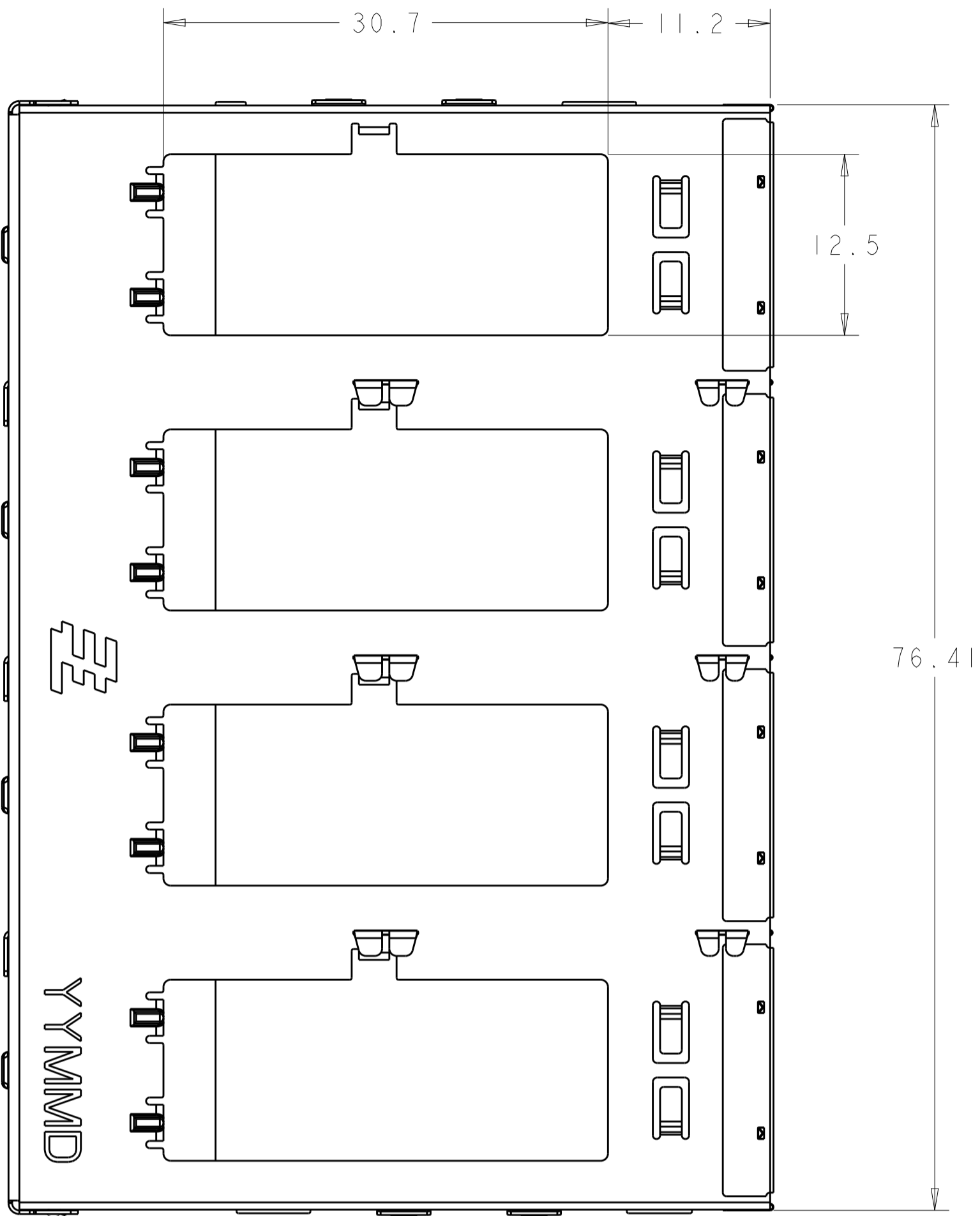
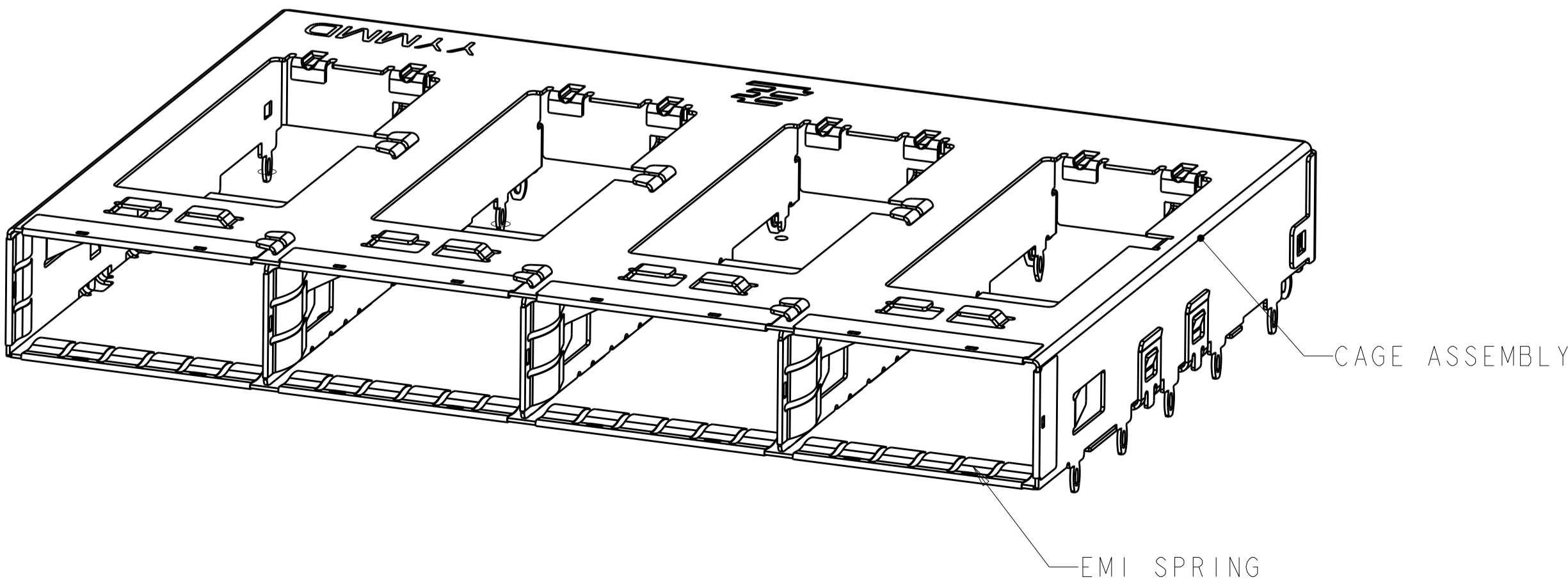
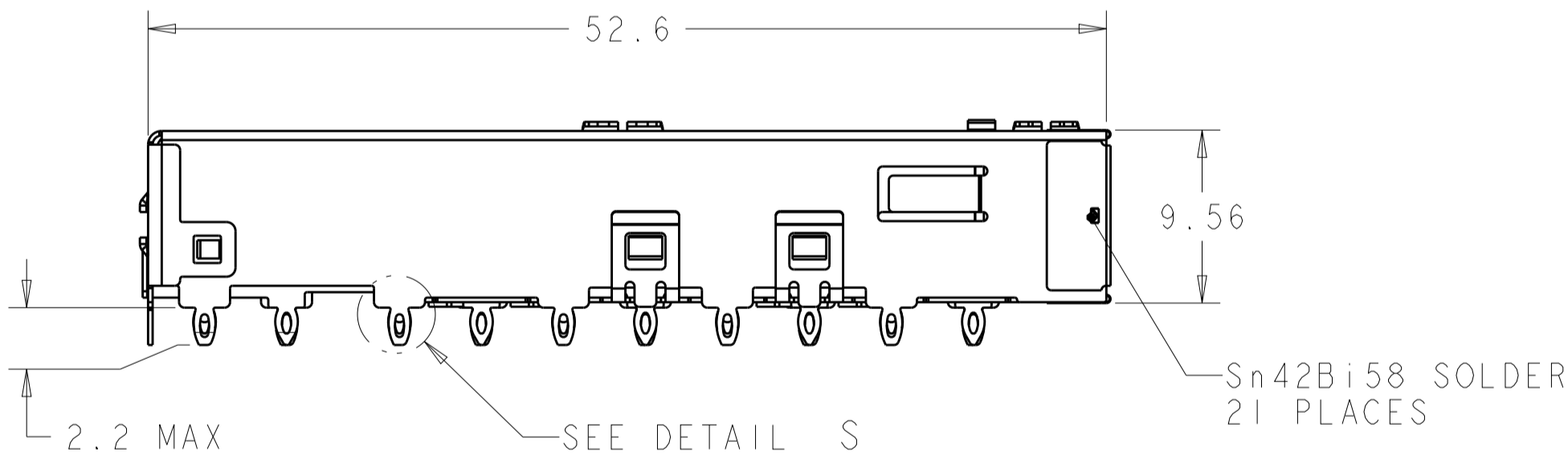


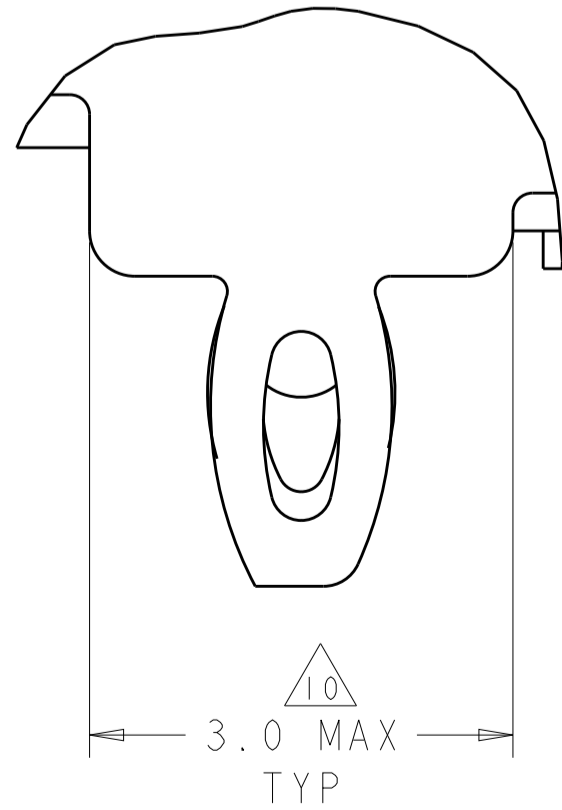
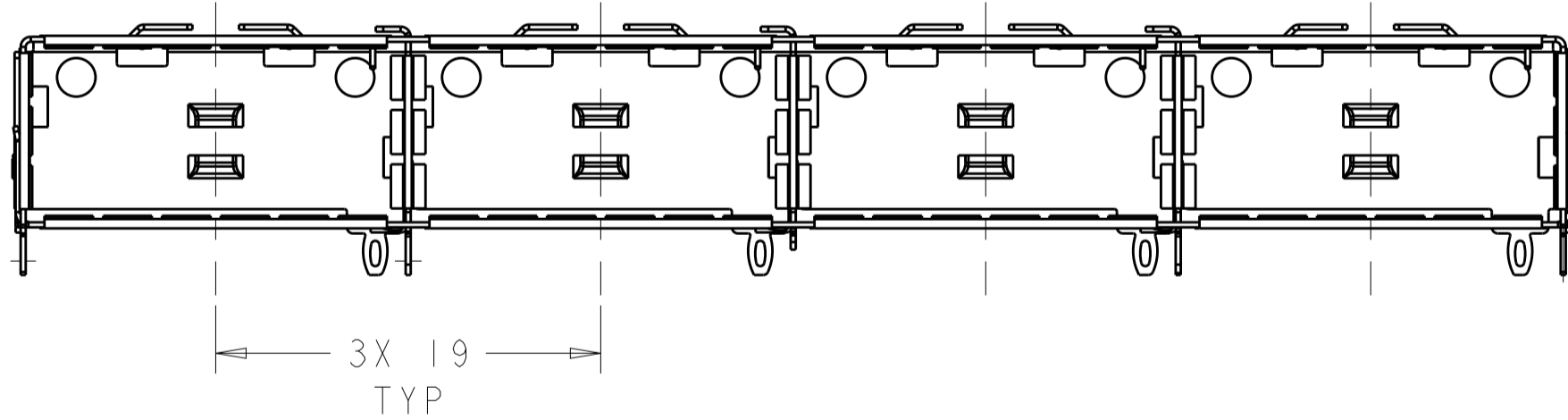
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	INITIAL RELEASE	31 JAN 2013	JY	AC



SCALE 3:1



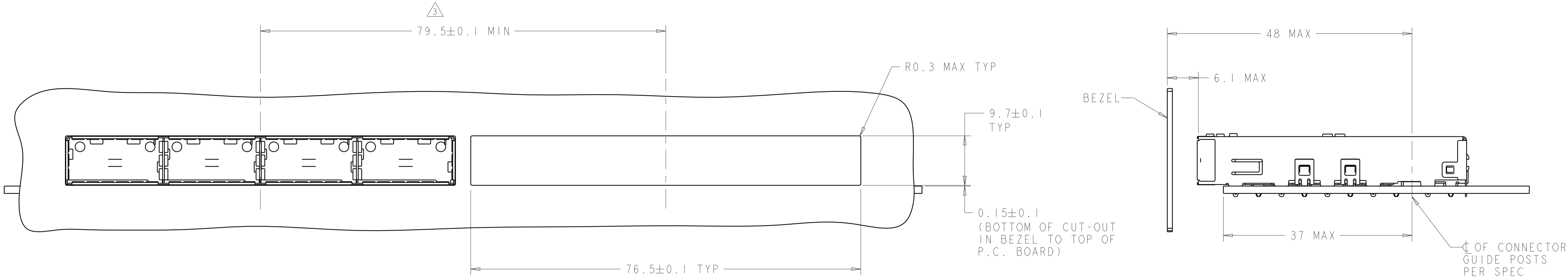
- △ CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
EMI SPRING MATERIAL: COPPER ALLOY
- △ PITCH BETWEEN PORTS OF ONE 1X4 CAGE ASSEMBLY.
- △ SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- △ REFERENCE APPLICATION SPEC 114-13218 FOR 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.
- △10 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- △11 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- △12 DATE CODE (YYWWD) MARKED ON TOP OF CAGE.
- △13 EMI SPRING FINISH: 2μm MINIMUM TIN



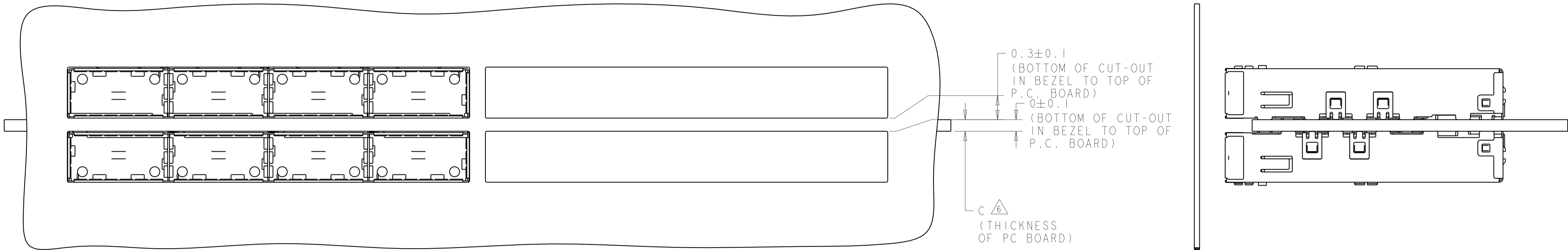
DETAIL S
SCALE 20:1

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

LOC		DIST		REVISIONS					
GP		00		P	LTR	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
CHK: ALEX CAI 22AUG2012
APVD: ALEX CAI 22AUG2012

NAME: 1X4 QSFP, CAGE ASSEMBLY, W/O FLANGE

DIMENSIONS:

mm

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

MATERIAL

-

Customer Drawing

PRODUCT SPEC

108-2286

APPLICATION SPEC

114-13218

WEIGHT

-

Customer Drawing

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

C=2170402

-

-

SCALE

1:1

SHEET

2

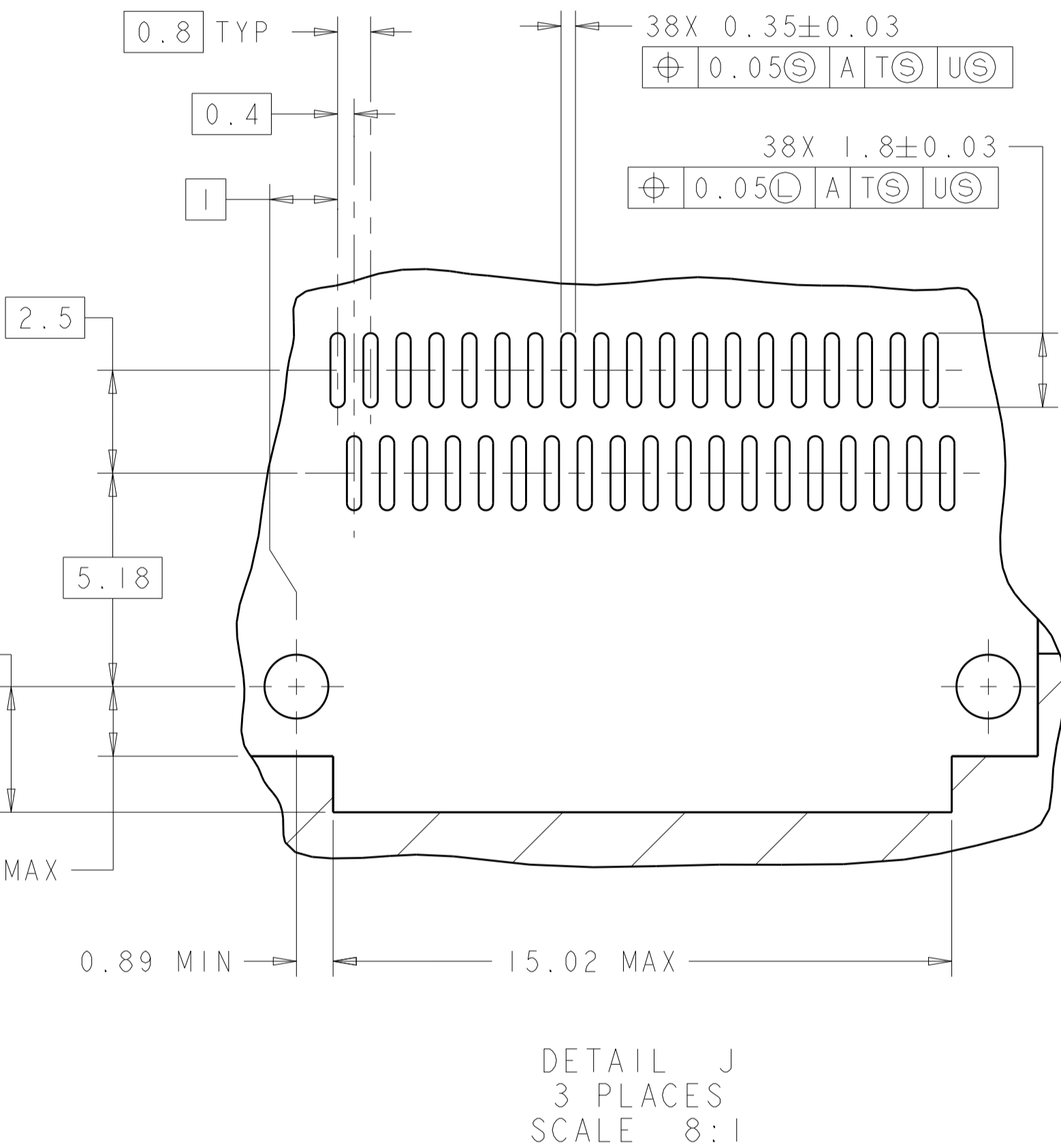
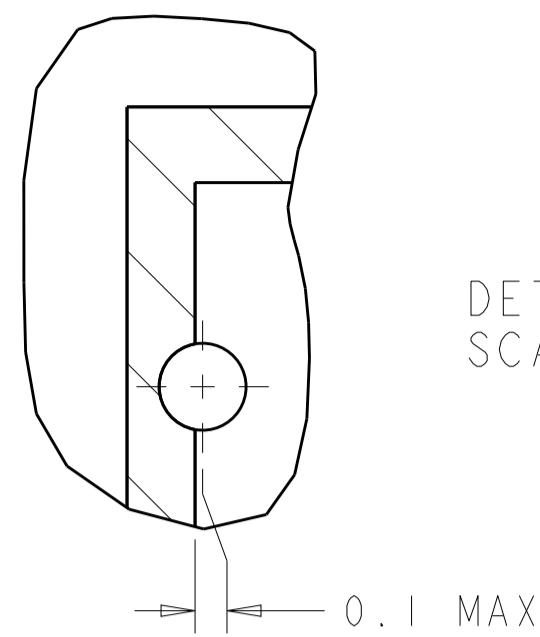
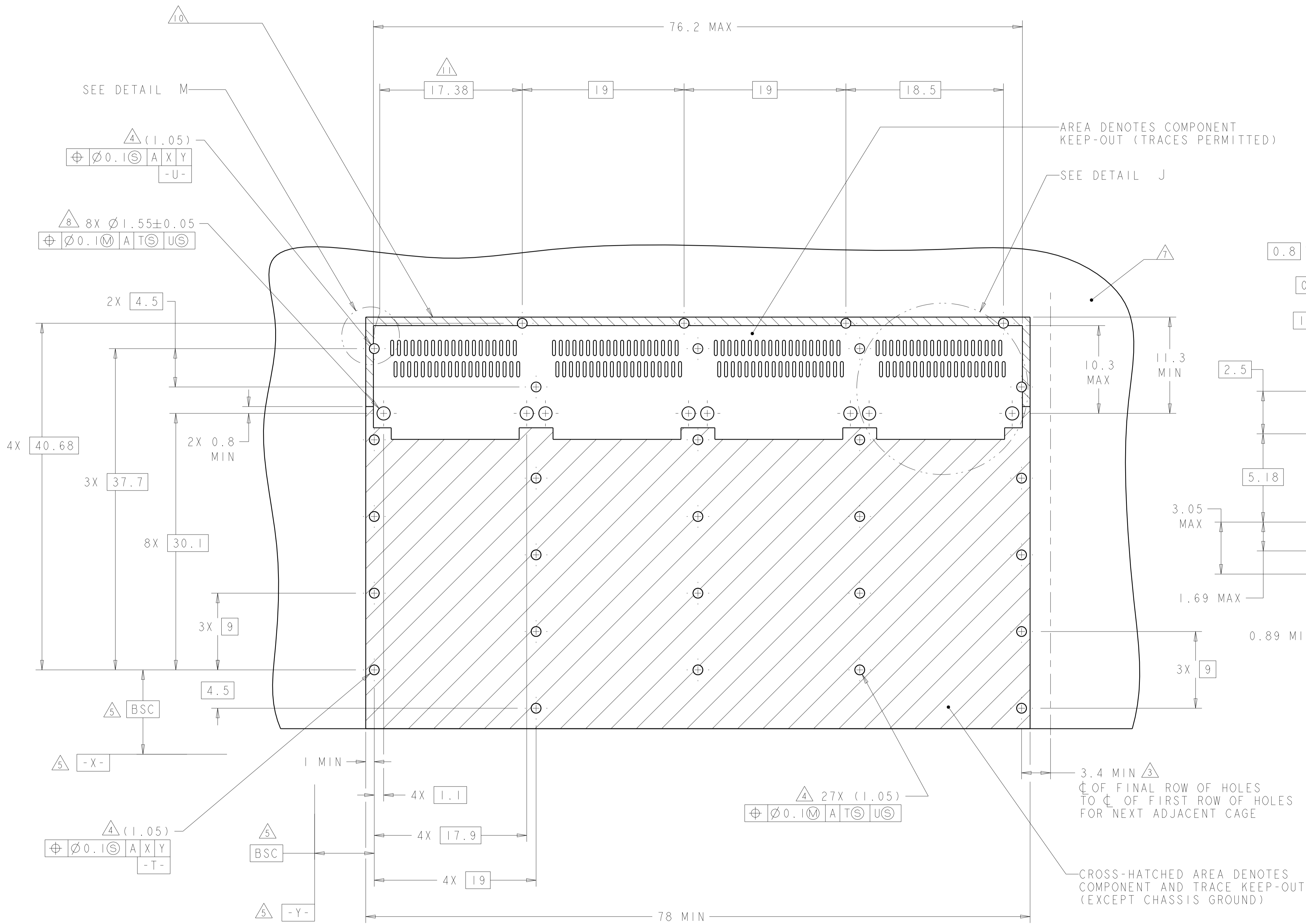
OF

4

REV



A

LOC		DIST		REVISONS			
GP		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

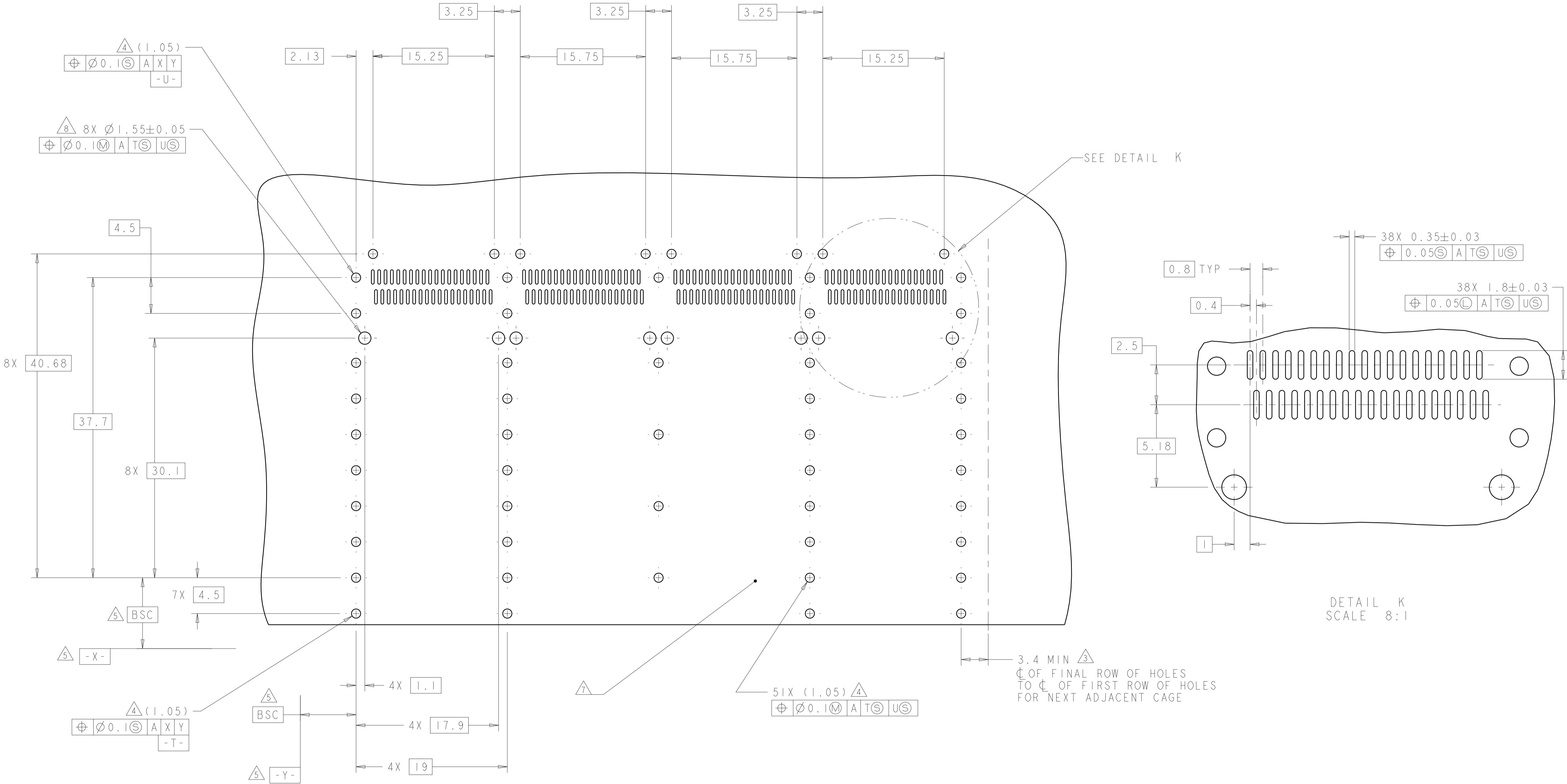


RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
TOLERANCE: ±0.05
SCALE 4:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 22AUG2012	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK: ALEX CAI 22AUG2012		
DIMENSIONS: mm		APVD: ALEX CAI 22AUG2012	NAME	1X4 QSFP, CAGE ASSEMBLY, W/O FLANGE
		PRODUCT SPEC 108-2286		
MATERIAL	FINISH	APPLICATION SPEC 114-13218	SIZE	CAGE CODE
		WEIGHT	DRAWING NO	
			A	00779C=2170402
Customer Drawing			SCALE	SHEET
			1:1	3 OF 4
				REV A

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



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.		DWN: JASON YANG 22AUG2012	TE Connectivity	
DIMENSIONS:		CHK: ALEX CAI 22AUG2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: ALEX CAI 22AUG2012	NAME: 1X4 QSFP, CAGE ASSEMBLY, W/O FLANGE	
	0 PLC ±0.25	PRODUCT SPEC		
	1 PLC ±0.15	108-2286	SIZE: CAGE CODE: DRAWING NO: 100779C=2170402	
	2 PLC ±0.15	APPLICATION SPEC		
	3 PLC ±0.15	114-13218	RESTRICTED TO: -	
	4 PLC ±0.15	WEIGHT: -		
MATERIAL: -	FINISH: -	Customer Drawing	SCALE: 1:1	SHEET 4 OF 4 REV A