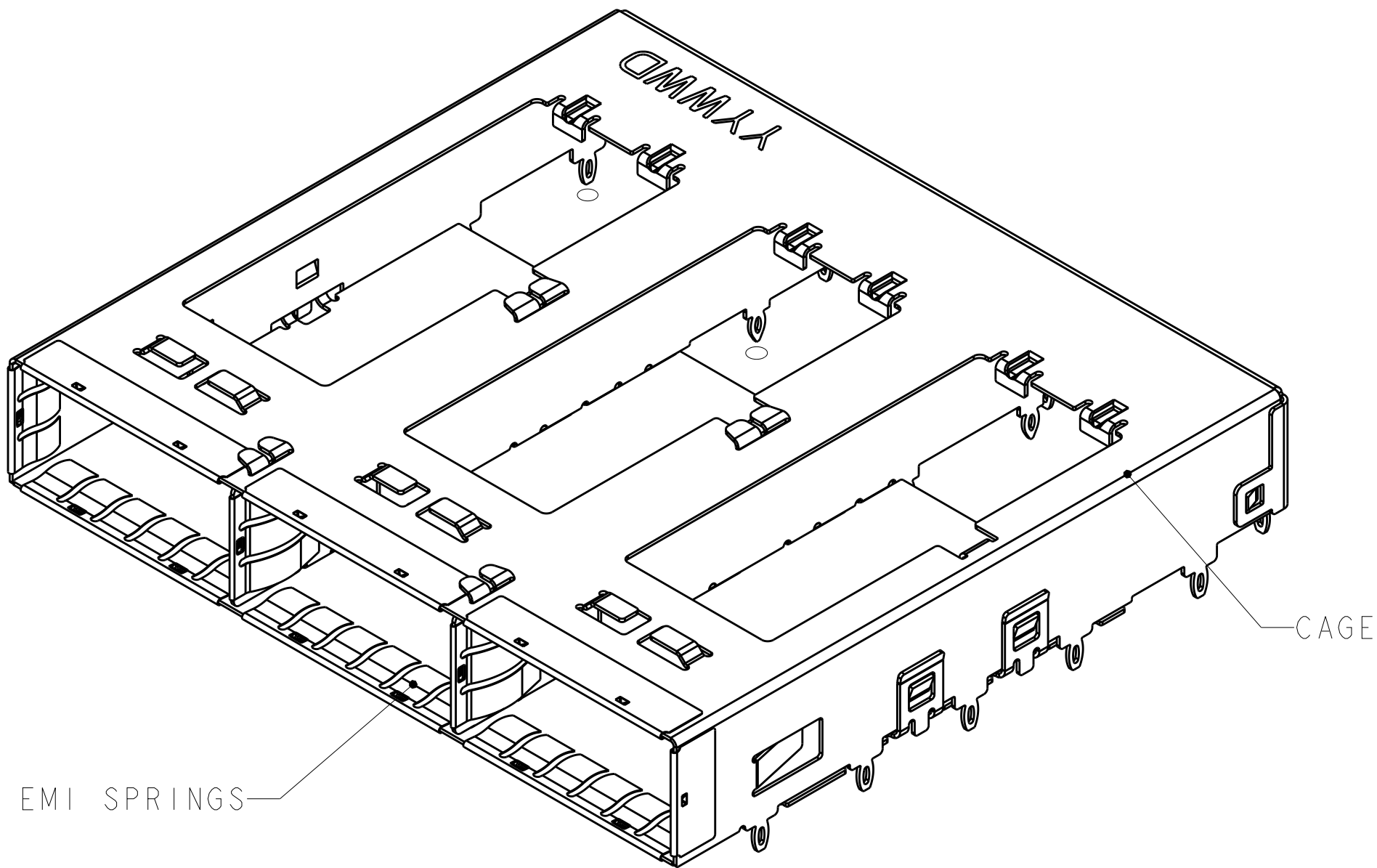
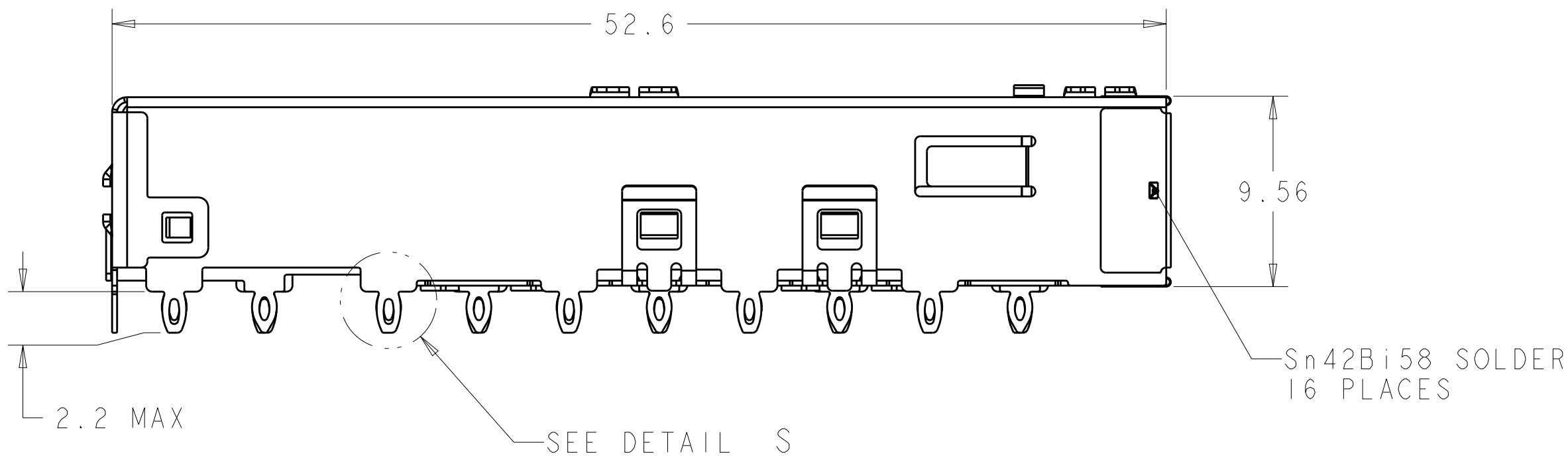
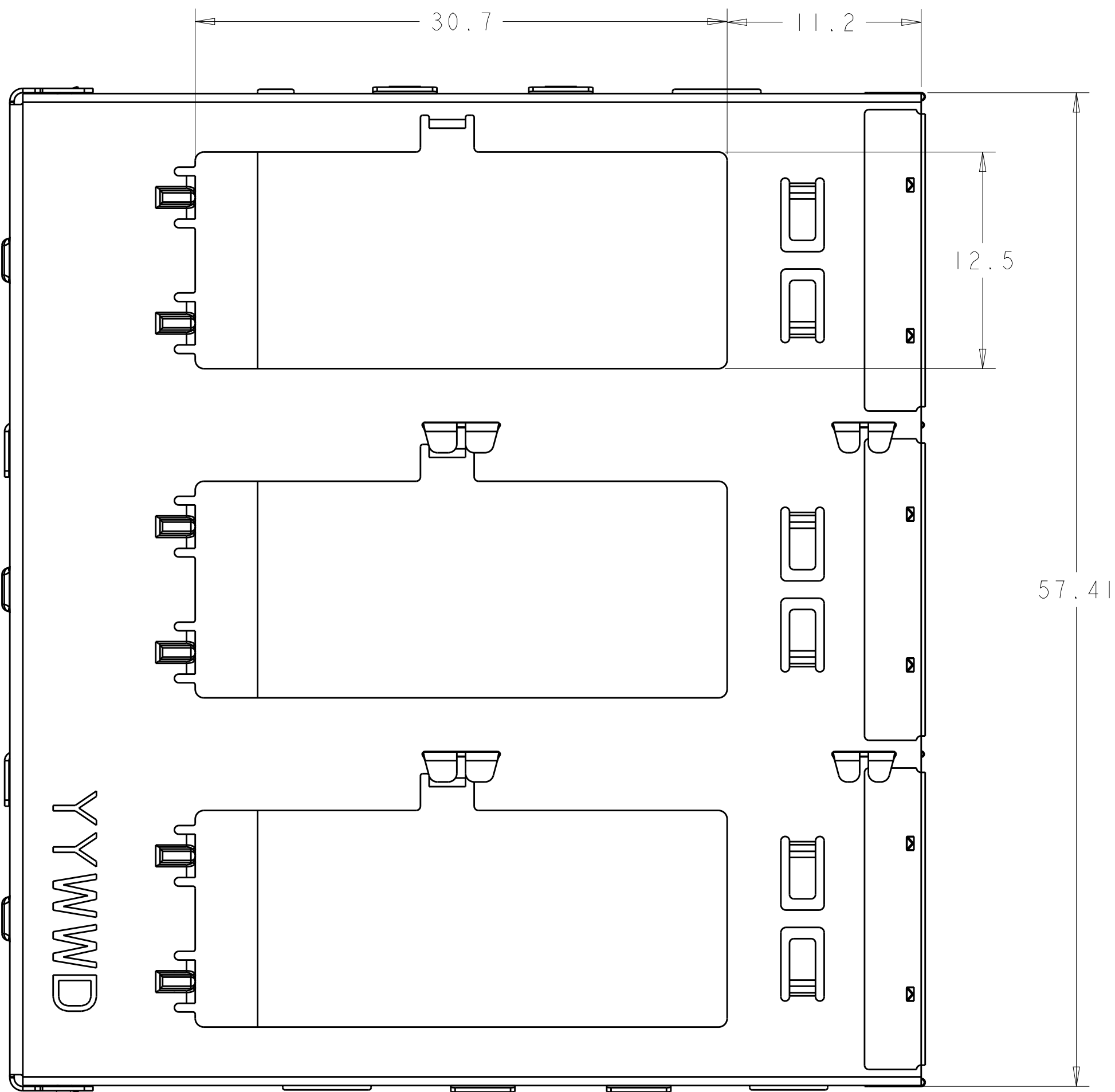
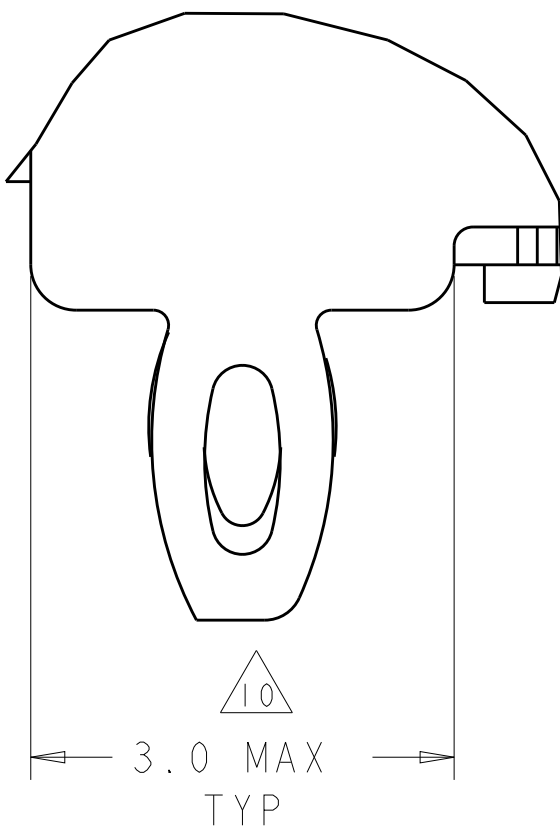
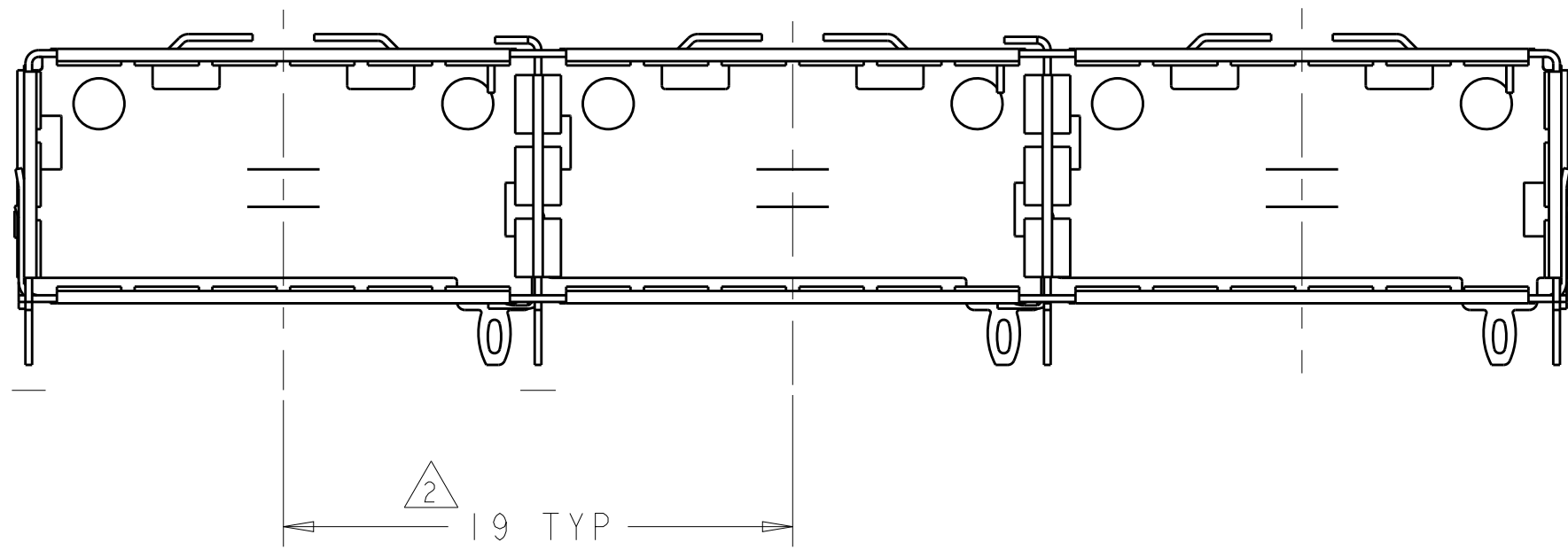


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	INITIAL RELEASE	31JAN2013	JY	AC
CK							



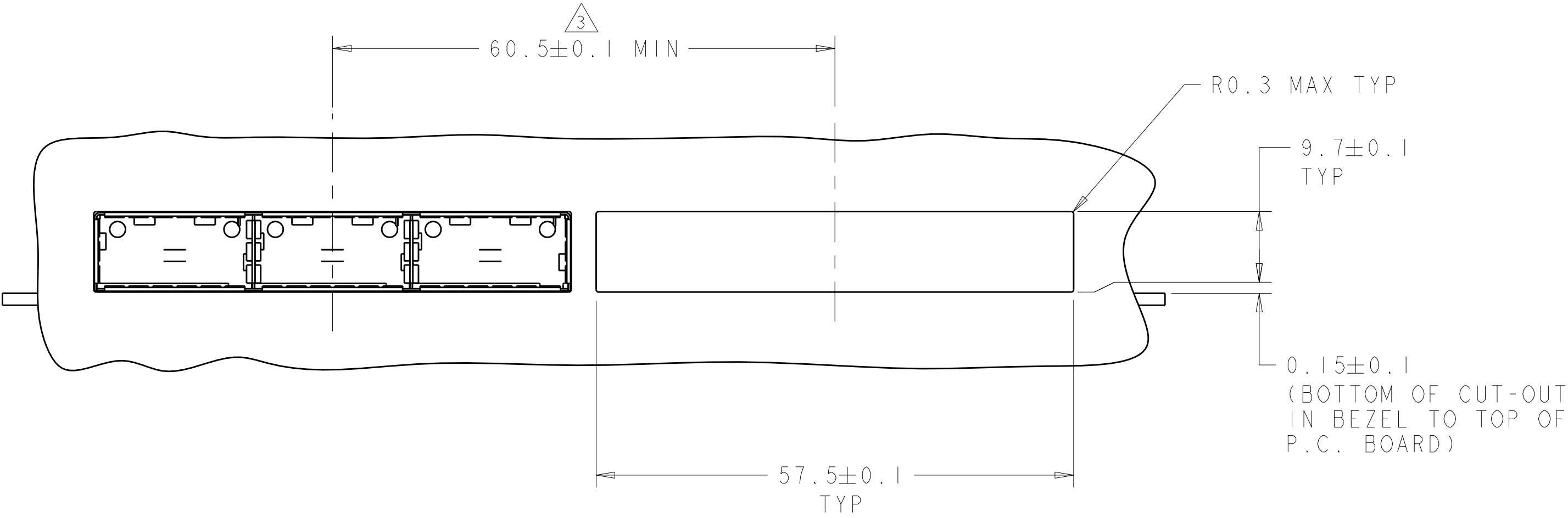
- 1 MATERIALS:
CAGE ASSEMBLY: NICKEL SILVER, 0.25 THICK
EMI SPRINGS: COPPER ALLOY
- 2 PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.
- 3 SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- 4 REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.
MINIMUM SINGLE SIDED PC BOARD THICKNESS: 1.45mm
MINIMUM DOUBLE SIDED PC BOARD THICKNESS: 2.2mm PER QSFP
- 7 DATUM -A- IS TOP SURFACE OF PC BOARD.
- 8 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 FINISH:
EMI SPRINGS: 2µm MINIMUM TIN



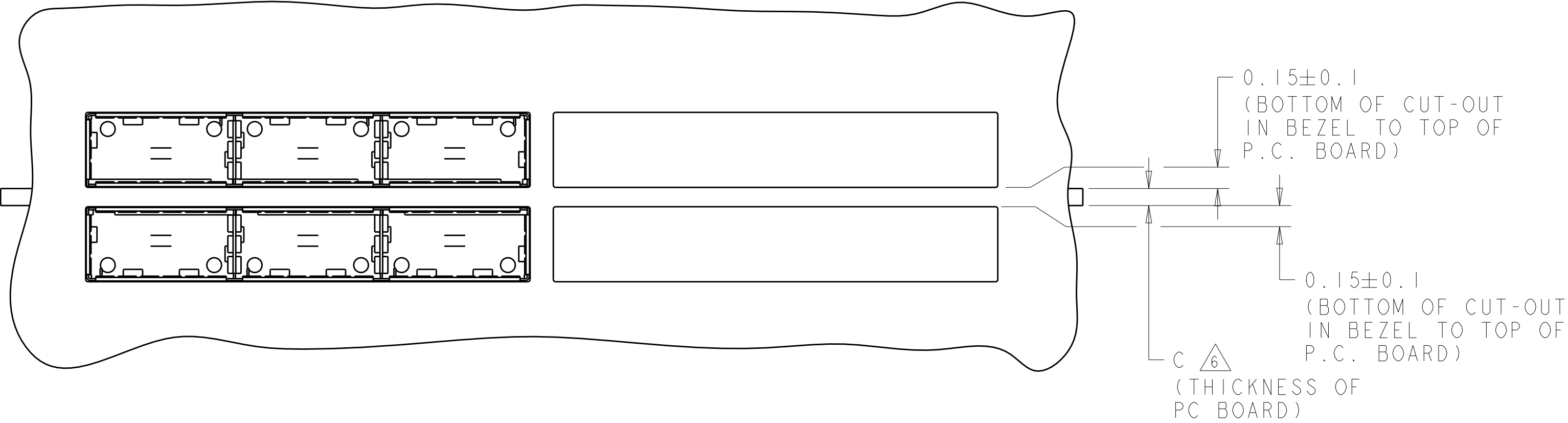
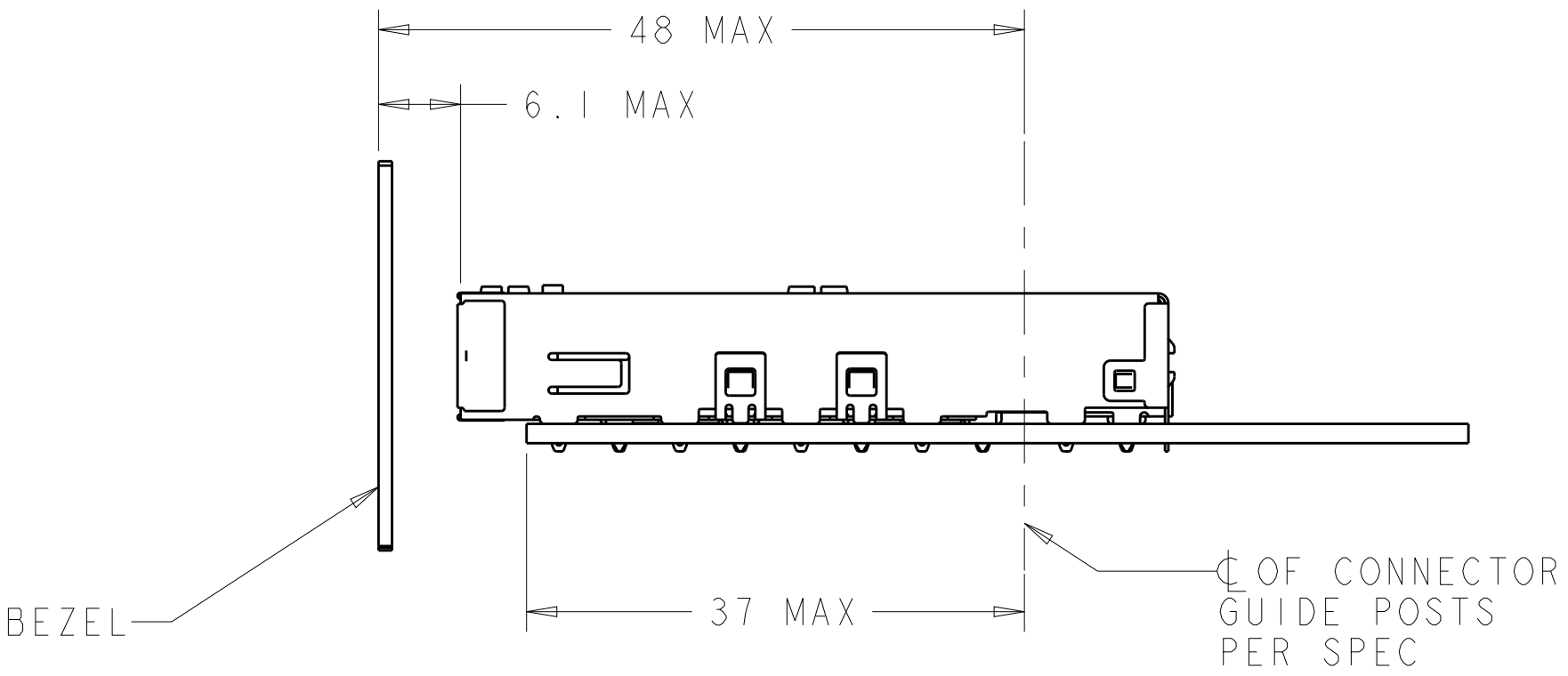
DETAIL S
SCALE 20:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 22AUG2012	TE Connectivity	
		CHK: ALEX CAI 22AUG2012		
DIMENSIONS:		APVD: ALEX CAI 22AUG2012	NAME	
mm		PRODUCT SPEC	1X3 QSFP, CAGE ASSEMBLY, W/O FLANGE	
		108-2286		
		APPLICATION SPEC		
		114-13218		
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO	
			A100779C=2170400	
		Customer Drawing	RESTRICTED TO	
			SCALE 2:1 SHEET 1 OF 4 REV A	

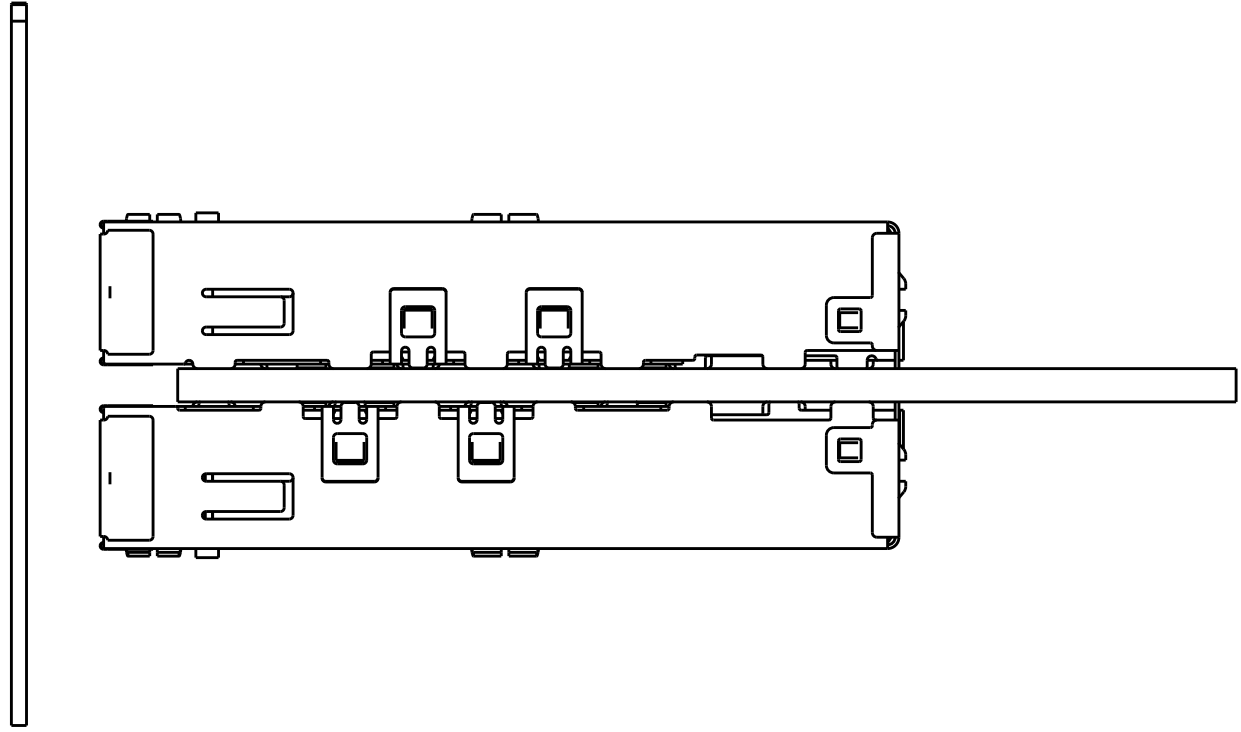
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



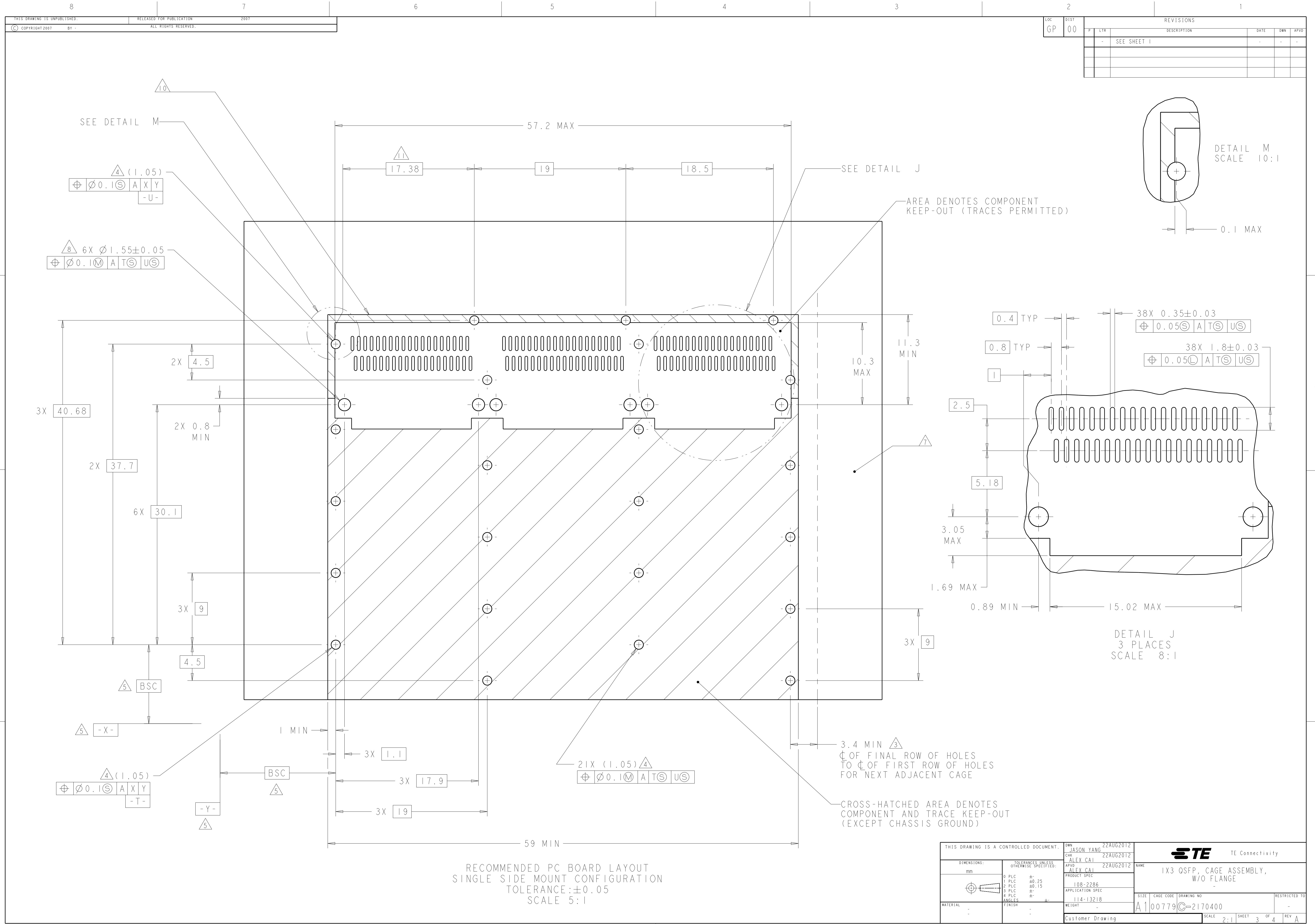
ONE SIDED CONFIGURATION
SCALE 2:1



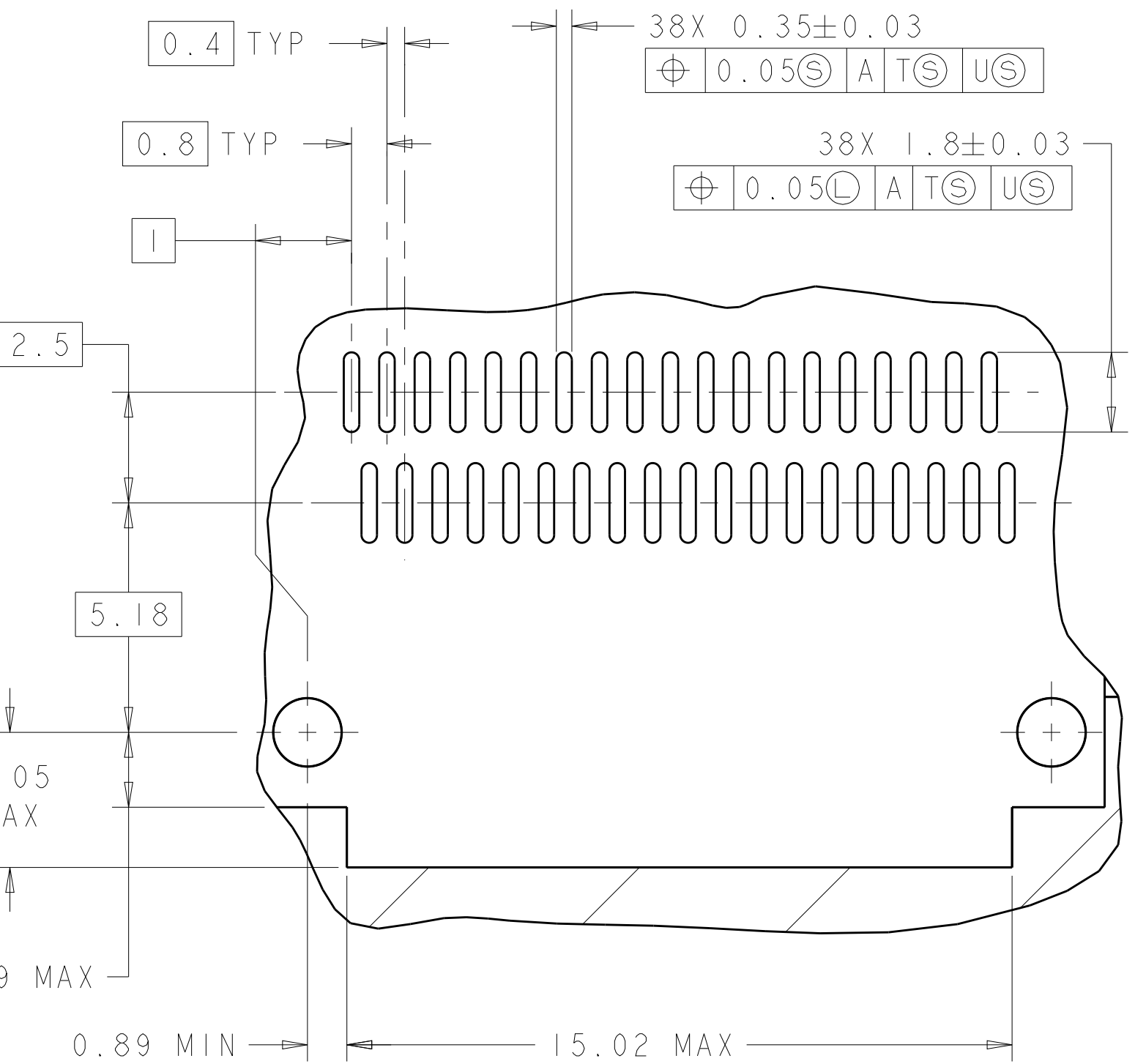
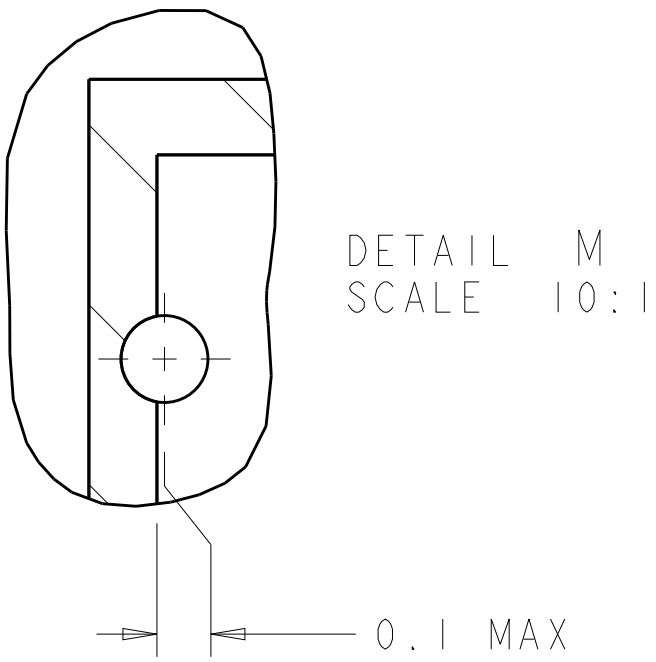
BELLY TO BELLY CONFIGURATION SIMILAR
TO ONE SIDED EXCEPT WHERE NOTED
SCALE 2:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JASON YANG	22AUG2012	 TE Connectivity	
		CHK	ALEX CAI	22AUG2012		
DIMENSIONS:		APVD	ALEX CAI	22AUG2012	NAME	1X3 QSFP, CAGE ASSEMBLY, W/O FLANGE
mm		PRODUCT SPEC				
		TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC	-
		0 PLC ±0.25				
		1 PLC ±0.15				
		2 PLC ±0.15				
		3 PLC ±0.15				
		4 PLC ±0.15			114-13218	-
		ANGLES				
		FINISH			WEIGHT	A100779C=2170400
MATERIAL					Customer Drawing	SCALE 2:1
					SHEET 2 OF 4	REV A



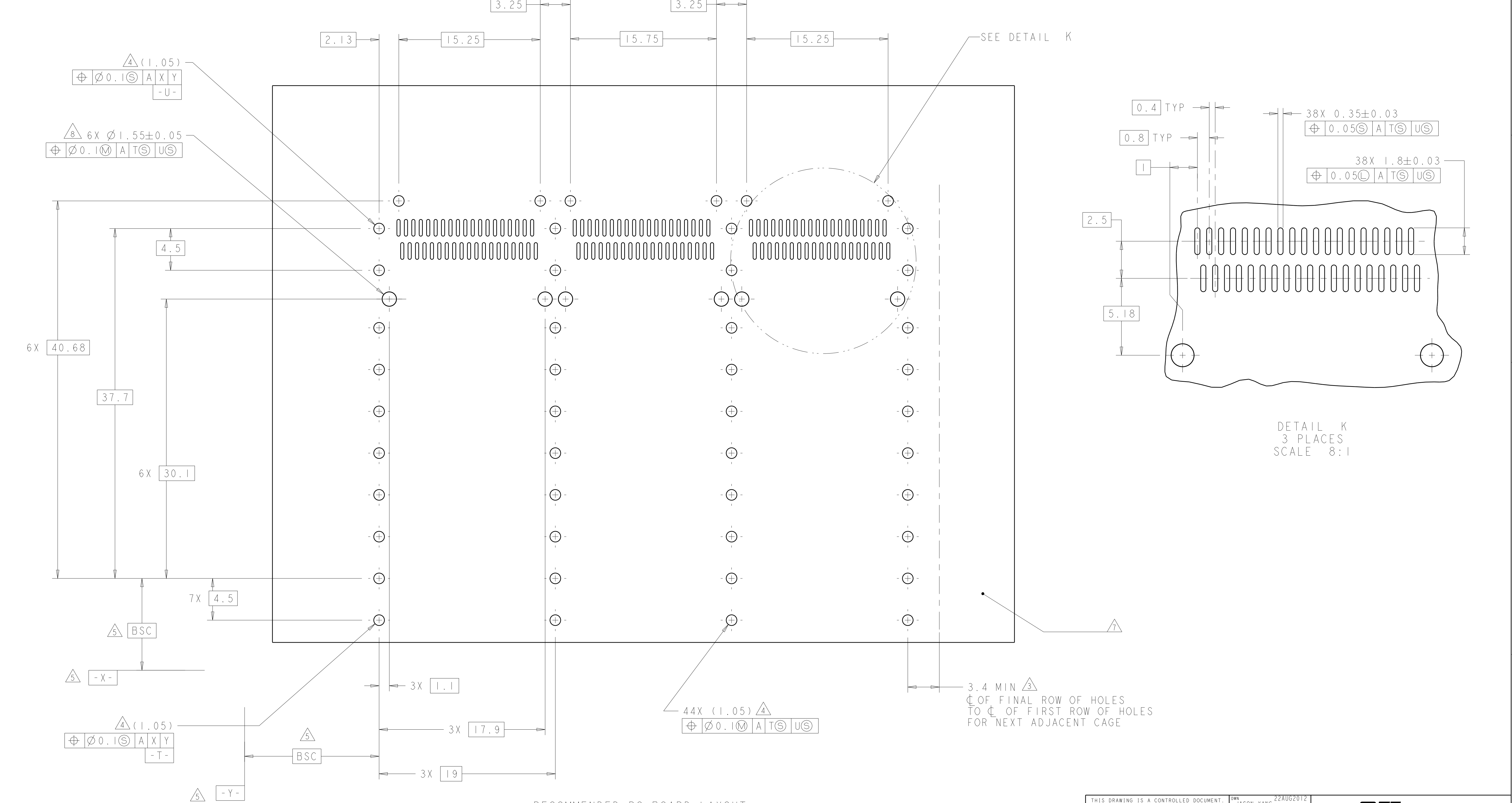
LOC		DIST		REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
TOLERANCE: ±0.05
SCALE 5:1

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	1X3 QSFP, CAGE ASSEMBLY, W/O FLANGE		
	0 PLC ±0.25	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	
	1 PLC ±0.15	108-2286				RESTRICTED TO
	2 PLC ±0.15	APPLICATION SPEC				
	4 PLC ±0.15	114-13218				
MATERIAL	FINISH	WEIGHT	A1	00779C=2170400	-	
Customer Drawing			SCALE	2:1	SHEET 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 5:1

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 1X3 QSFP, CAGE ASSEMBLY, W/O FLANGE	
	0 PLC ±	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	1 PLC ±0.25	108-2286		
	2 PLC ±0.15	APPLICATION SPEC	A100779C=2170400	
	3 PLC ±	114-13218		
MATERIAL	FINISH	WEIGHT	Customer Drawing	
-	-	-		
		SCALE 2:1	SHEET 4 OF 4	REV A

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