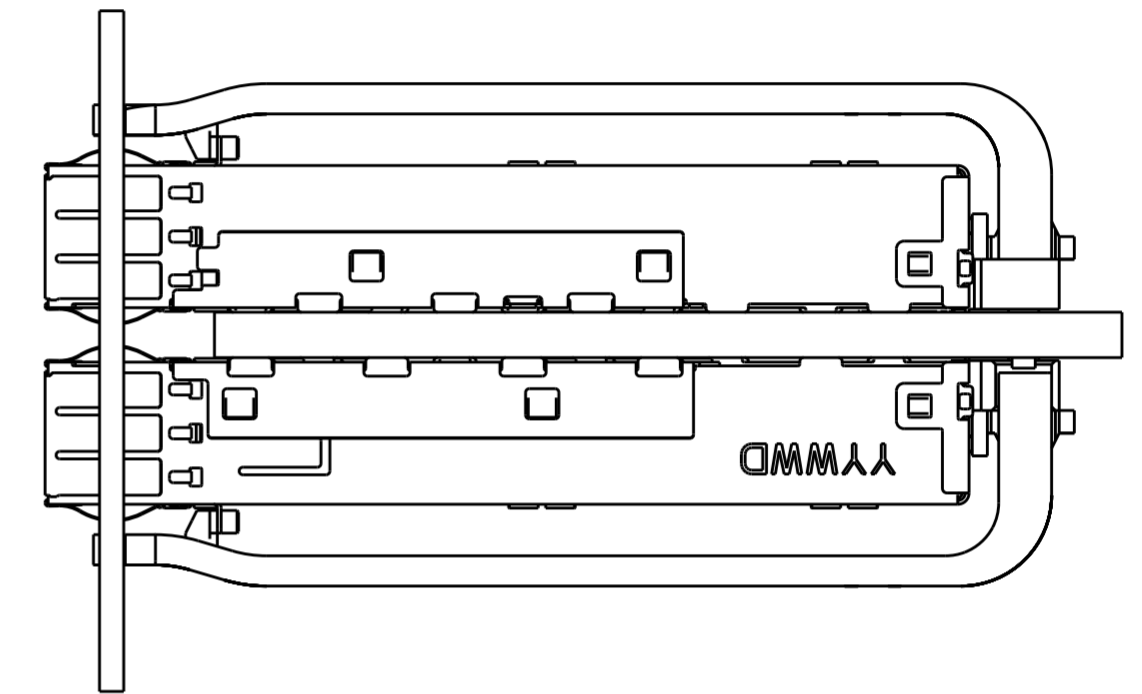
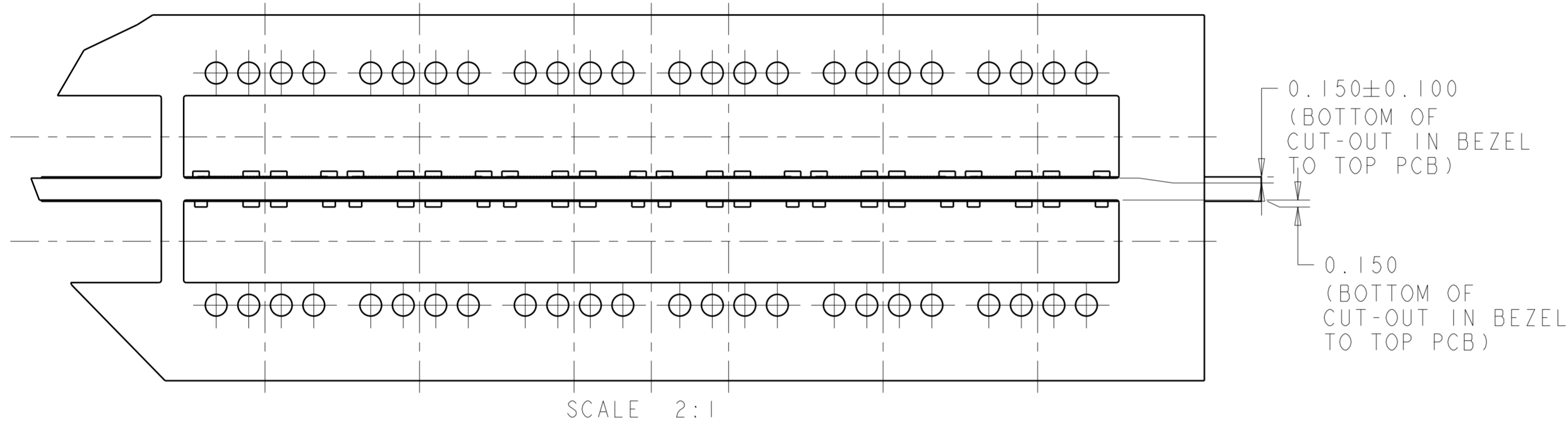
SCALE 2:1



SINGLE SIDE MOUNTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 14FEB2020	TE Connectivity	
		CHK SEAN HAN 08NOV2016		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	RESTRICTED TO
mm	0 PLC ±	PRODUCT SPEC	RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+	
	1 PLC ±0.5	108-19428	THRU BEZEL, EMI SPRING	
	2 PLC ±0.13	APPLICATION SPEC	SIZE	CAGE CODE
	3 PLC ±0.013	114-32023	A200779	DRAWING NO
	4 PLC ±0.0001	WEIGHT	C-2170734	
	ANGLES ±	CUSTOMER DRAWING	SCALE 3:1	SHEET 3 OF 12
MATERIAL	FINISH			REV B
TBD	SEE NOTES			
material_2	finish_spec_2			


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



BELLY TO BELLY MOUNTING

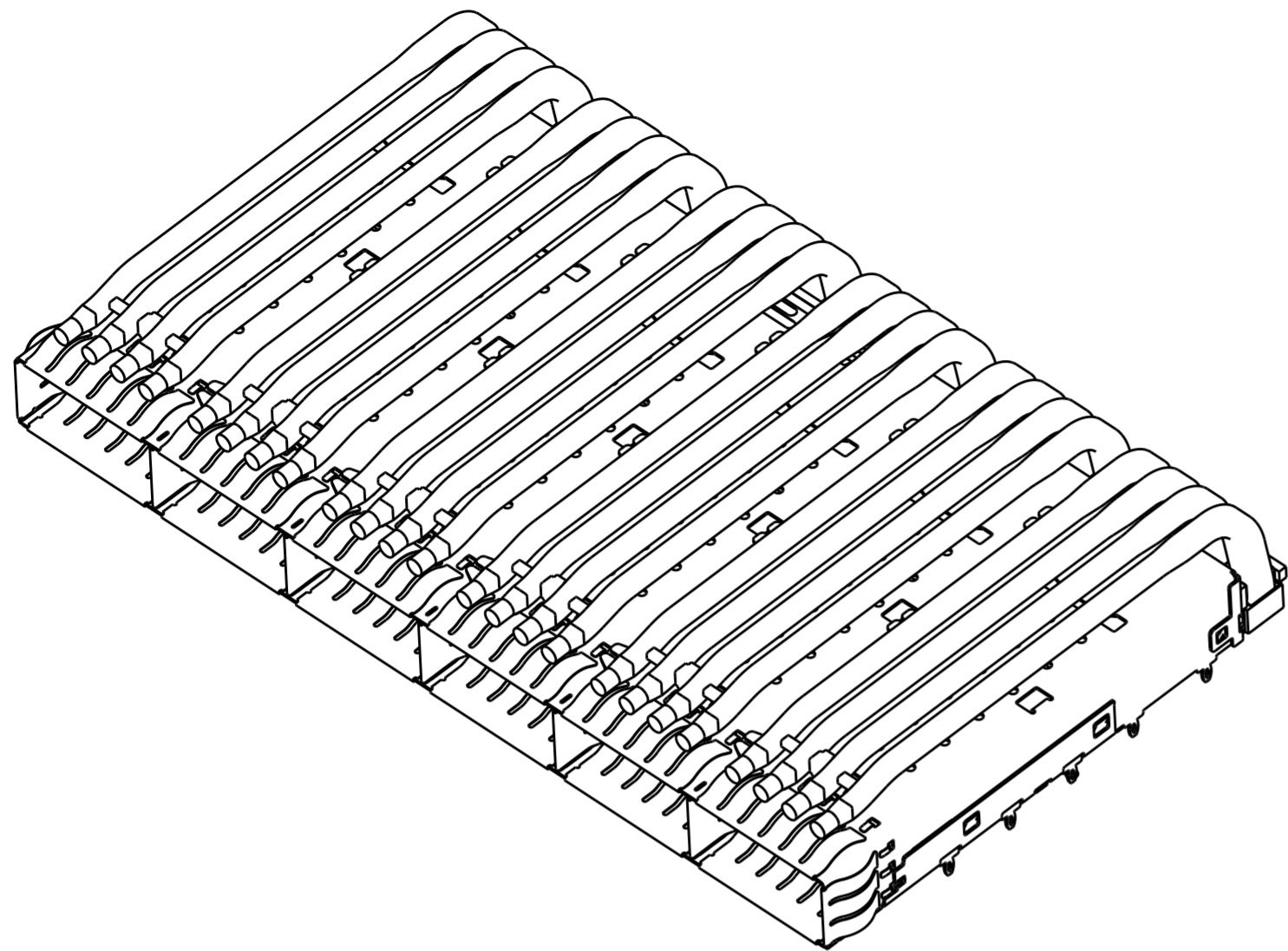
2170734-3 AND 2170734-4

NOTE: REFER SHEET 2 FOR ANY MISSING DIMENSIONS

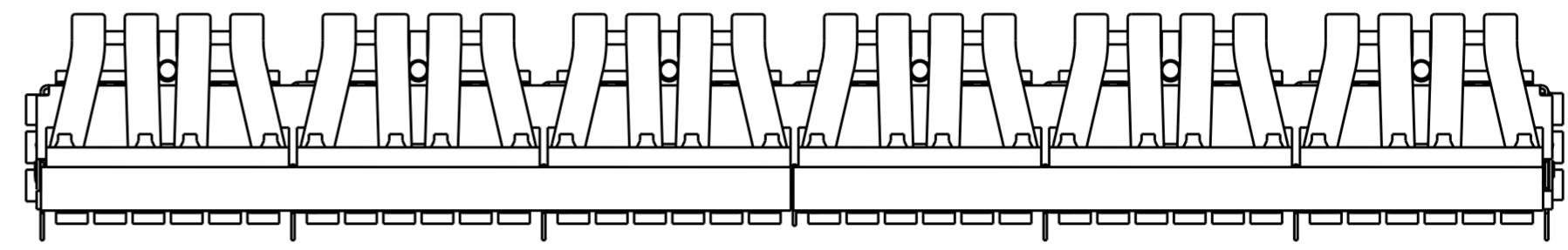
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14FEB2020 JASON YANG	 TE Connectivity	
		CHK 08NOV2016 SEAN HAN		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD -	NAME RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING	
mm	0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC 108-19428	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL TBD	FINISH SEE NOTES	APPLICATION SPEC 114-32023	A200779 C-2170734	
material_2	finish_spec_2	WEIGHT -	CUSTOMER DRAWING SCALE 3:1 SHEET 4 OF 12 REV B	

2170734-4

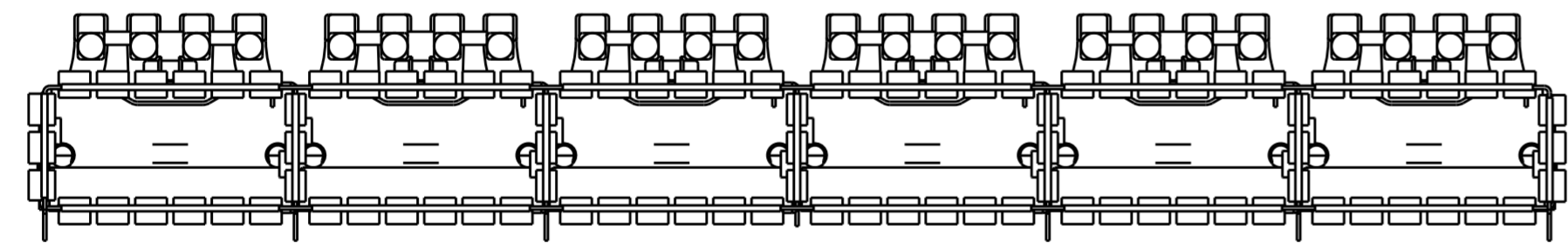
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-		SEE SHEET 1	-	-	-



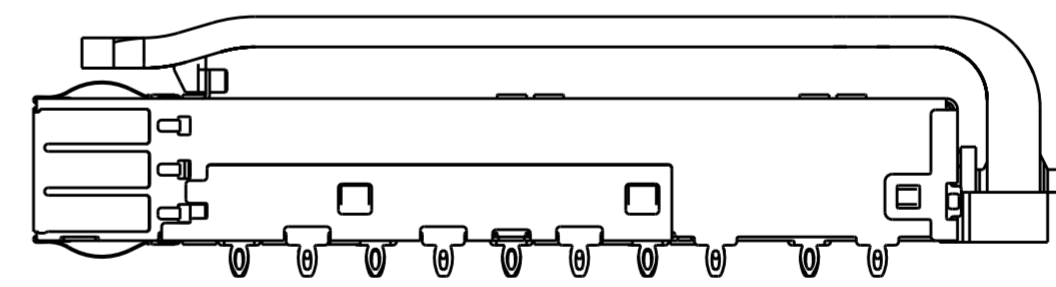
SCALE 3:2



SCALE 2:1
WITHOUT REAR PINS



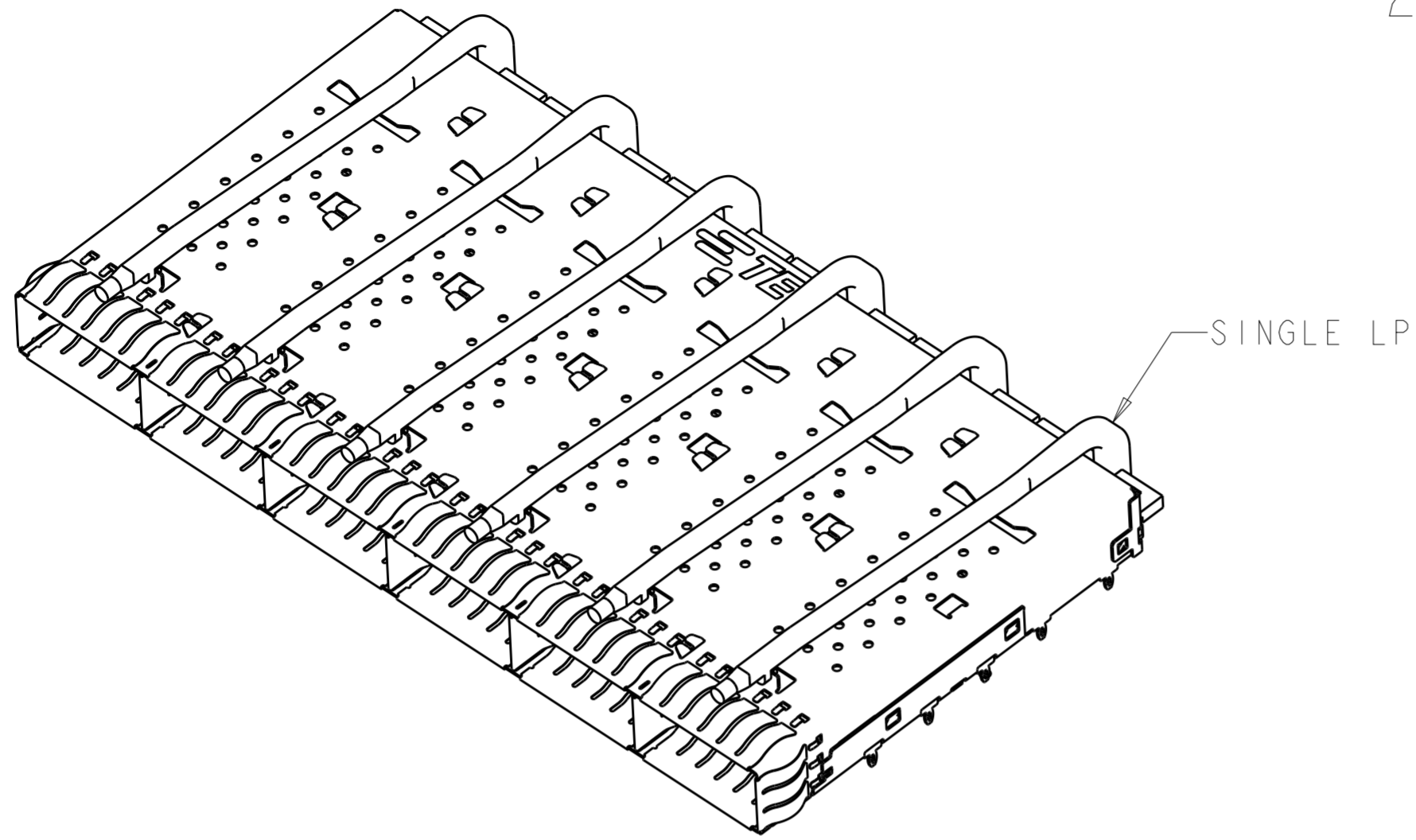
SCALE 2:1



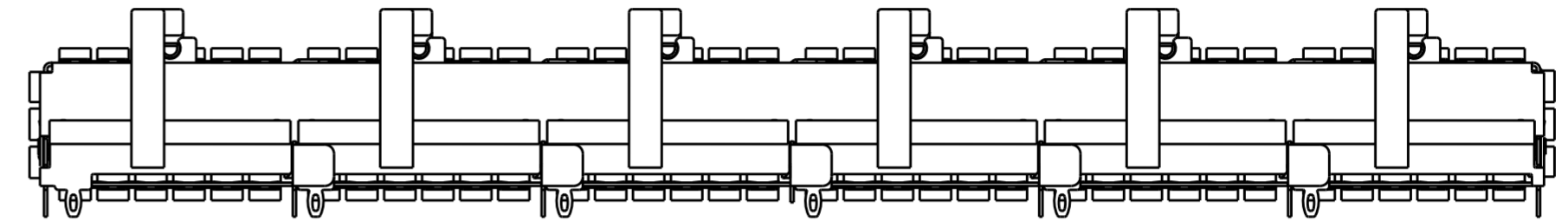
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14FEB2020 JASON YANG		
		CHK 08NOV2016 SEAN HAN		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME
		0 PLC ±- 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±-		RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING
MATERIAL TBD		FINISH SEE NOTES		SIZE
material_2		finish_spec_2		CAGE CODE A200779
		CUSTOMER DRAWING		DRAWING NO C-2170734
		SCALE 3:1		RESTRICTED TO
		SHEET 5 OF 12		REV B

2170734-5

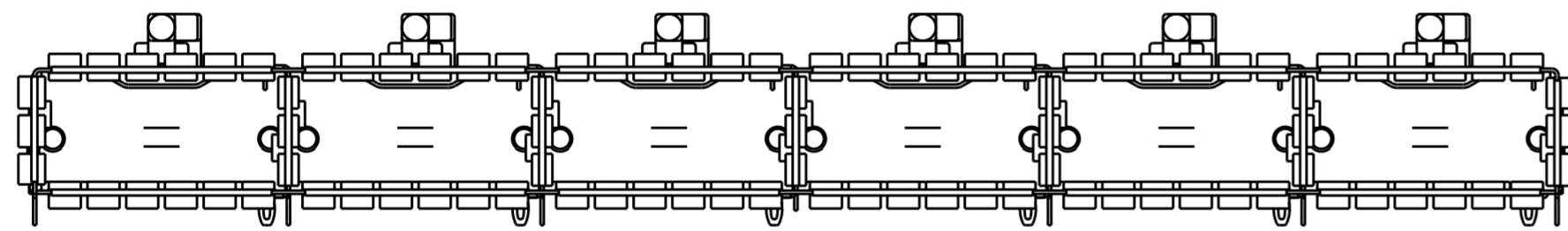
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-



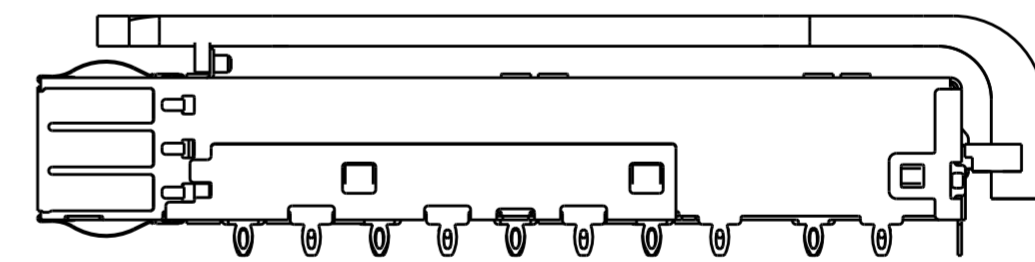
SCALE 3:2




SCALE 2:1
WITH REAR PINS

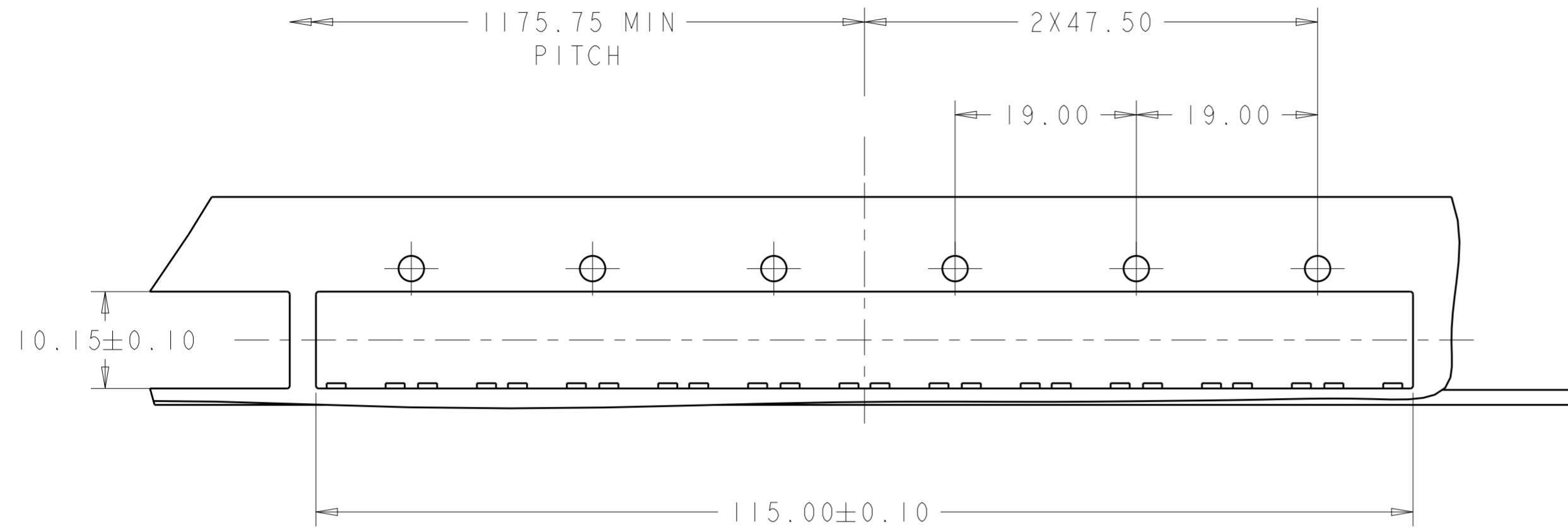


SCALE 2:1

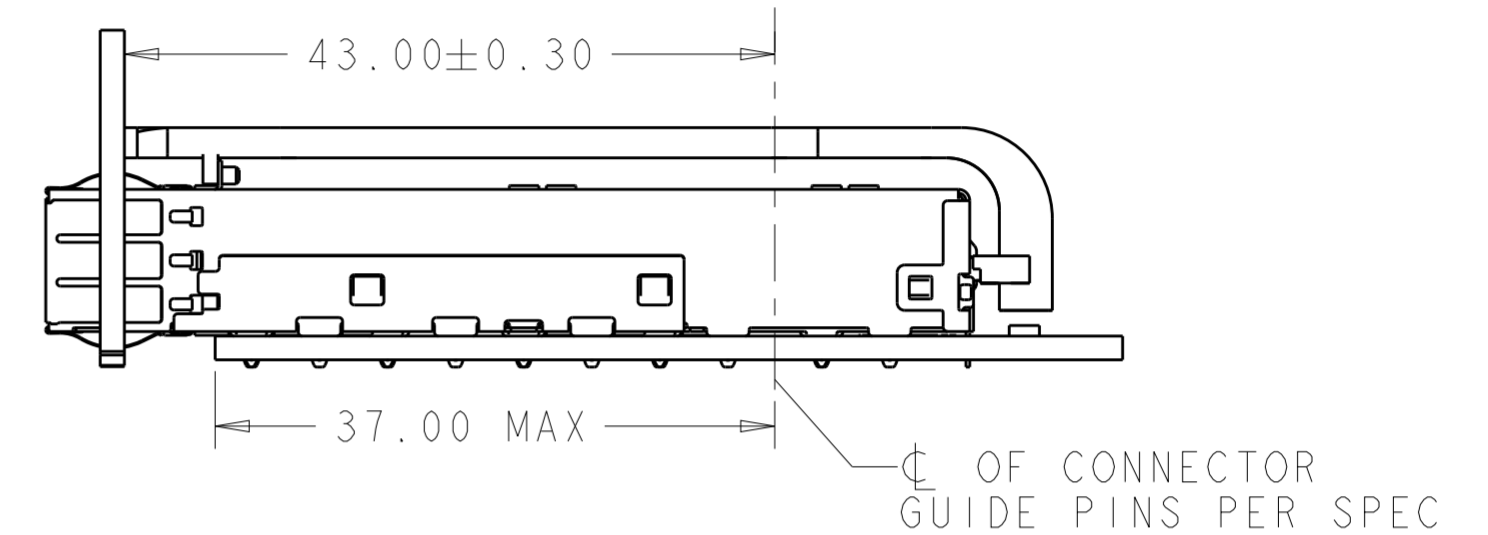


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14FEB2020 JASON YANG	 TE Connectivity	
		CHK 08NOV2016 SEAN HAN		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±		NAME RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING
MATERIAL TBD material_2		FINISH SEE NOTES finish_spec_2		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -
		SIZE A200779		CAGE CODE C-2170734
		DRAWING NO C-2170734		RESTRICTED TO B
		SCALE 3:1		SHEET 6 OF 12

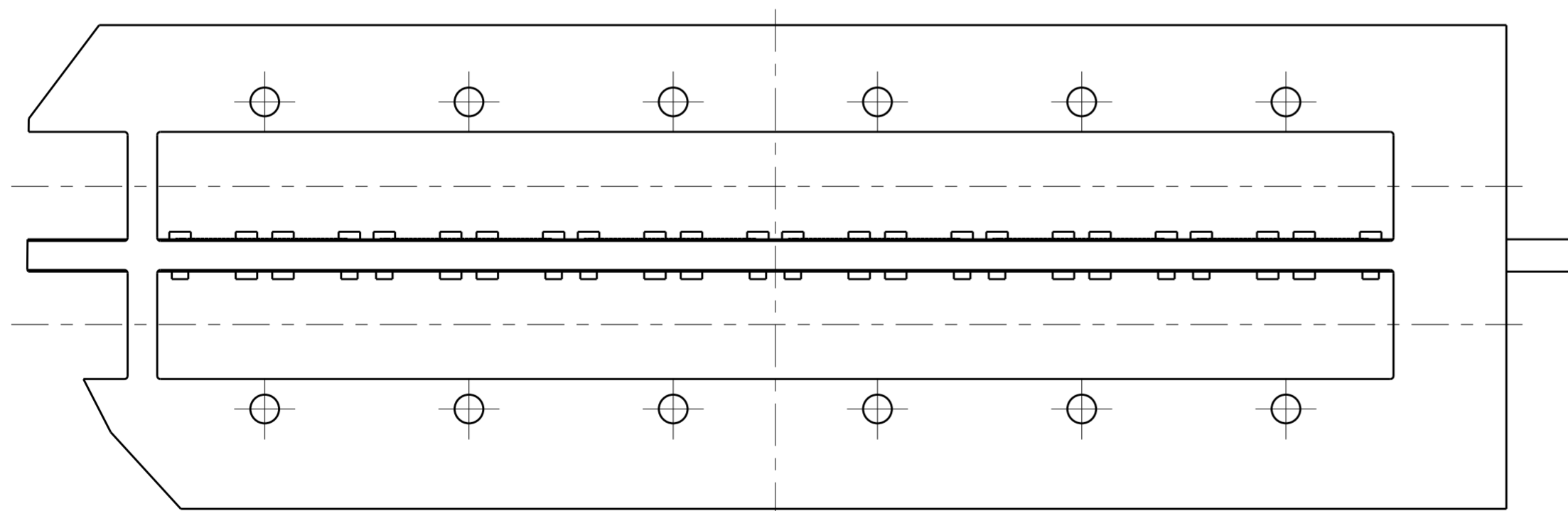
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-



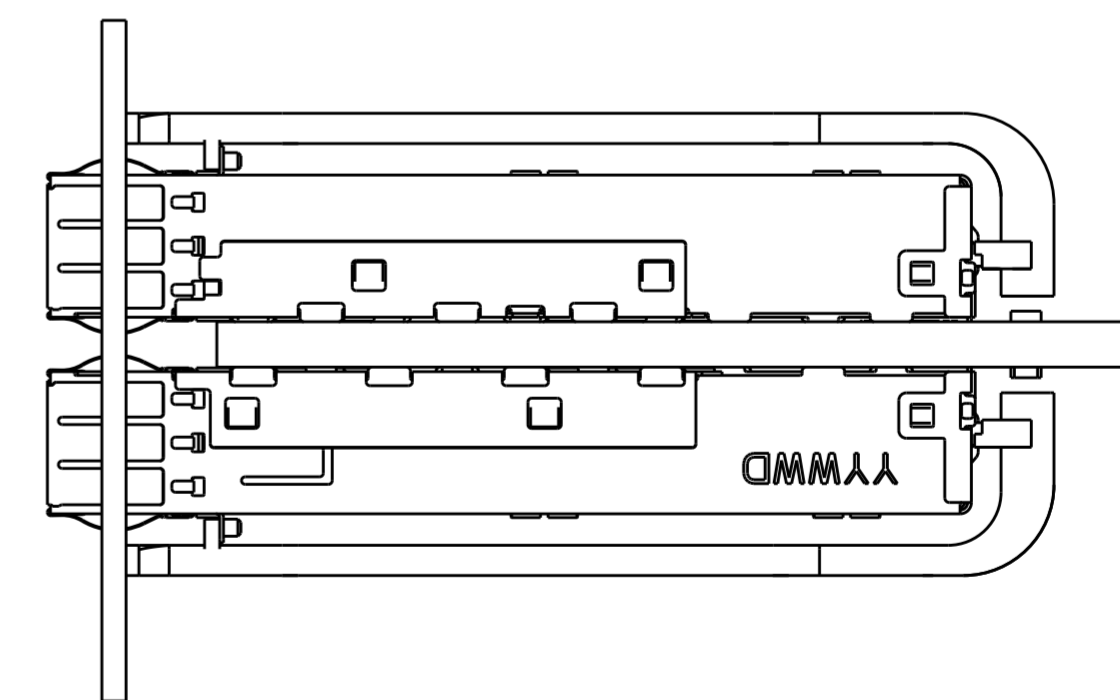
SCALE 2:1



SINGLE SIDE MOUNTING



SCALE 2:1



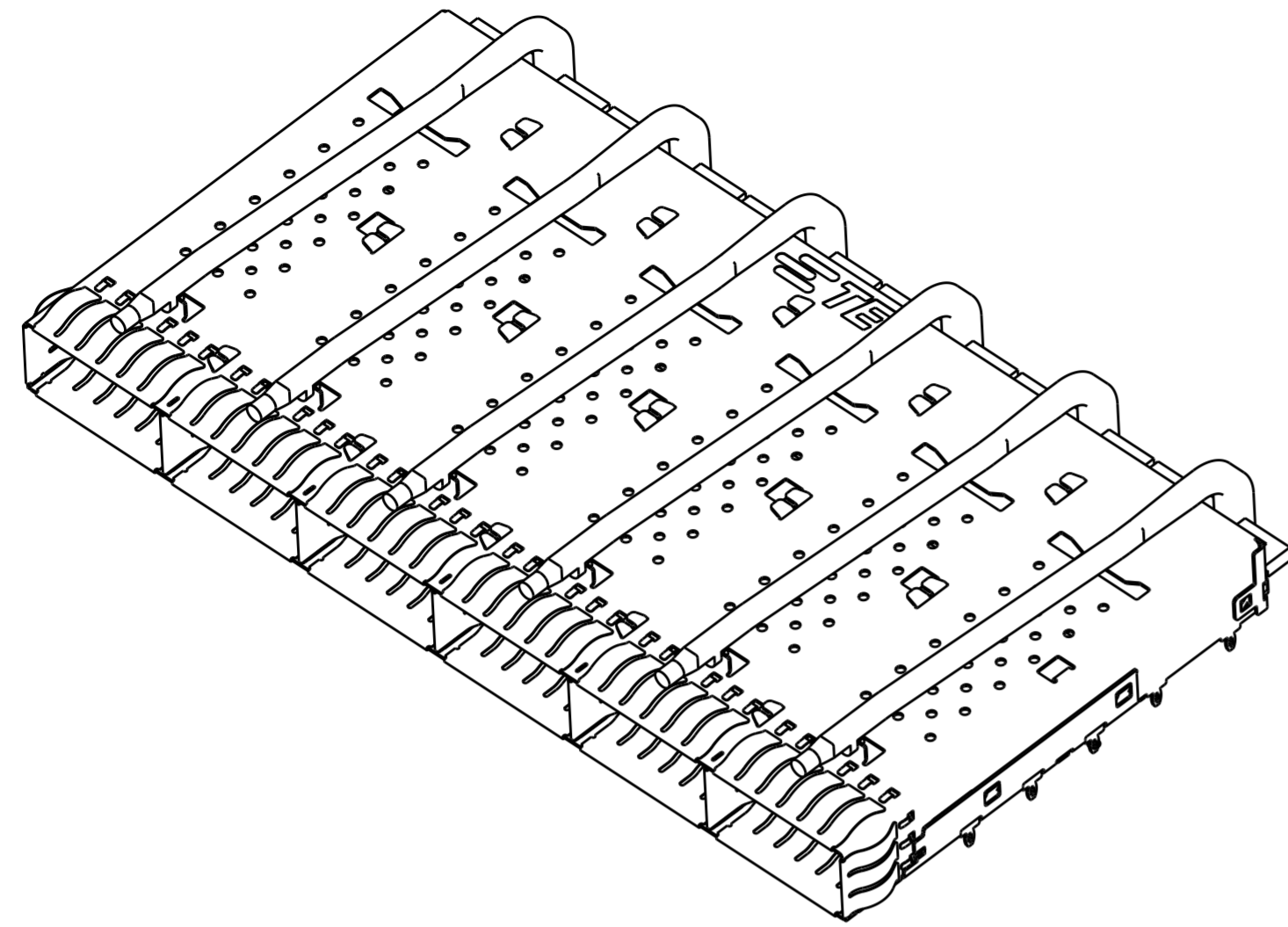
BELLY TO BELLY MOUNTING

NOTE: REFER SHEET 2 FOR ANY MISSING DIMENSIONS

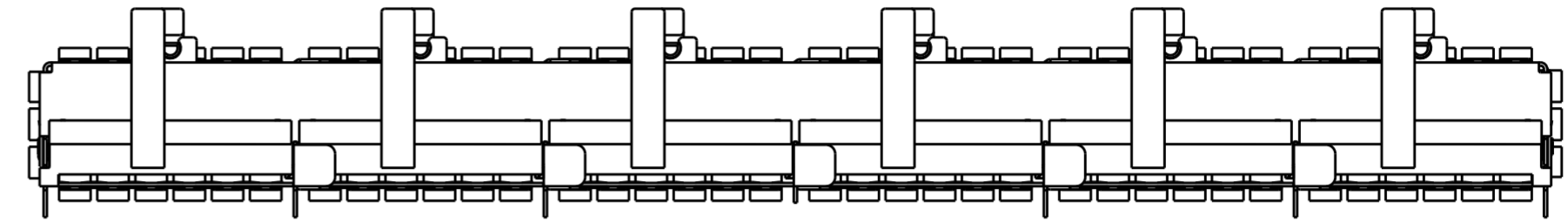
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 14FEB2020	TE Connectivity	
		CHK SEAN HAN 08NOV2016		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING
mm	0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC 108-19428	SIZE	
MATERIAL	FINISH	APPLICATION SPEC 114-32023	CAGE CODE	DRAWING NO
TBD	SEE NOTES	WEIGHT	A200779	C-2170734
material_2	finish_spec_2	CUSTOMER DRAWING	SCALE	SHEET
			3:1	7 OF 12
				REV B

2170734-6

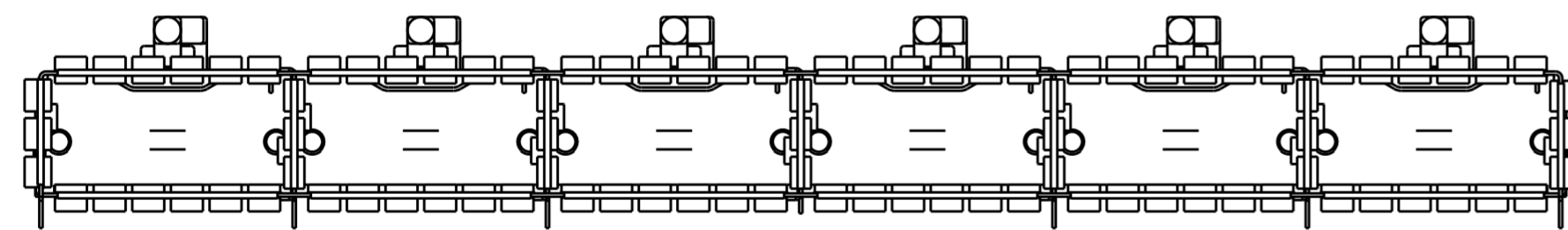
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-



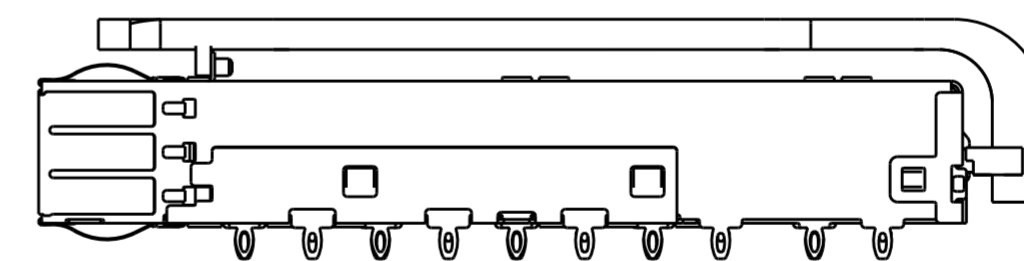
SCALE 3:2



SCALE 2:1
WITHOUT REAR PINS

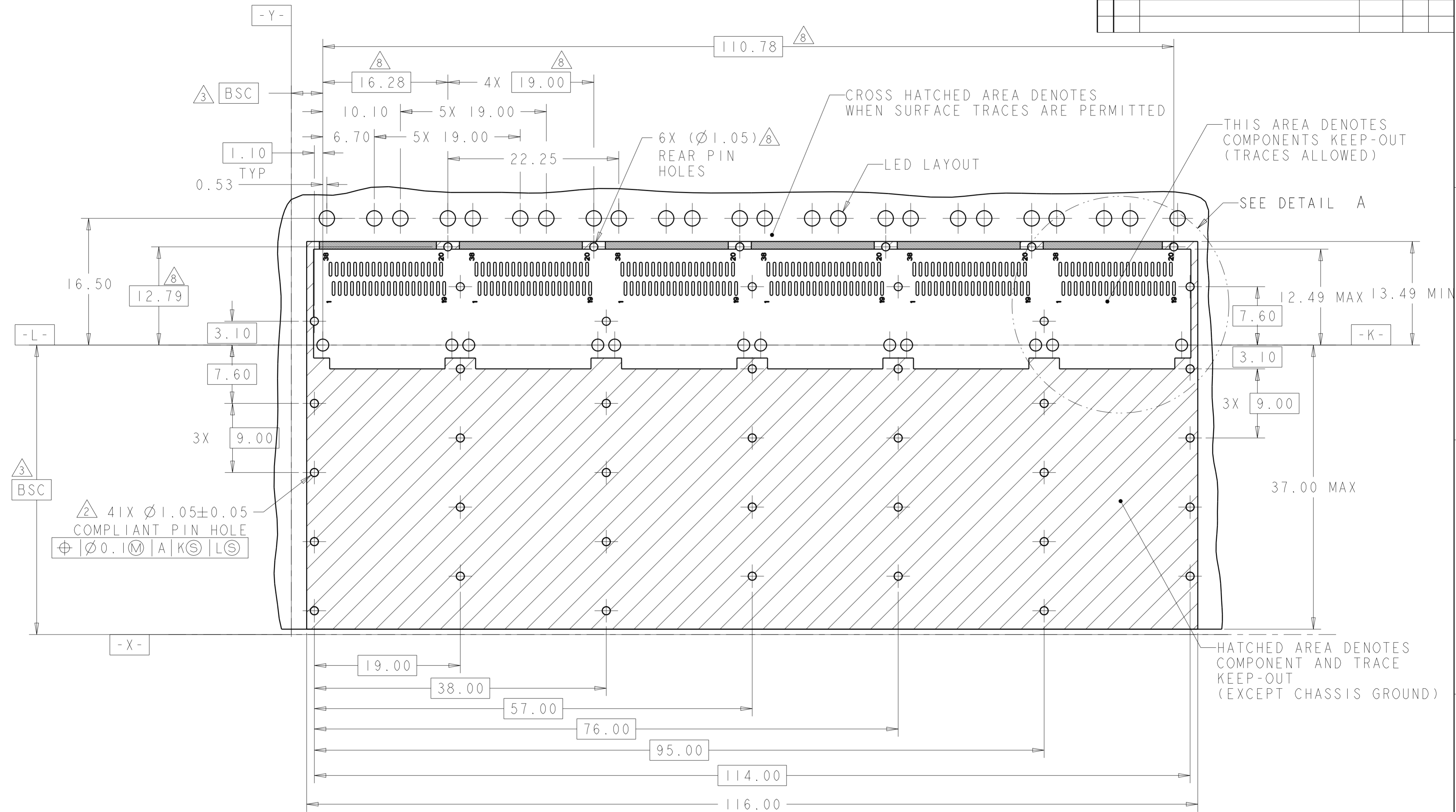


SCALE 2:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 14FEB2020			
		CHK SEAN HAN 08NOV2016			
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING	
mm	0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC 108-19428	SIZE		
MATERIAL	FINISH	APPLICATION SPEC 114-32023	CAGE CODE	DRAWING NO	RESTRICTED TO
TBD	SEE NOTES	WEIGHT	A200779	C-2170734	
material_2	finish_spec_2	CUSTOMER DRAWING	SCALE	SHEET	REV
			3:1	8 OF 12	B

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



RECOMMENDED PCB LAYOUT
 SINGLE TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

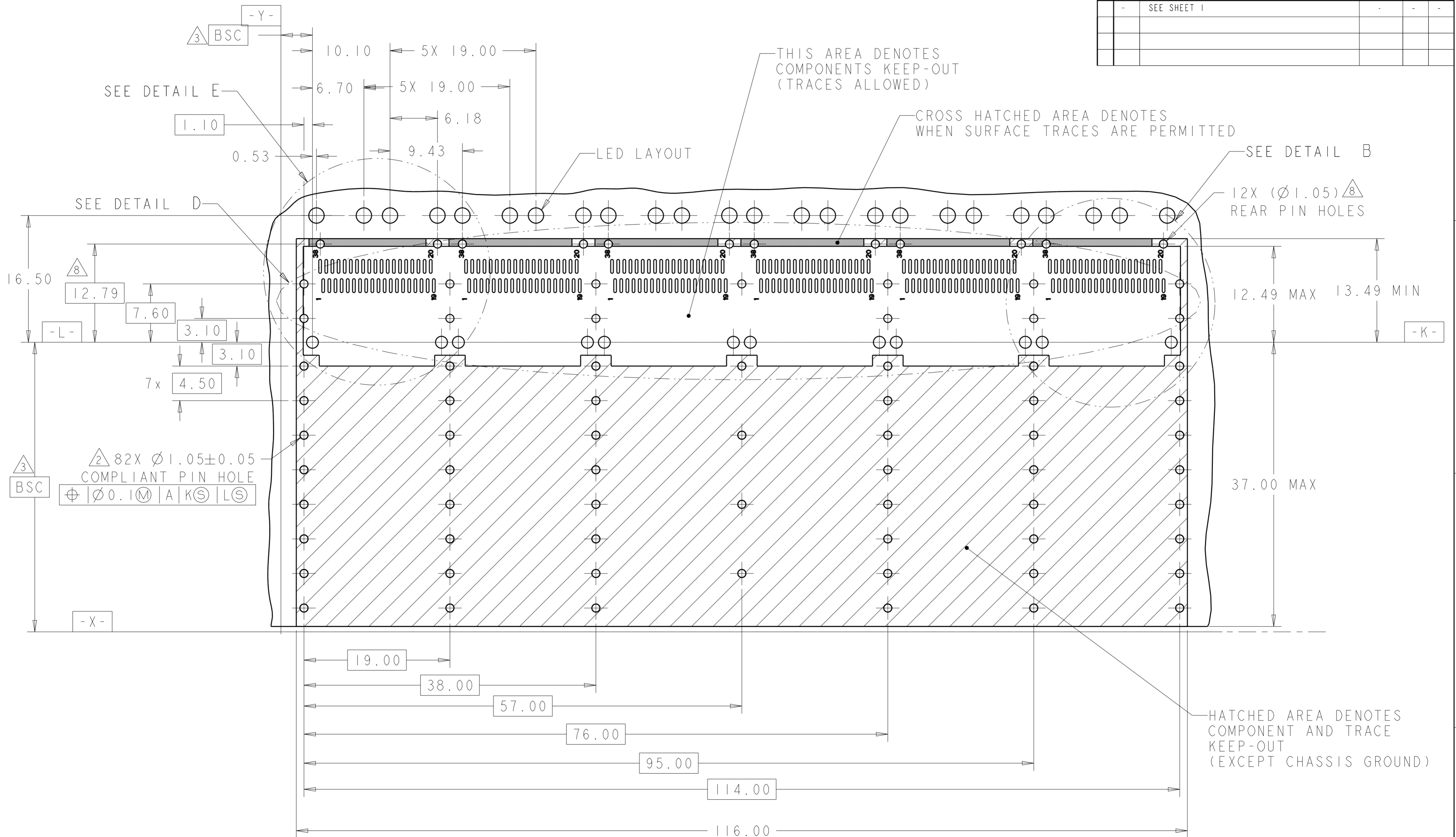
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC	±
		1 PLC	±0.5
		2 PLC	±0.13
		3 PLC	±0.013
		4 PLC	±0.0001
		ANGLES	±
MATERIAL	FINISH	SEE NOTES	
TBD		finish_spec_2	

DWN	JASON YANG	14FEB2020
CHK	SEAN HAN	08NOV2016
APVD	-	-
PRODUCT SPEC	108-19428	
APPLICATION SPEC	114-32023	
WEIGHT	-	
CUSTOMER DRAWING		

STE TE Connectivity		NAME	
RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING		RESTRICTED TO	
SIZE	A2	CAGE CODE	00779
DRAWING NO	C-2170734	SCALE	3:1
SHEET	9	OF	12
REV	B		

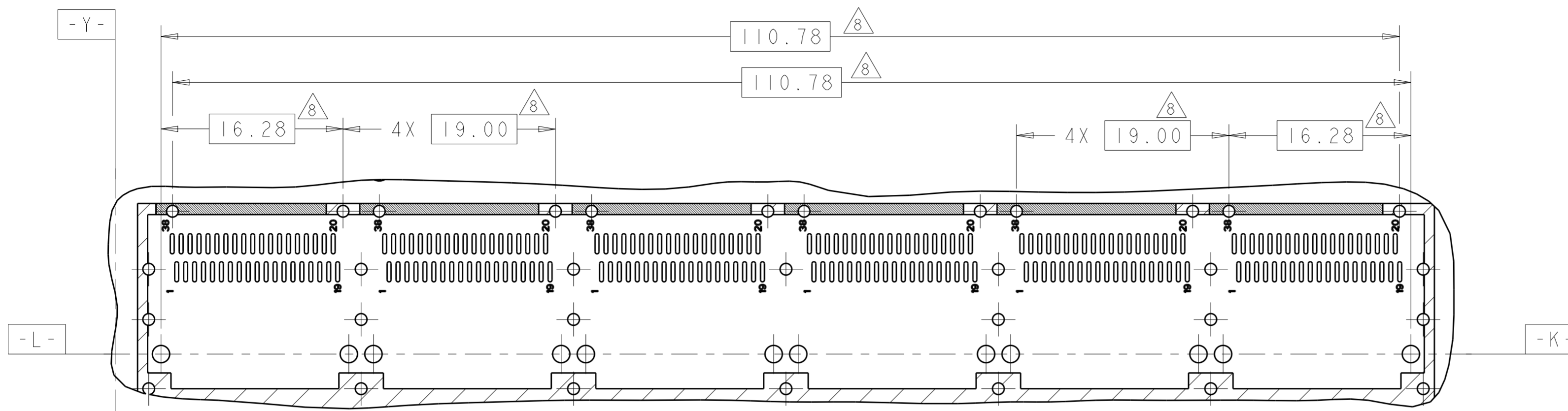
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



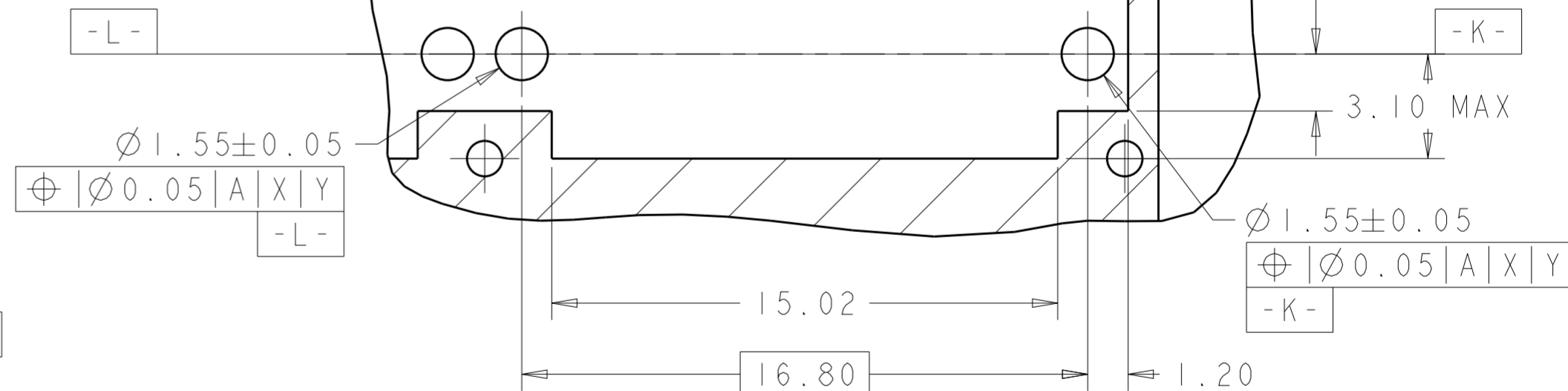
RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 14FEB2020	TE Connectivity	
		CHK SEAN HAN 08NOV2016		
DIMENSIONS: mm		APVD -	NAME RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±		PRODUCT SPEC 108-19428	SIZE A2	
MATERIAL TBD		APPLICATION SPEC 114-32023	CAGE CODE 00779	DRAWING NO C-2170734
FINISH SEE NOTES		WEIGHT -	RESTRICTED TO -	
material_2		finish_spec_2	SCALE 3:1 SHEET 10 OF 12 REV B	

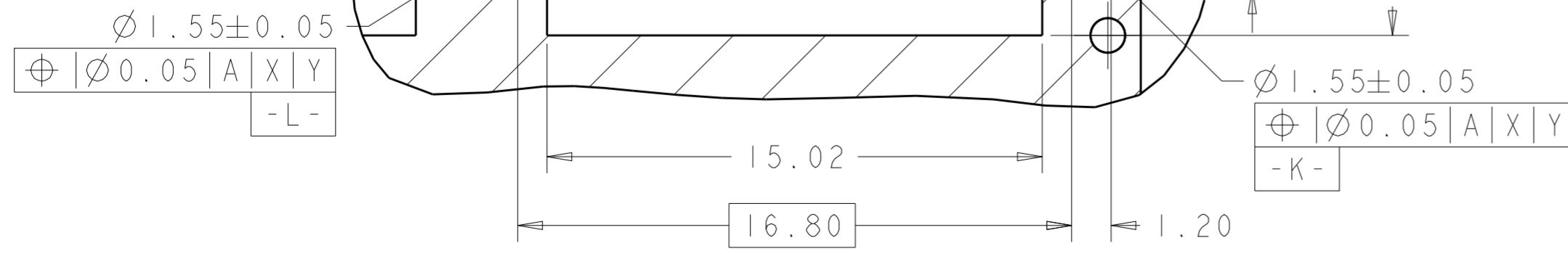
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-		SEE SHEET 1	-	-	-



DETAIL D
SCALE 3:1



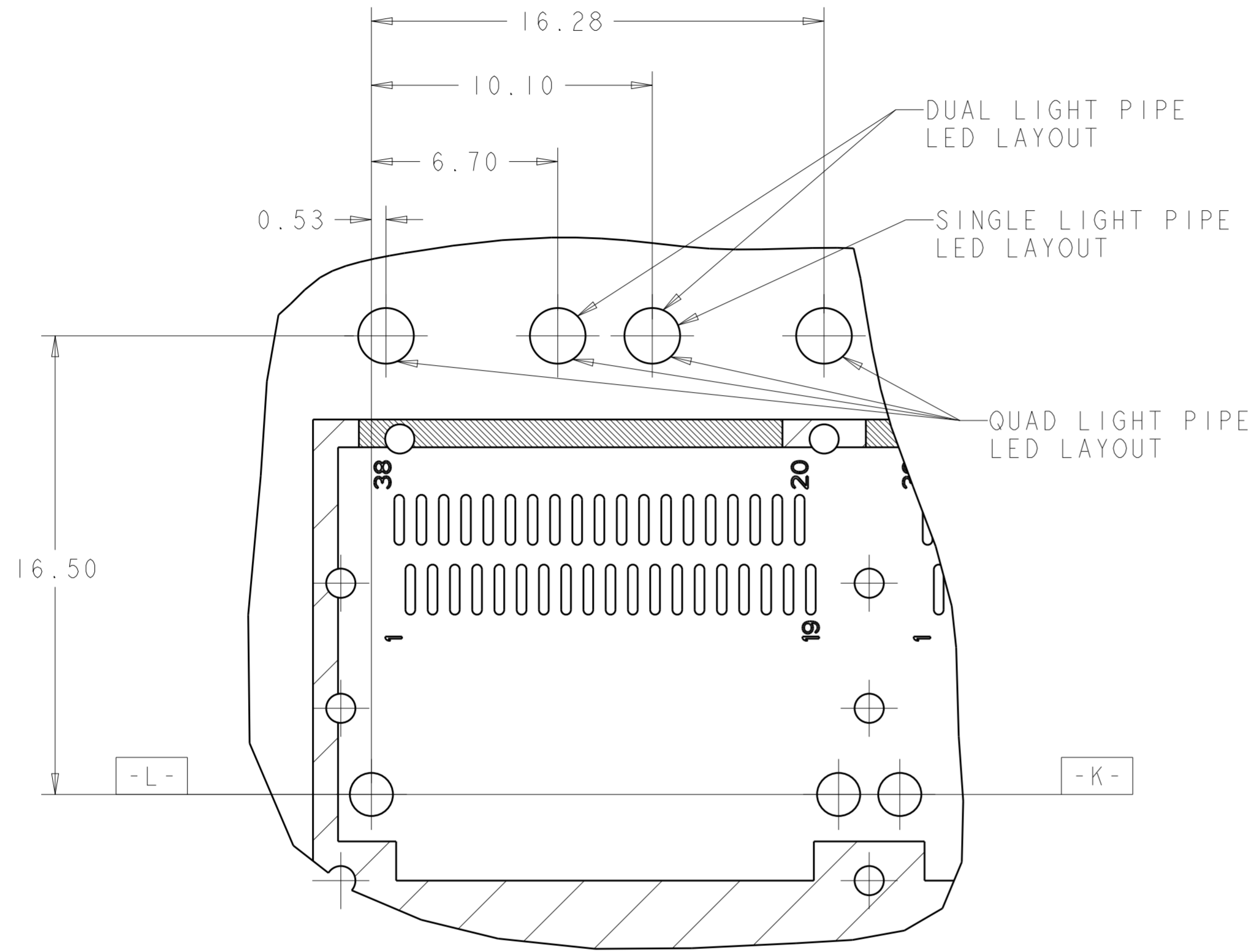
DETAIL B
SCALE 6:1



DETAIL A
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 14FEB2020	TE Connectivity													
		CHK SEAN HAN 08NOV2016														
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±0.5</td></tr> <tr><td>2 PLC</td><td>±0.13</td></tr> <tr><td>3 PLC</td><td>±0.013</td></tr> <tr><td>4 PLC</td><td>±0.0001</td></tr> <tr><td>ANGLES</td><td>±</td></tr> </table>		0 PLC	±	1 PLC	±0.5	2 PLC	±0.13	3 PLC	±0.013	4 PLC	±0.0001	ANGLES	±	PRODUCT SPEC 108-19428	SIZE 114-32023	RESTRICTED TO
0 PLC	±															
1 PLC	±0.5															
2 PLC	±0.13															
3 PLC	±0.013															
4 PLC	±0.0001															
ANGLES	±															
MATERIAL TBD material_2		FINISH SEE NOTES finish_spec_2	WEIGHT -	SCALE 3:1												
		CUSTOMER DRAWING		SHEET 11 OF 12												

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



DETAIL E
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14FEB2020 JASON YANG	STE TE Connectivity	
		CHK 08NOV2016 SEAN HAN		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD -	NAME RECEPTACLE ASSEMBLY, THRU BEZEL, 1X4, zQSFP+ THRU BEZEL, EMI SPRING	
mm	0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±	PRODUCT SPEC 108-19428	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL TBD	FINISH SEE NOTES	APPLICATION SPEC 114-32023	A200779 C-2170734	
material_2	finish_spec_2	WEIGHT -	CUSTOMER DRAWING SCALE 3:1 SHEET 12 OF 12 REV B	