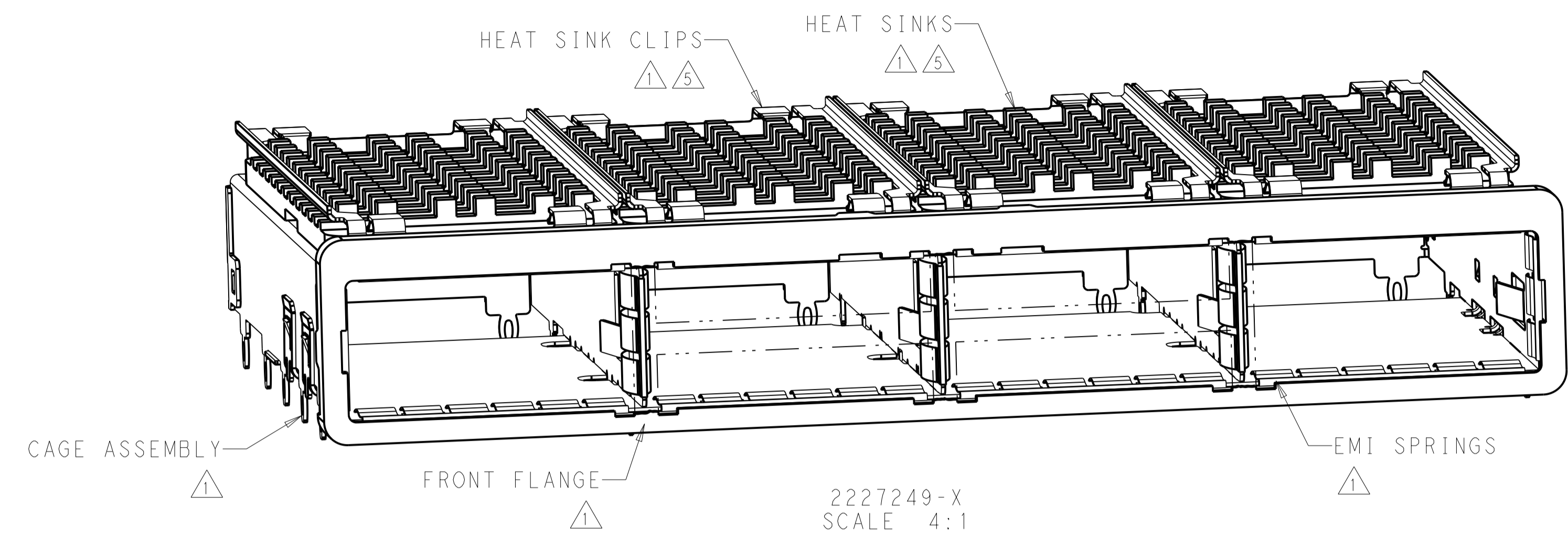
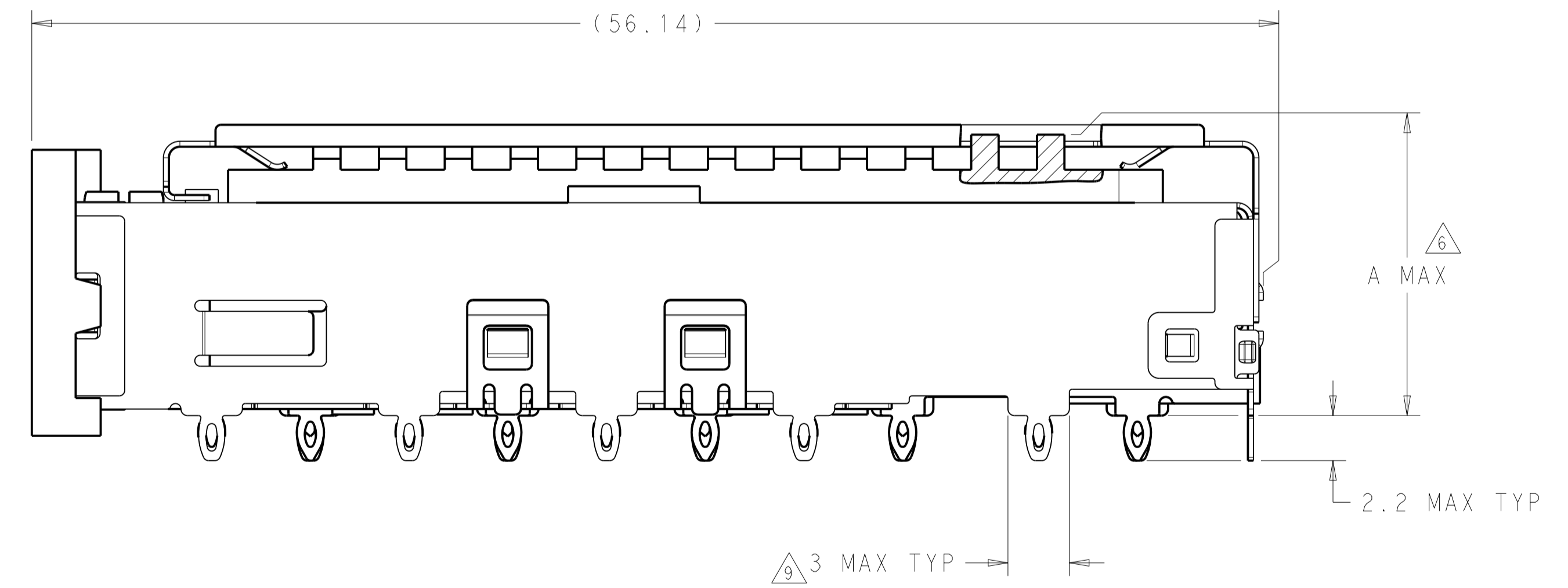
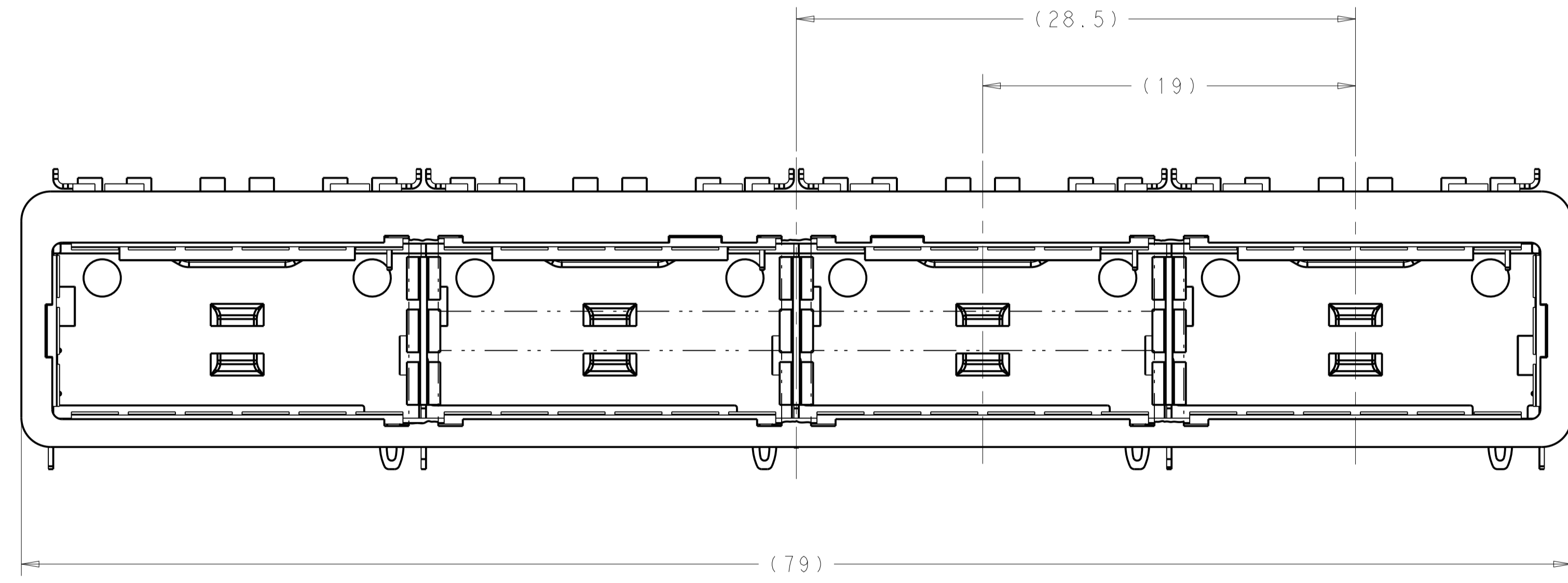


LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
		A	11APR2014	LAW	EB



- 1. MATERIALS/FINISH:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY, (0.25) THICK
EMI SPRINGS - COPPER ALLOY/2µm MIN TIN
FRONT FLANGE - ZINC ALLOY/3µm MIN TIN OVER 1.27µm MIN NICKEL OVER 5.08µm MIN COPPER
HEAT SINK - ALUMINUM/NICKEL
HEAT SINK CLIP - STAINLESS STEEL
- 2. SPACING BETWEEN CAGES ON THE SAME PCB TO BE SPECIFIED BY THE CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSION SHOWN
- 3. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
- 4. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 5. HEAT SINKS AND CLIPS ARE SHIPPED ASSEMBLED, CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED
- 6. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
- 7. UNPLATED THRU HOLE
- 8. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER
- 9. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS CONTACT PCB
- 10. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE
- 11. DATE CODE (YYWWD) IS MARKED ON TOP OF CAGE BUT IS CONCEALED BY HEAT SINKS, APPLIES TO CAGE ASSEMBLY ONLY
- 12. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR GASKET THICKNESS CALCULATION
- 13. DIMENSION C IS THE NOMINAL THICKNESS OF THE CUSTOMER SUPPLIED PC BOARD:
SINGLE SIDED PC BOARD MINIMUM THICKNESS - 1.45
DOUBLE SIDED PC BOARD MINIMUM THICKNESS - 2.4



23	NETWORKING	2227249-3
16	SAN	2227249-2
13.7	PCI	2227249-1
A	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.

STE TE Connectivity

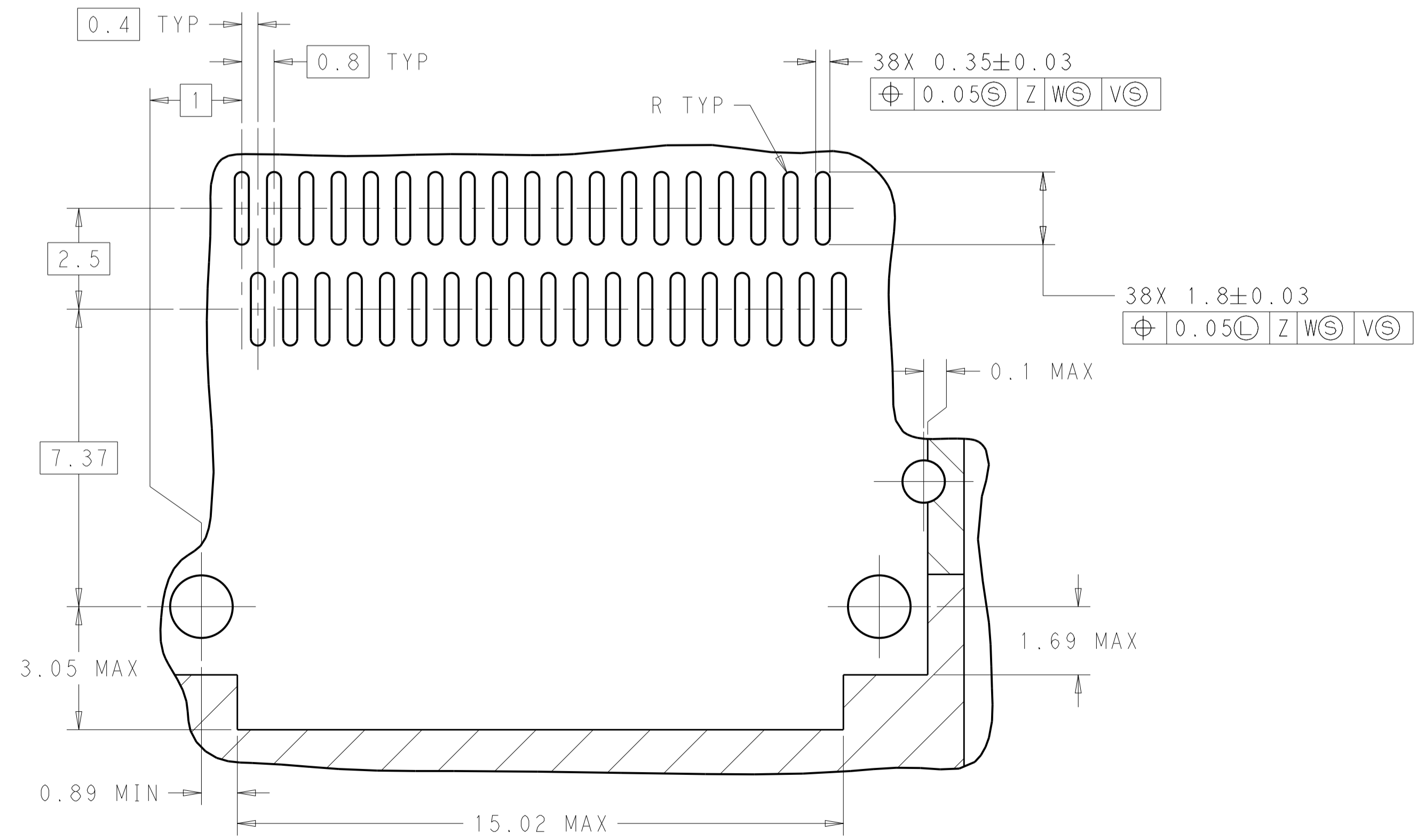
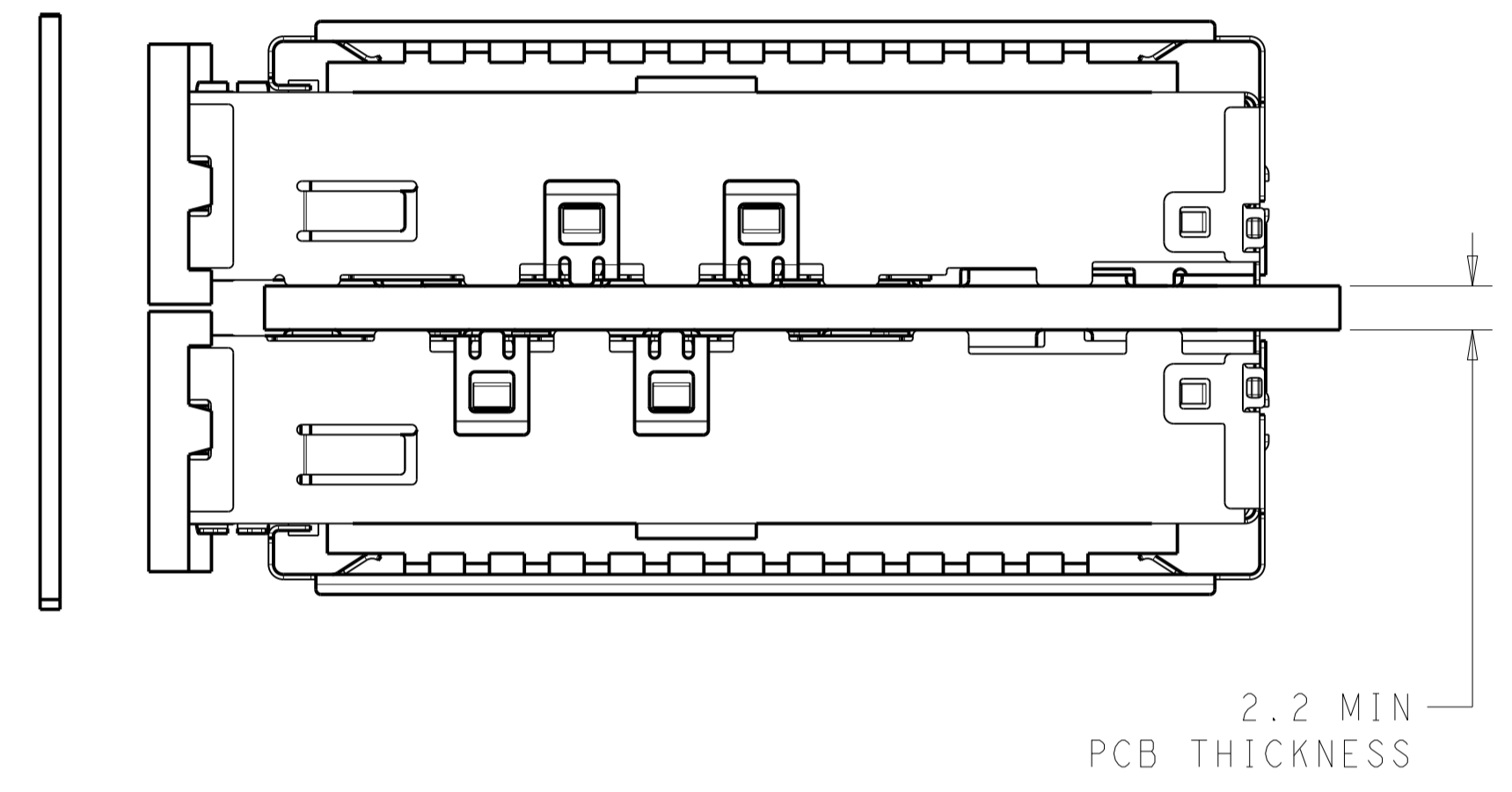
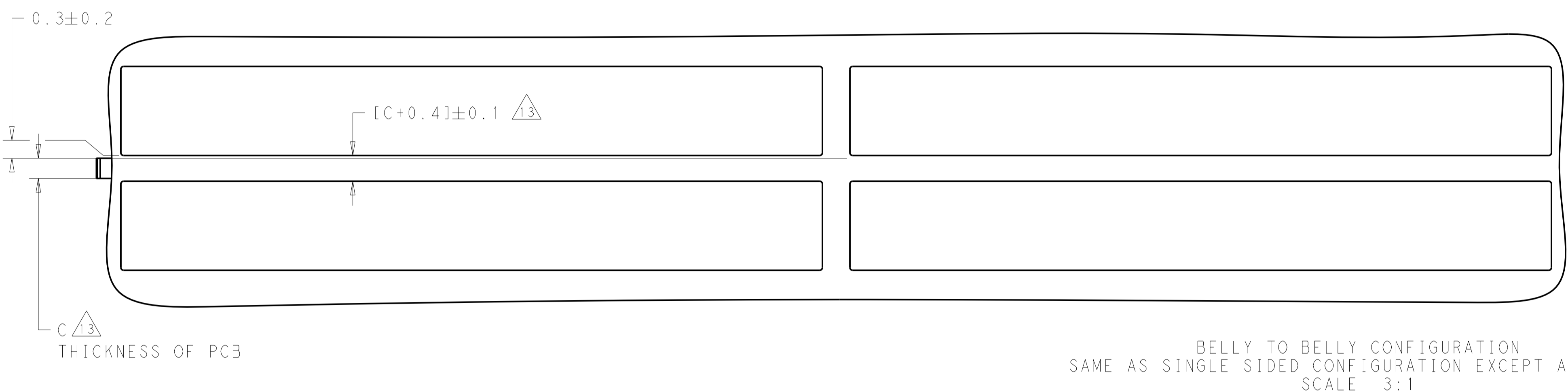
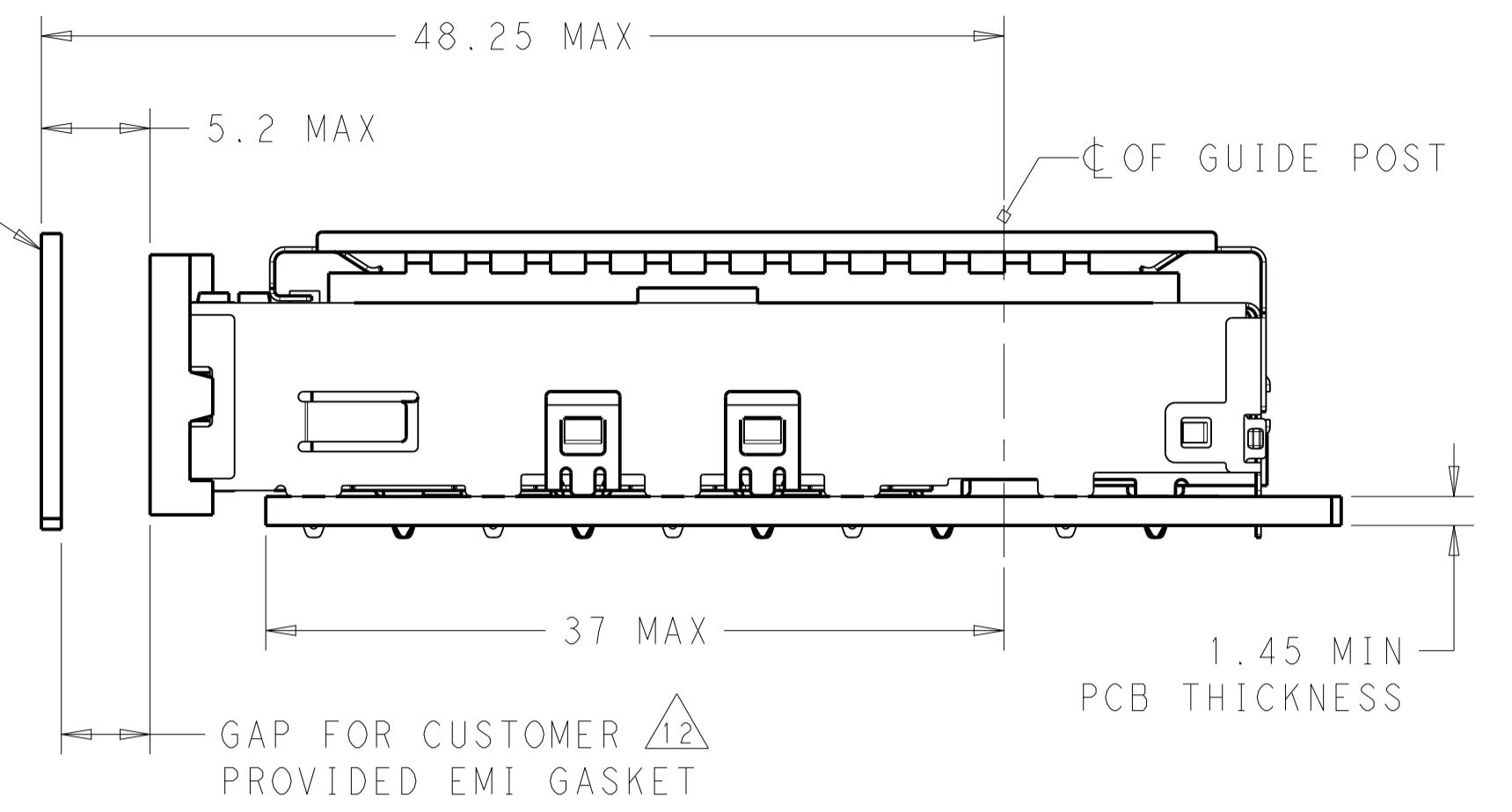
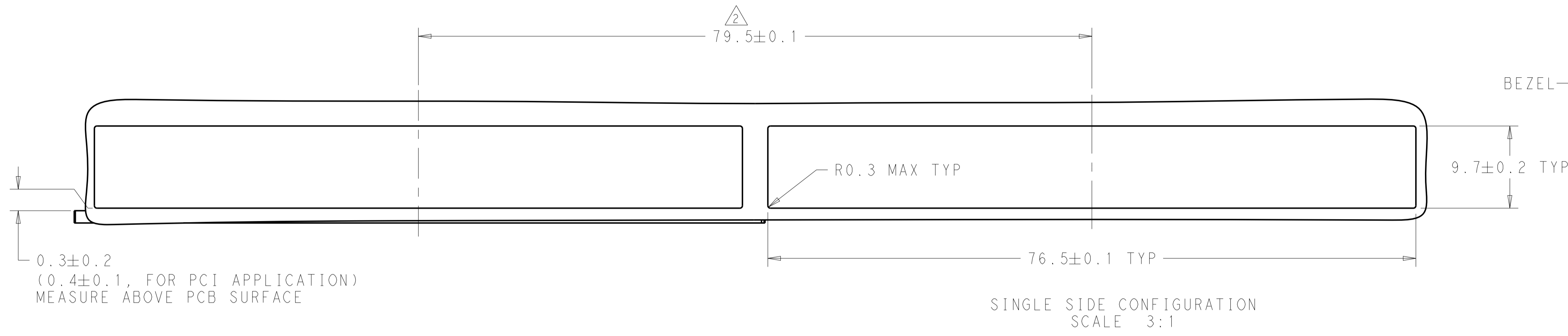
RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28

Customer Drawing

SCALE 5:1 SHEET 1 OF 4 REV A

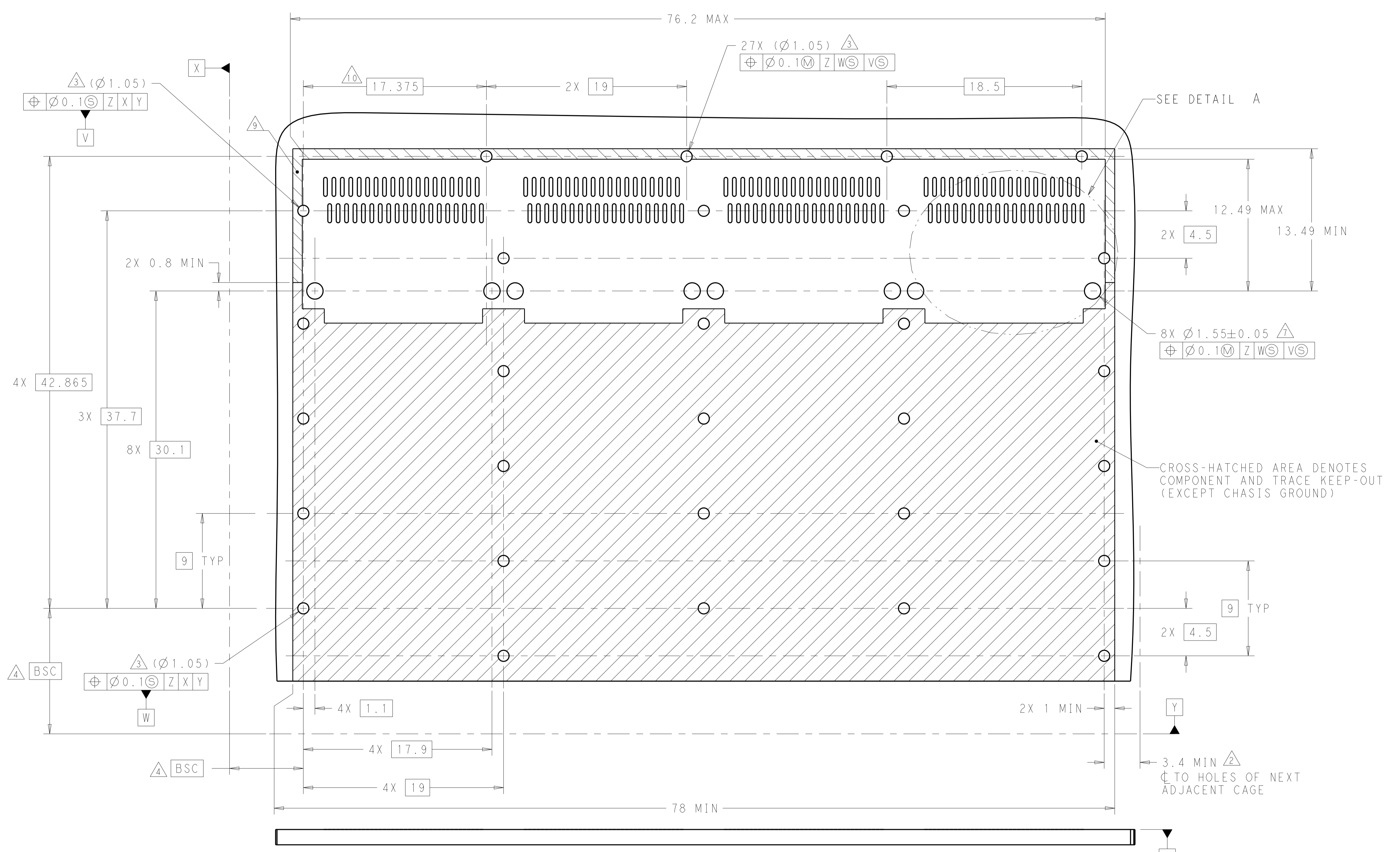
LOC	DIST	REV	DATE	BY	APPV
GP	00				

REVISIONS					
NO.	DESCRIPTION	DATE	BY	APPV	
-	SEE SHEET 1	-	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		OWN: M.E. CONNER 15AUG2012 CHK: R.R. HENRY 16AUG2012 APPV: R.R. HENRY 16AUG2012	NAME: RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.15 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.025 ANGLES ±1	PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2227249
MATERIAL: SEE NOTES	FINISH: SEE NOTES	Customer Drawing	RESTRICTED TO: - SCALE: 4:1 SHEET: 2 OF 4 REV: A

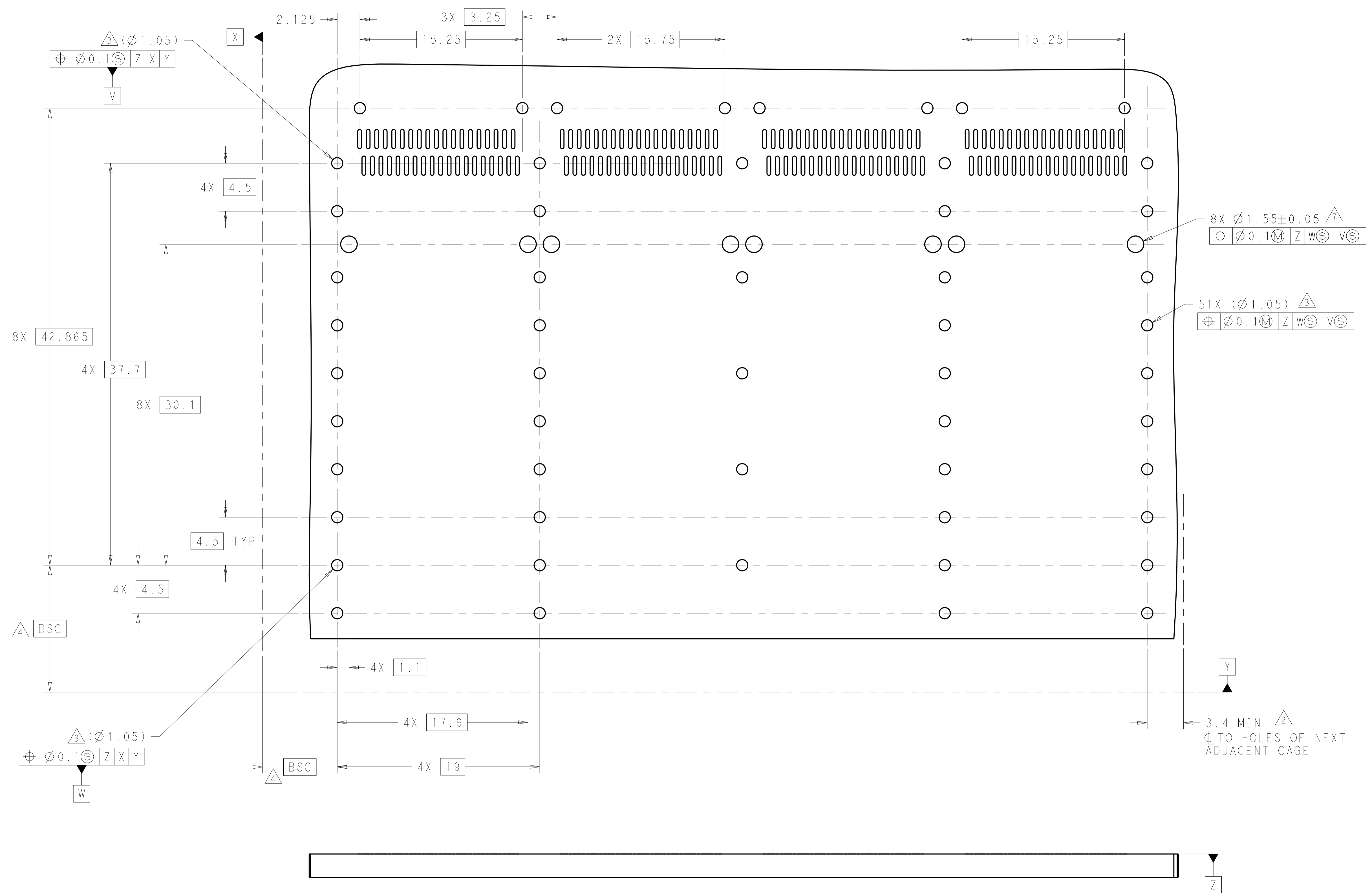
LOC	DIST	REV	DATE	BY	APPV
GP	00				
REVISIONS			DATE	BY	APPV
- SEE SHEET 1			-	-	-



RECOMMENDED PCB LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER: ASME Y14.5M-2009		OWN: M.E. CONNER 15AUG2012	TE Connectivity
DIMENSIONS: mm		CHK: R.R. HENRY 16AUG2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R.R. HENRY 16AUG2012	NAME: RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28
0 PLC	± 0.2	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC	± 0.15	APPLICATION SPEC	RESTRICTED TO
2 PLC	± 0.1		
3 PLC	± 0.05		
4 PLC	± 0.025		
ANGLES	± 0.1		
MATERIAL: SEE NOTES	FINISH: SEE NOTES	WEIGHT: -	A100779C=2227249
		Customer Drawing	SCALE 4:1 SHEET 3 OF 4 REV A

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



RECOMMENDED PCB LAYOUT
 BELLY TO BELLY CONFIGURATION
 SEE SINGLE SIDE MOUNT CONFIGURATION
 FOR COMPONENT AND TRACE KEEP-OUT
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN: M.E. CONNER 15AUG2012 CHK: R.R. HENRY 16AUG2012 APVD: R.R. HENRY 16AUG2012	NAME: RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.2 1 PLC ± 0.15 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± 0.025 ANGLES ± 0.1	PRODUCT SPEC: APPLICATION SPEC:	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2227249
MATERIAL: SEE NOTES	FINISH: SEE NOTES	WEIGHT: - Customer Drawing	RESTRICTED TO: - SCALE: 4:1 SHEET: 4 OF 4 REV: A

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