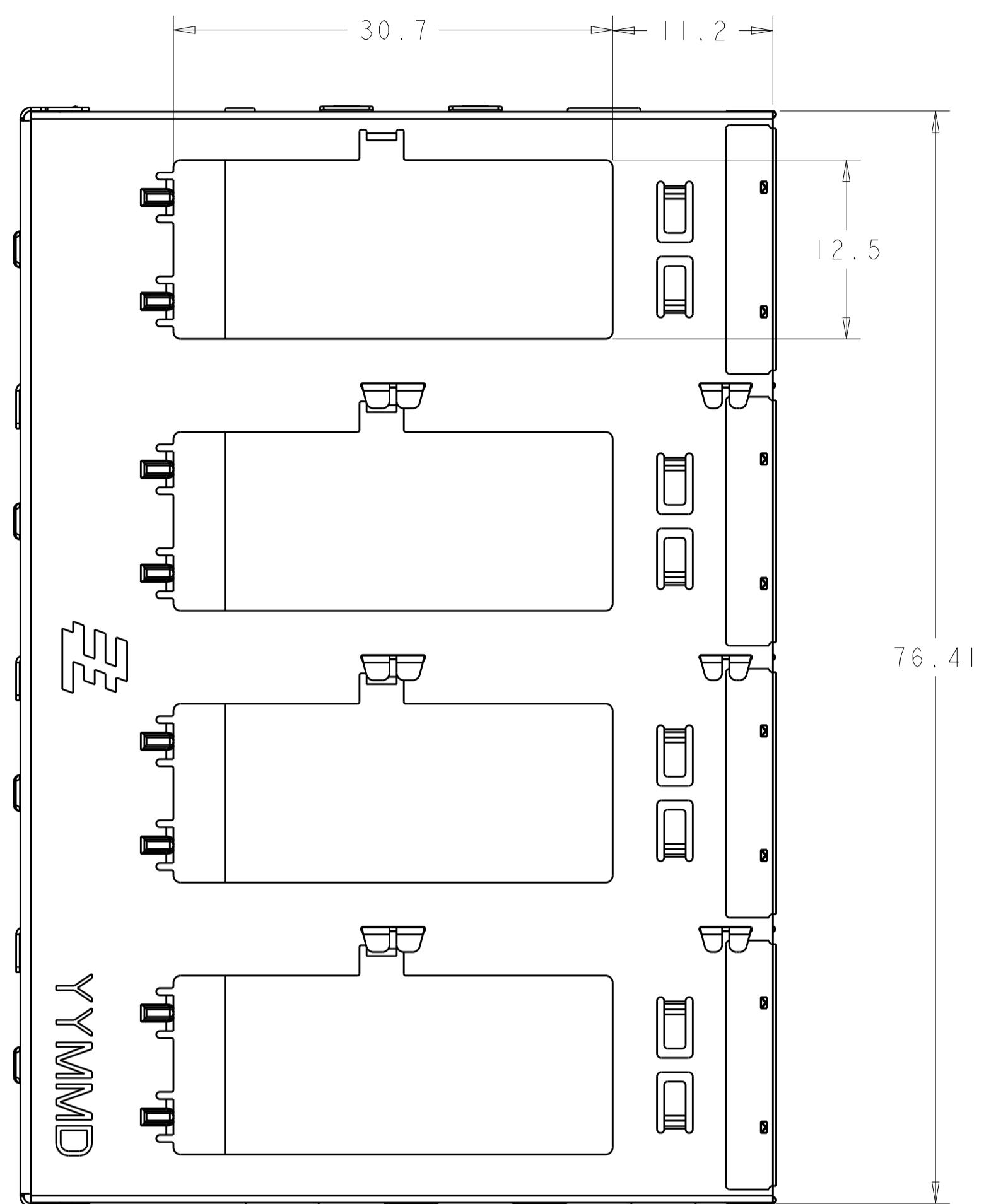
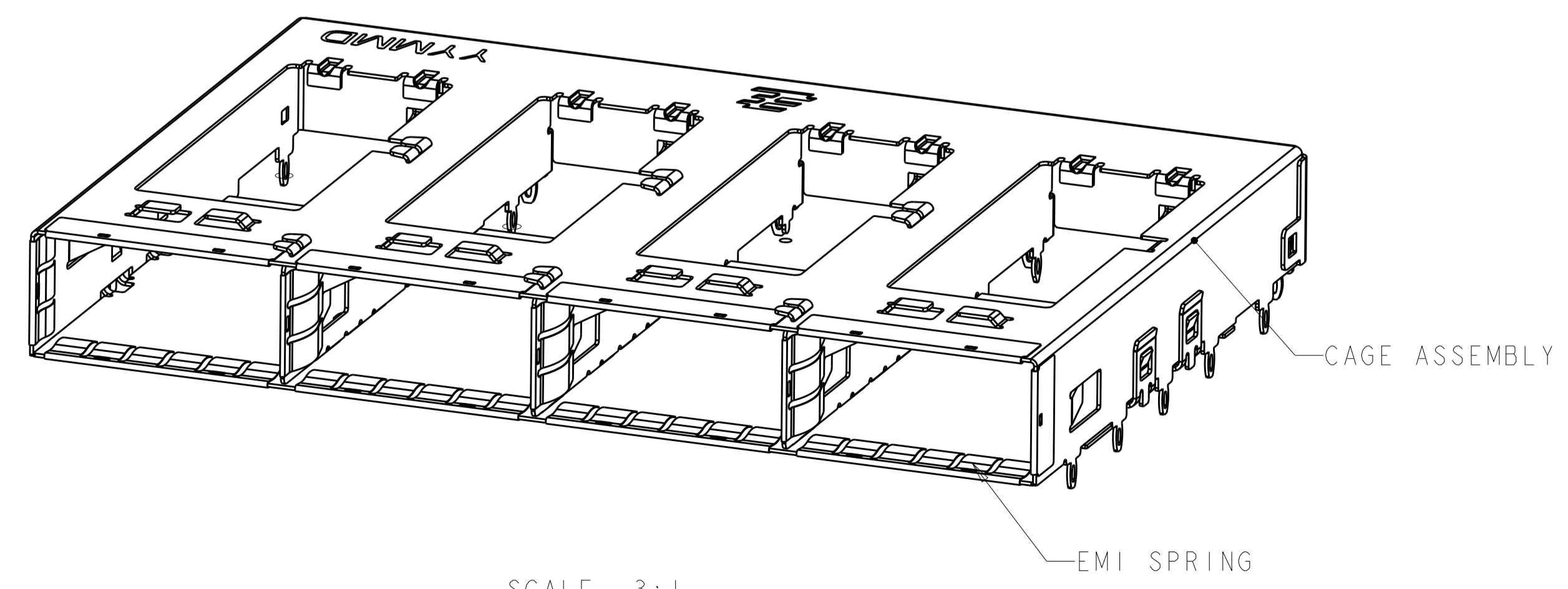
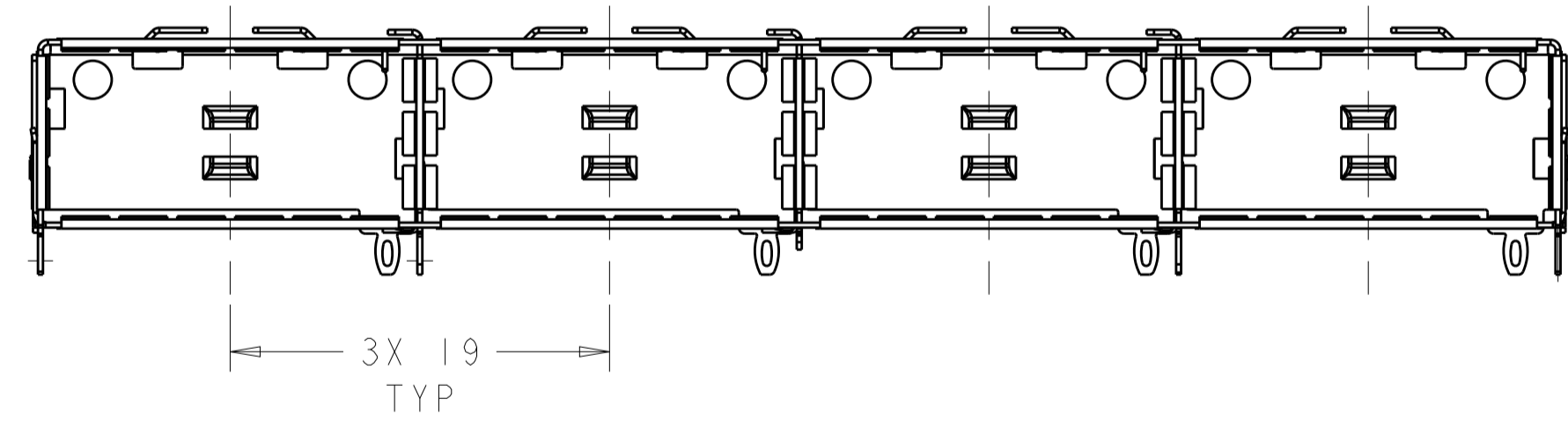
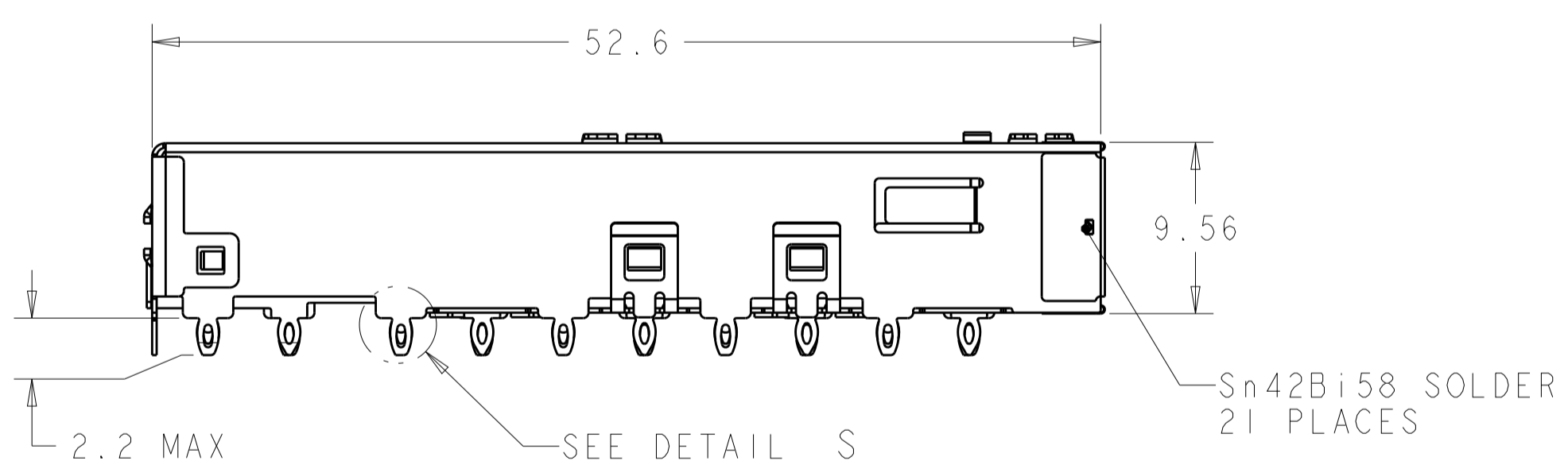


LOC		DIST		REVISIONS			
		P	LTM	DESCRIPTION	DATE	DWN	APVD
GP	00	A		INITIAL RELEASE	31JAN2013	JY	AC

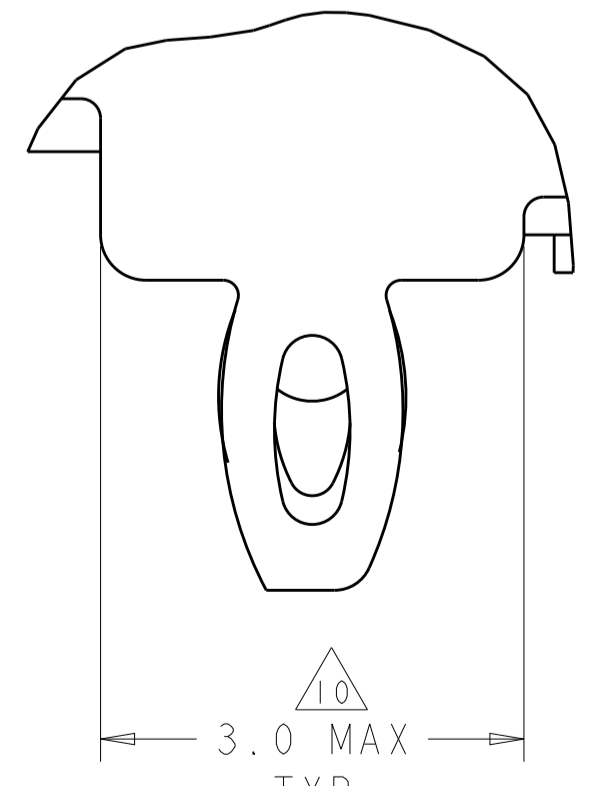


SCALE 3:1



SCALE 3:1

- △ CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
EMI SPRING MATERIAL: COPPER ALLOY
- △ PITCH BETWEEN PORTS OF ONE 1X4 CAGE ASSEMBLY.
- △ SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- △ REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD,
SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45mm
DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 2.2mm PER QSFP.
- △ DATUM -A- IS TOP SURFACE OF PC BOARD.
- △ UNPLATED THRU HOLE.
- 9. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- △ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- △ BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- △ DATE CODE (YYWWDD) MARKED ON TOP OF CAGE.
- △ EMI SPRING FINISH: 2µm MINIMUM TIN

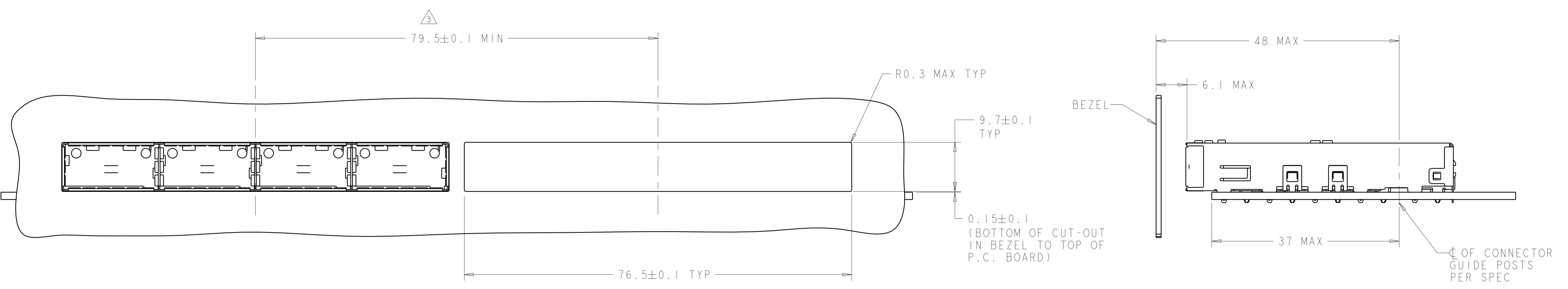


DETAIL S
SCALE 20:1

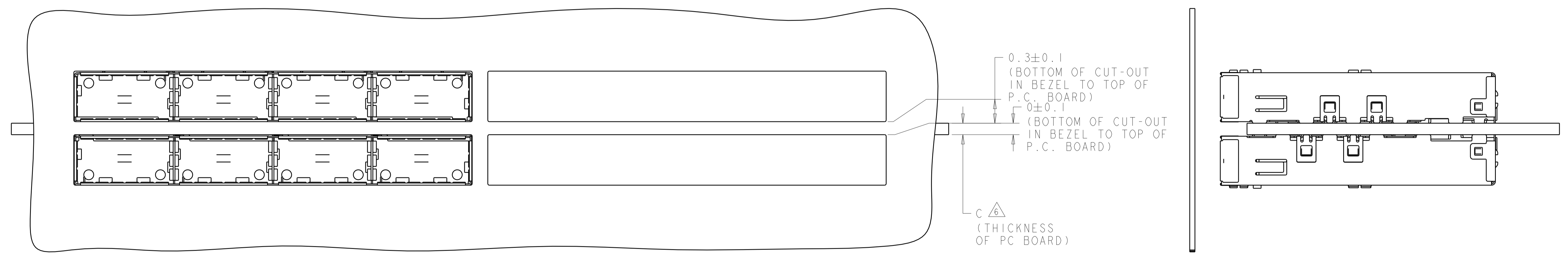
2170402-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 22AUG2012	TE Connectivity	
		CHK: ALEX CAI 22AUG2012	1X4 QSFP, CAGE ASSEMBLY, W/O FLANGE	
		APVD: ALEX CAI 22AUG2012		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	
mm	0 PLC ±	±	108-2286	
	1 PLC ±0.25	±0.25	APPLICATION SPEC	
	2 PLC ±0.15	±0.15	114-13218	
	3 PLC ±	±	WEIGHT	
	4 PLC ±	±	Customer Drawing	
	ANGLES ±	±	SCALE 1:1	
			SHEET 1 OF 4	
			REV A	


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



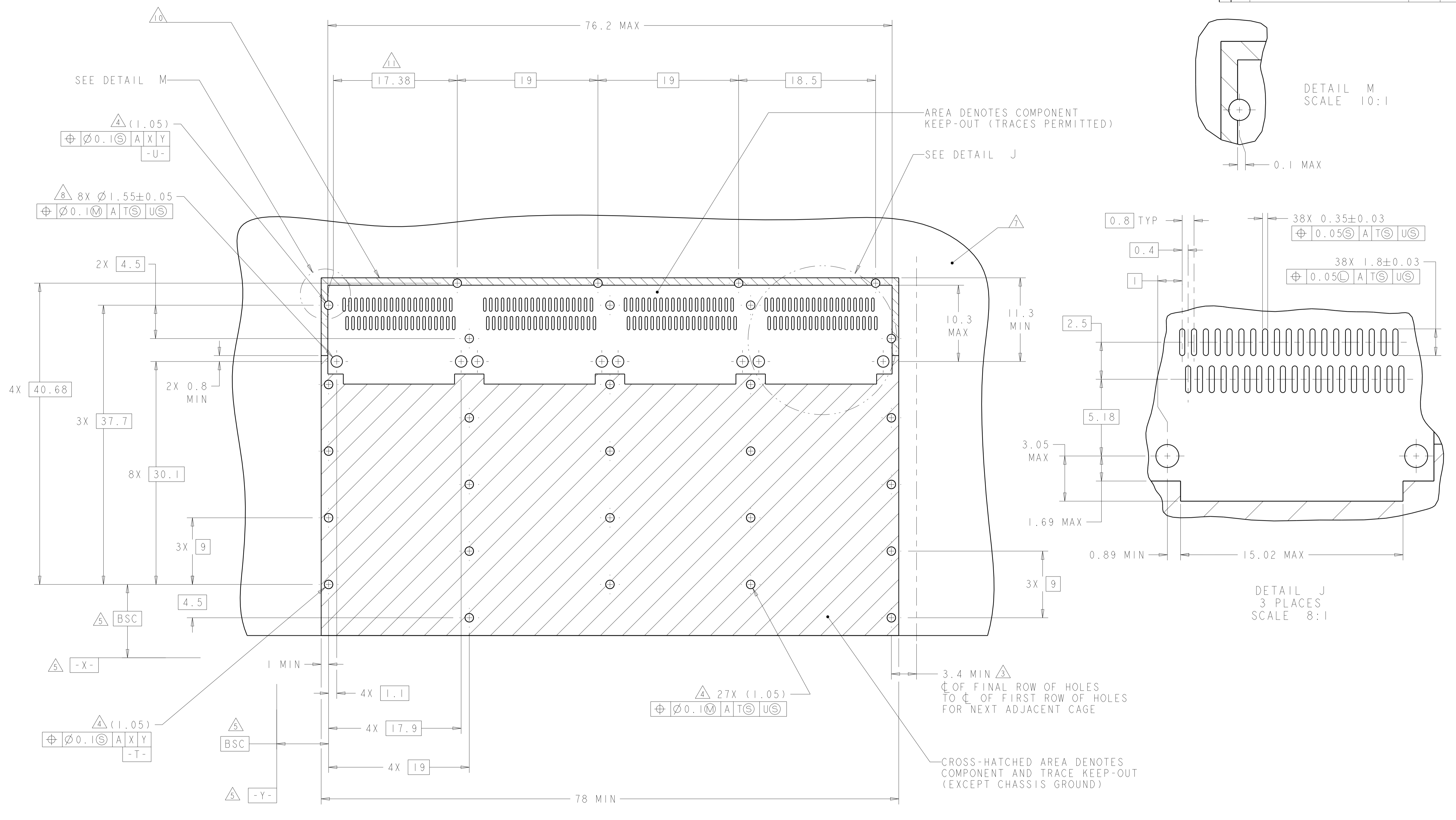
ONE SIDED CONFIGURATION
 SCALE 5:2



BELLY TO BELLY CONFIGURATION SIMILAR
 TO ONE SIDED EXCEPT WHERE NOTED
 SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 22AUG2012	 TE Connectivity
DIMENSIONS: mm		CHK ALEX CAI 22AUG2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.25 3 PLC ±0.15 4 PLC ±0.25 ANGLES ±0.1		APVD ALEX CAI 22AUG2012	
MATERIAL	FINISH	PRODUCT SPEC 108-2286	NAME 1X4 QSFP, CAGE ASSEMBLY, W/O FLANGE
		APPLICATION SPEC 114-13218	SIZE CAGE CODE DRAWING NO
		WEIGHT	RESTRICTED TO
Customer Drawing		A100779C-2170402	SCALE 1:1 SHEET 2 OF 4 REV A

LOC		DIST		REVISIONS					
GP	00	P	LTH	DESCRIPTION	DATE	OWN	APVD		
				SEE SHEET 1					

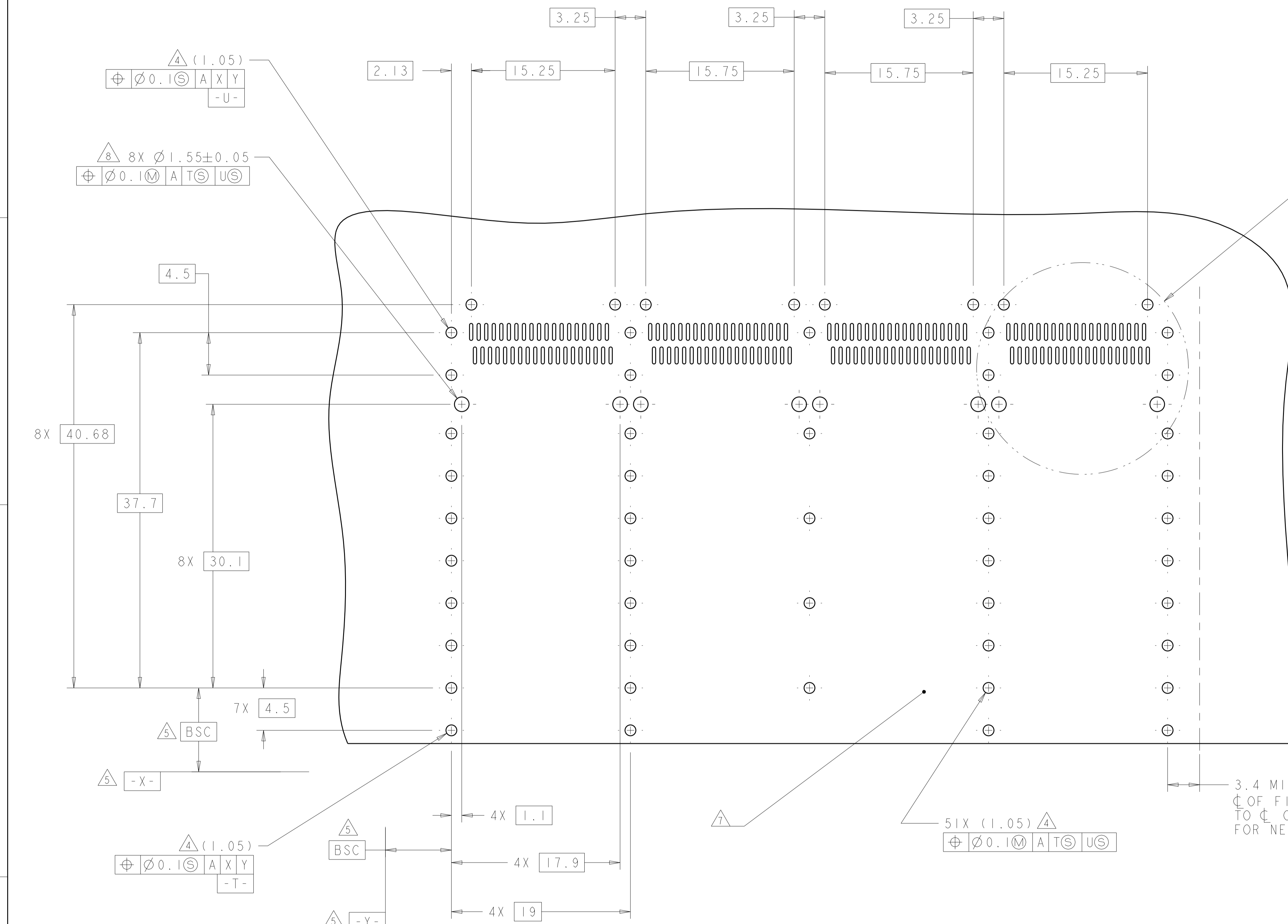


RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
TOLERANCE: ± 0.05
SCALE 4:1

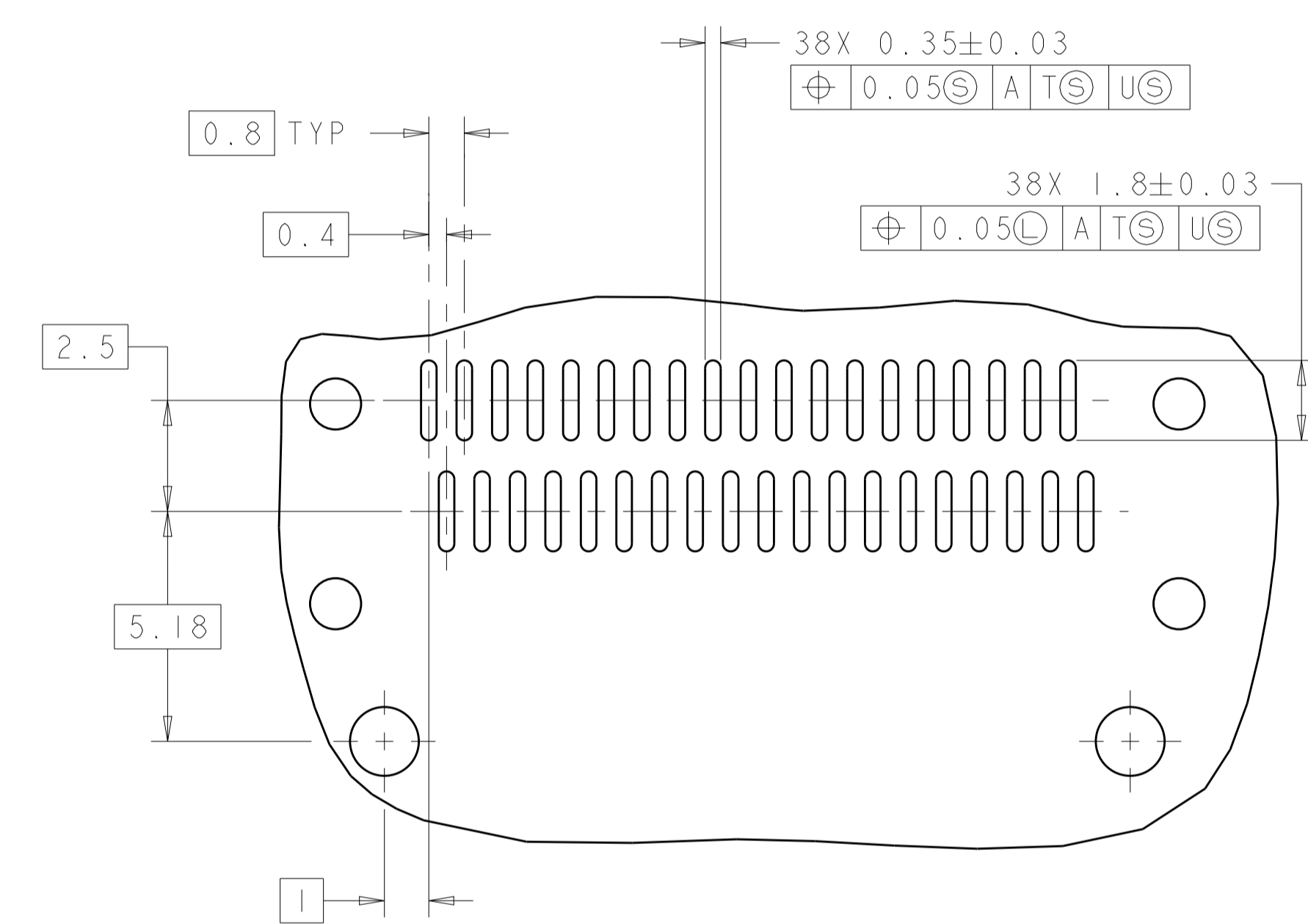
THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 22AUG2012	STE TE Connectivity	
DIMENSIONS: mm		CHK: ALEX CAI 22AUG2012	NAME: 1X4 QSFP, CAGE ASSEMBLY, W/O FLANGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: ALEX CAI 22AUG2012	SIZE: CAGE CODE DRAWING NO: A100779C=2170402	
0 PLC	± 0.25	PRODUCT SPEC	RESTRICTED TO	
2 PLC	± 0.15	108-2286		
3 PLC	± 0.15	APPLICATION SPEC		
4 PLC	± 0.15	114-13218		
ANGLES	\pm	WEIGHT		
MATERIAL: -		Customer Drawing	SCALE: 1:1 SHEET 3 of 4 REV A	

LOC	DIST	REVISIONS			
P	LTH	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1	-	-	-



SEE DETAIL K



DETAIL K
 SCALE 8:1

3.4 MIN $\triangle 3$
 ϕ OF FINAL ROW OF HOLES
 TO ϕ OF FIRST ROW OF HOLES
 FOR NEXT ADJACENT CAGE

RECOMMENDED PC BOARD LAYOUT
 BELLY TO BELLY CONFIGURATION
 SEE SHEET 4 FOR COMPONENT
 AND TRACE KEEP-OUTS
 TOLERANCE: ± 0.05
 SCALE 4:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: JASON YANG 22AUG2012	TE Connectivity IX4 QSFP, CAGE ASSEMBLY, W/O FLANGE
DIMENSIONS:		CHK: ALEX CAI 22AUG2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: ALEY CAI 22AUG2012	
mm		PRODUCT SPEC: 108-2286	
0 PLC ±	±0.25	APPLICATION SPEC: 114-13218	SIZE: CAGE CODE DRAWING NO: A100779
1 PLC ±	±0.15	WEIGHT: -	RESTRICTED TO: -
2 PLC ±	±0.10	Customer Drawing	SCALE 1:1
3 PLC ±	±0.10		SHEET 4 OF 4
4 PLC ±	±0.10		REV A
ANGLES	±		
MATERIAL:	FINISH:		