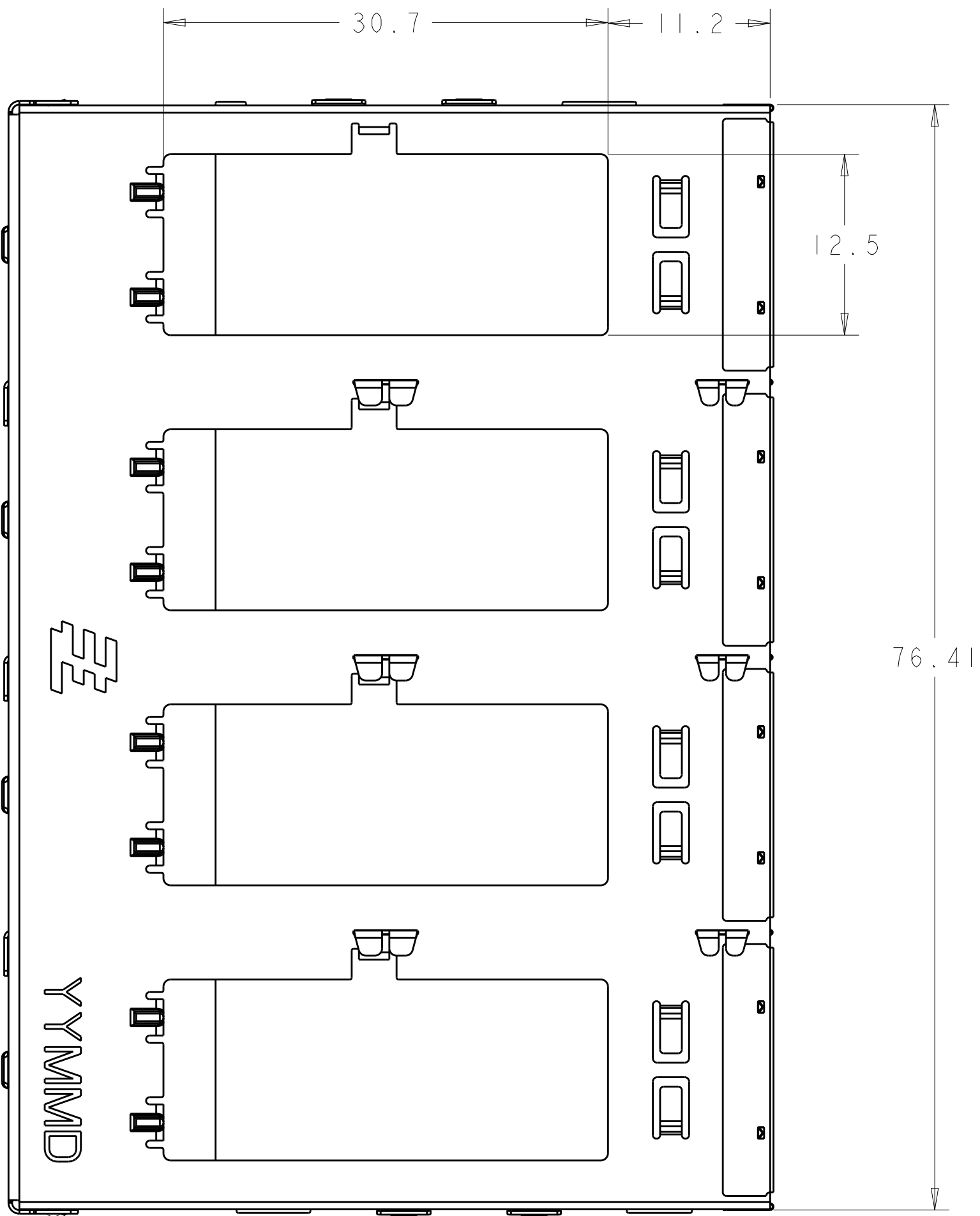
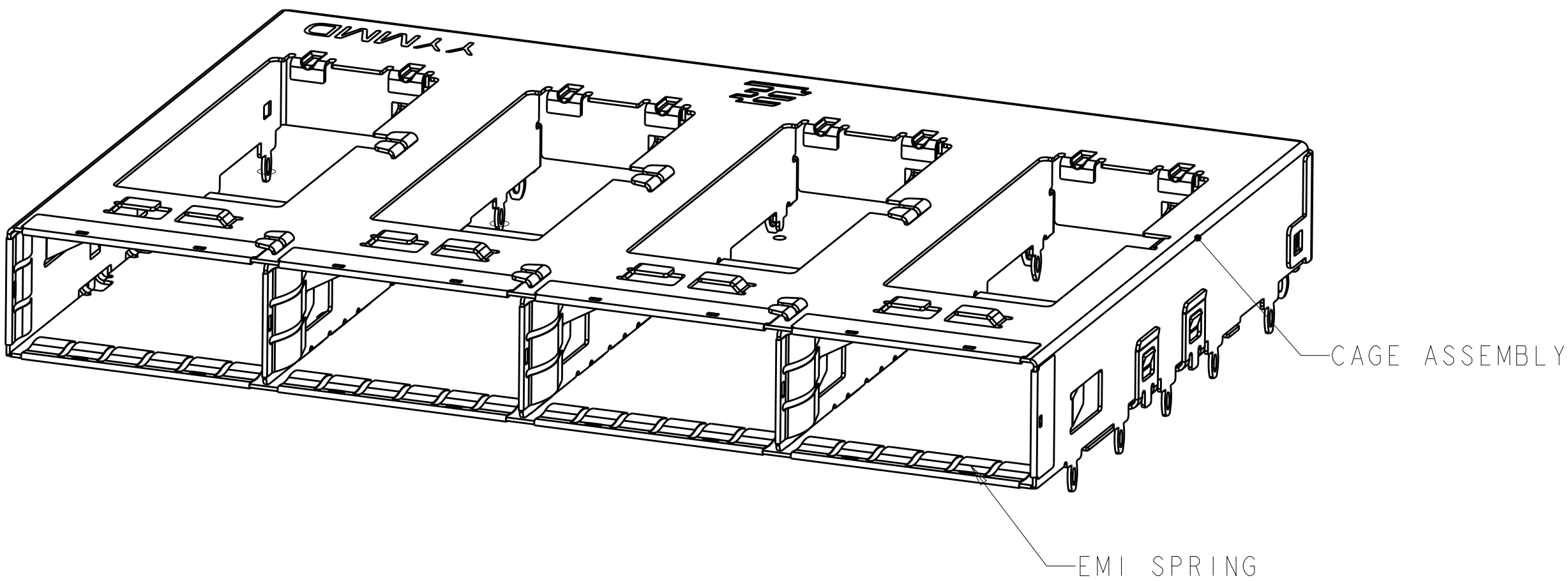
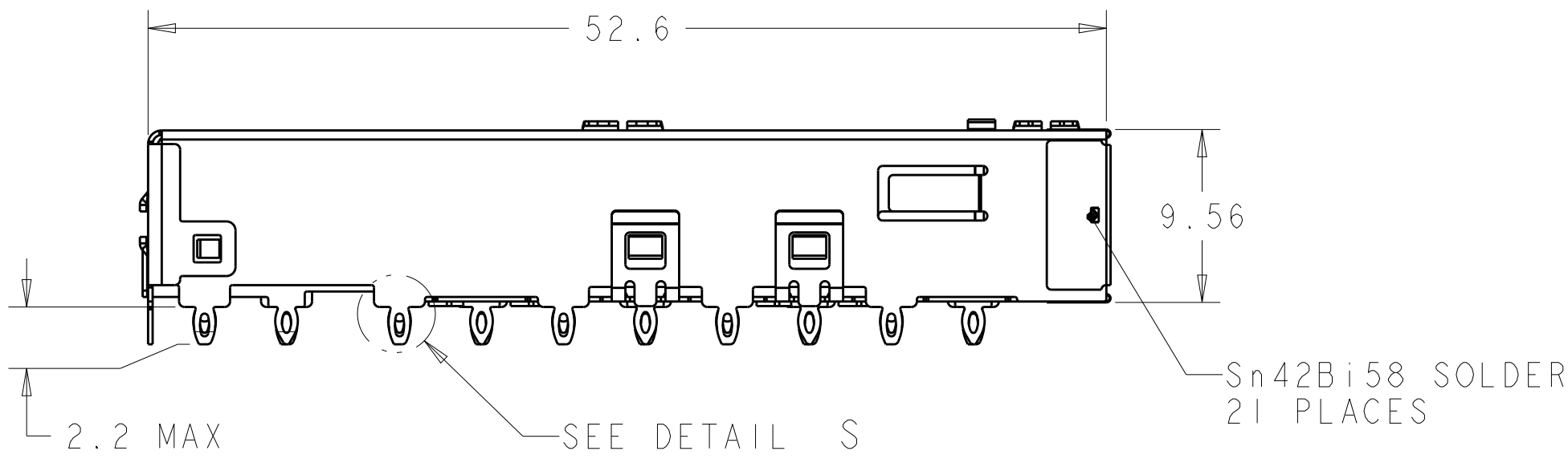


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	INITIAL RELEASE	31JAN2013	JY	AC

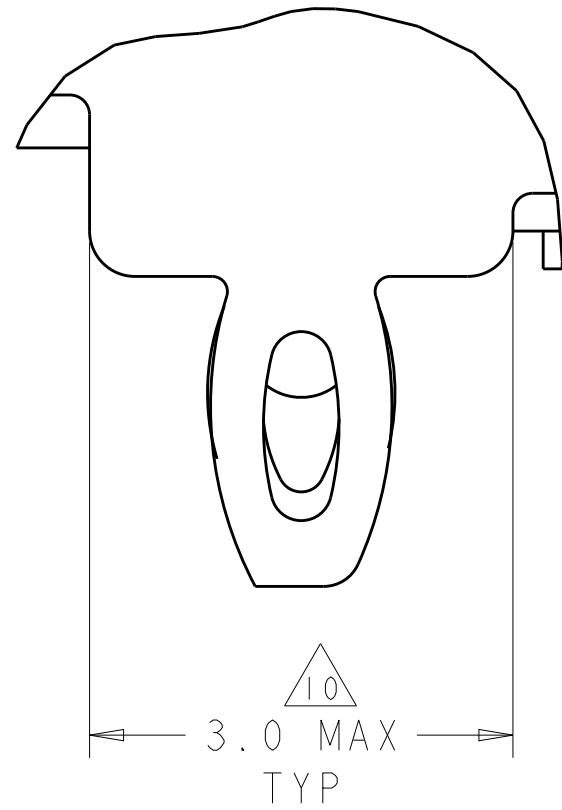
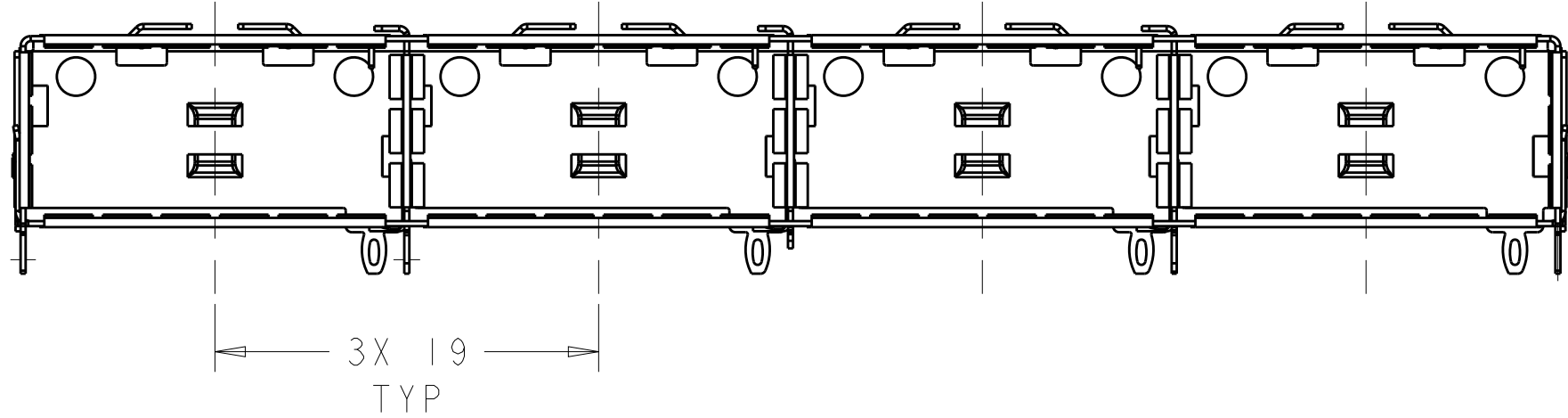


SCALE 3:1



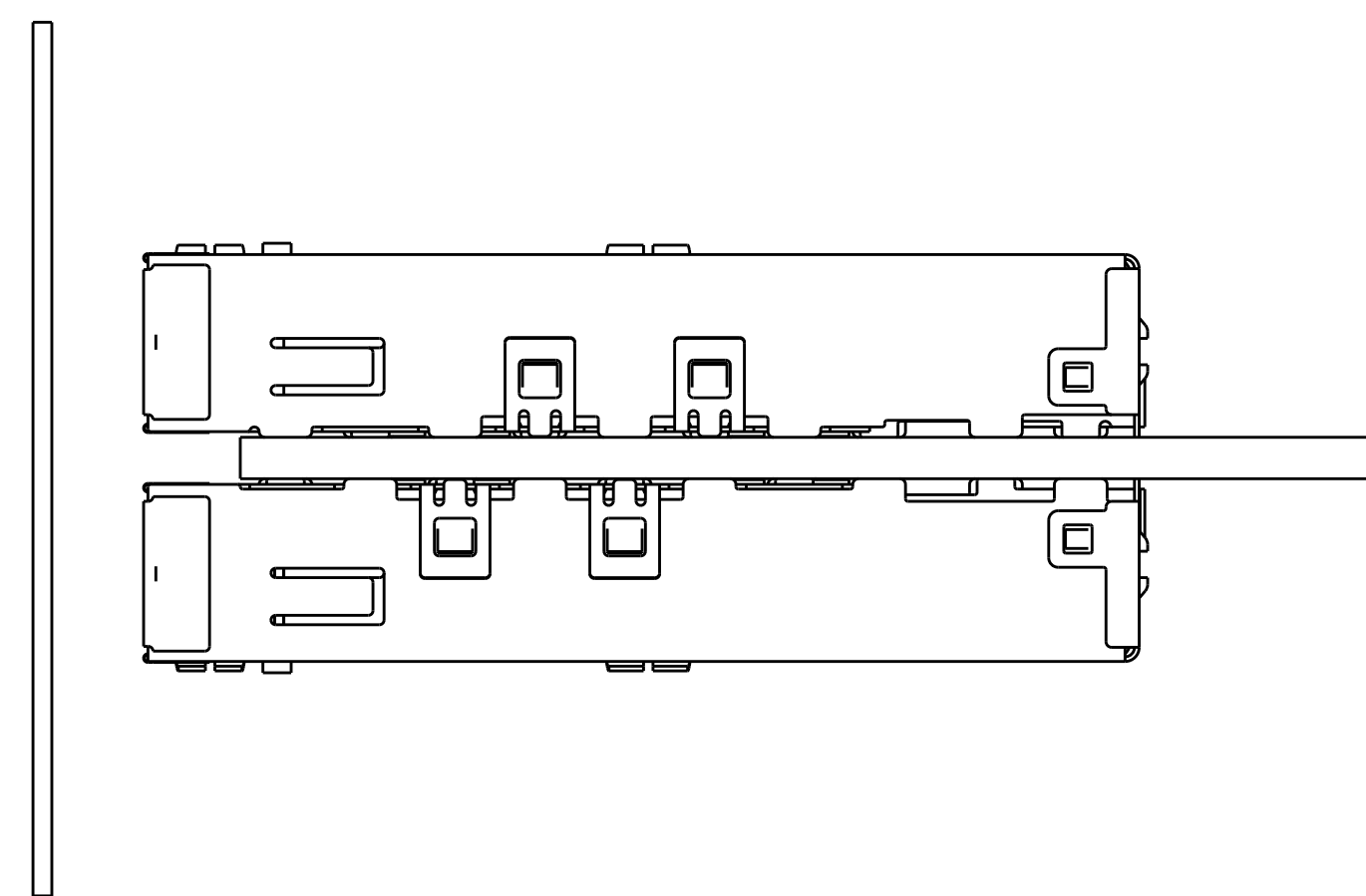
SCALE 3:1

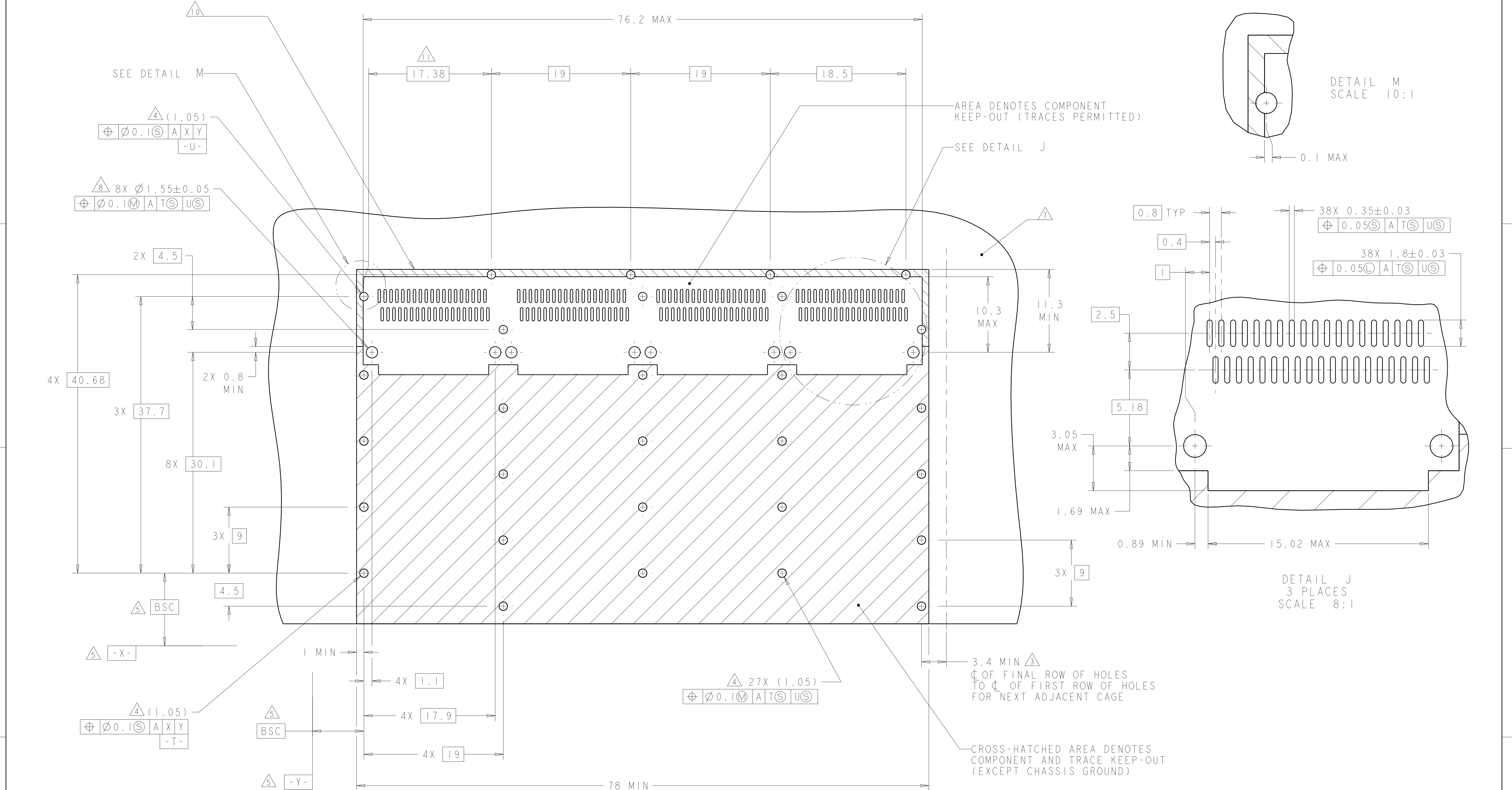
- △ CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK
EMI SPRING MATERIAL: COPPER ALLOY
- △ PITCH BETWEEN PORTS OF ONE 1X4 CAGE ASSEMBLY.
- △ SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- △ REFERENCE APPLICATION SPEC 114-13218 FOR 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.
- △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



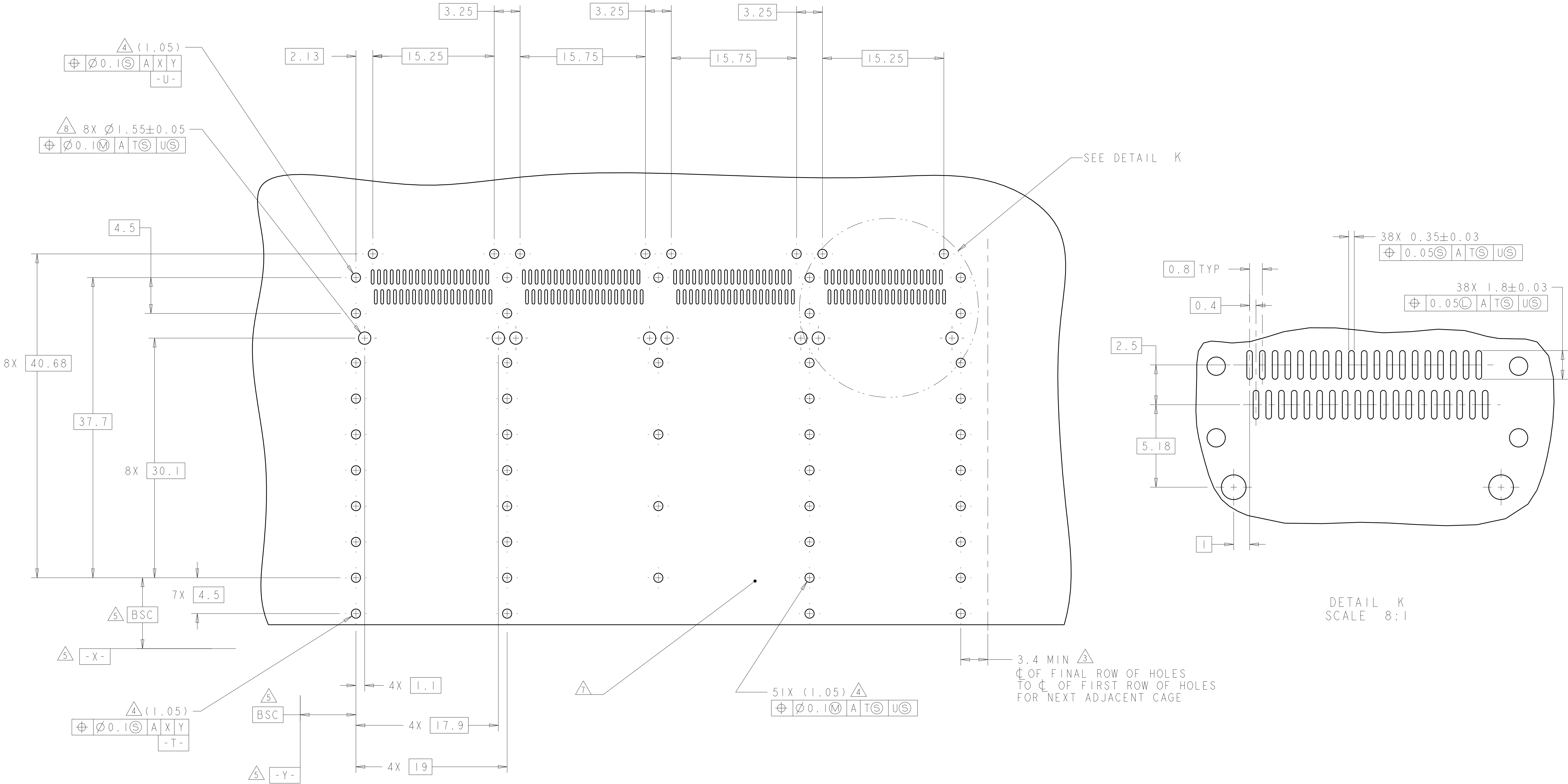
DETAIL S
SCALE 20:1

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:	
		108-2286	A100779C=2170402	
		APPLICATION SPEC		
		114-13218		
MATERIAL		WEIGHT	Customer Drawing	
			SCALE 1:1 SHEET 1 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 ±	PRODUCT SPEC	SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO:	
	1 PLC ±0.25	108-2286	A100779C=2170402	
	2 PLC ±0.15	APPLICATION SPEC	SCALE: 1:1 SHEET 4 OF 4 REV A	
	3 PLC ±	114-13218		
MATERIAL:	FINISH:	WEIGHT:	Customer Drawing	

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