



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

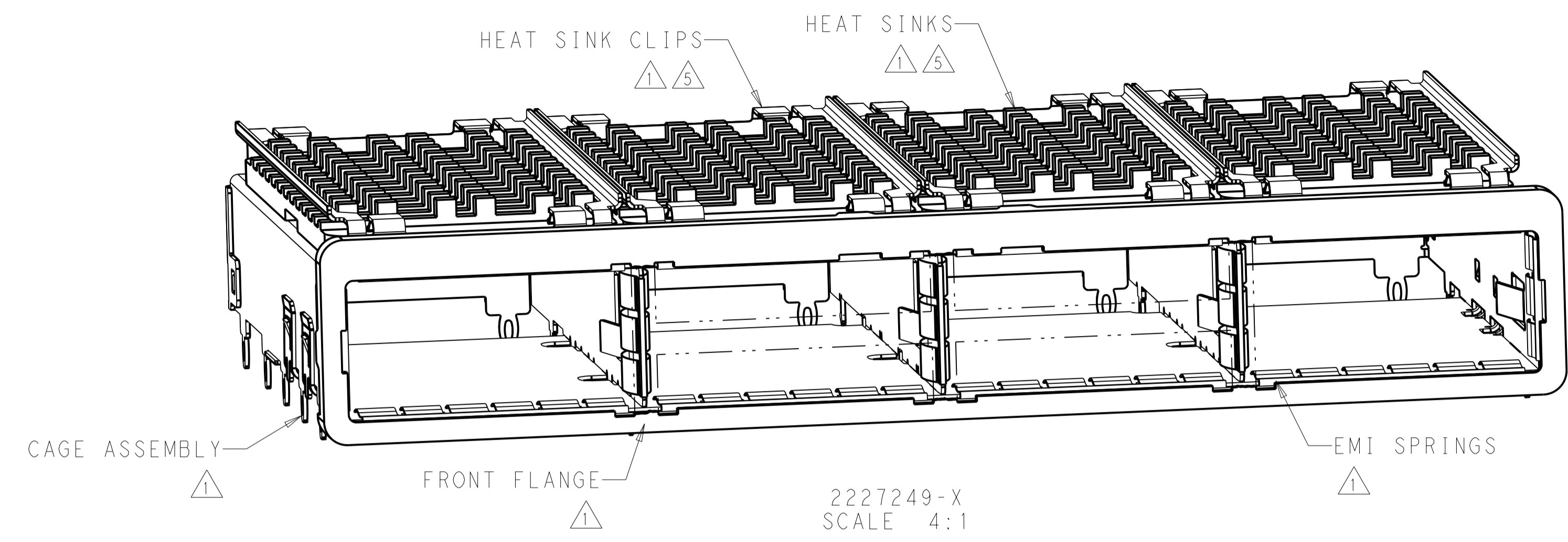
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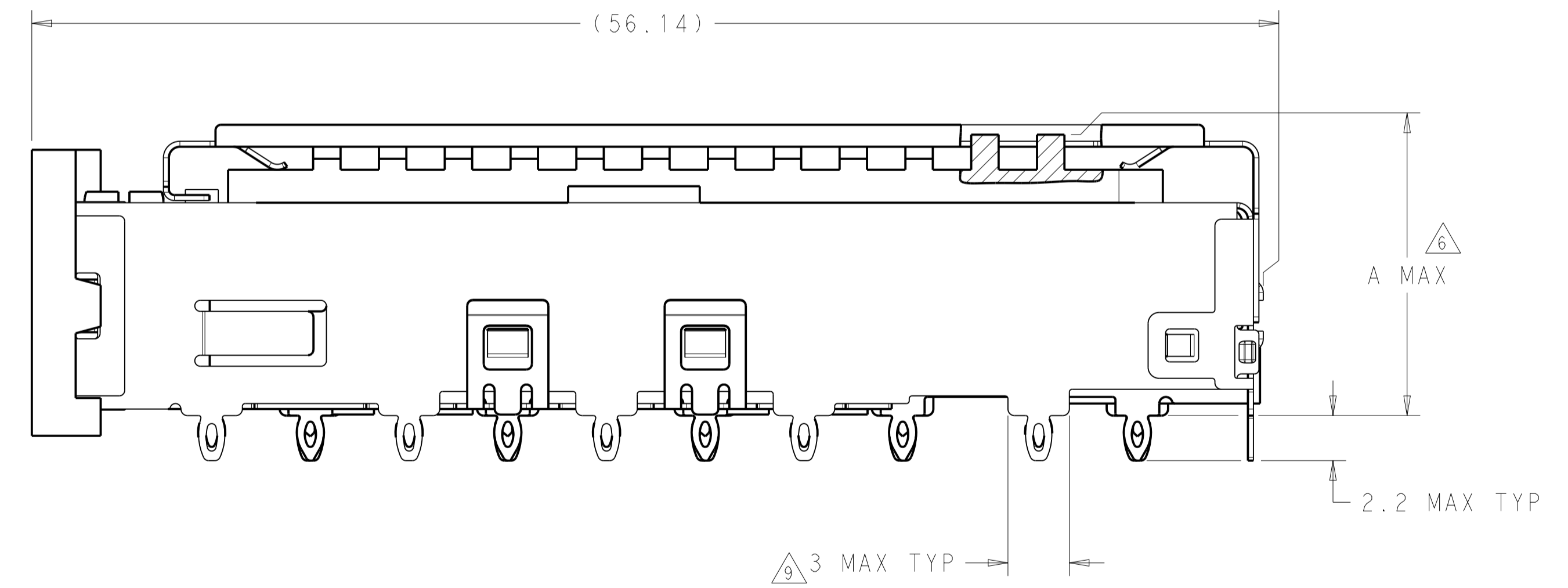
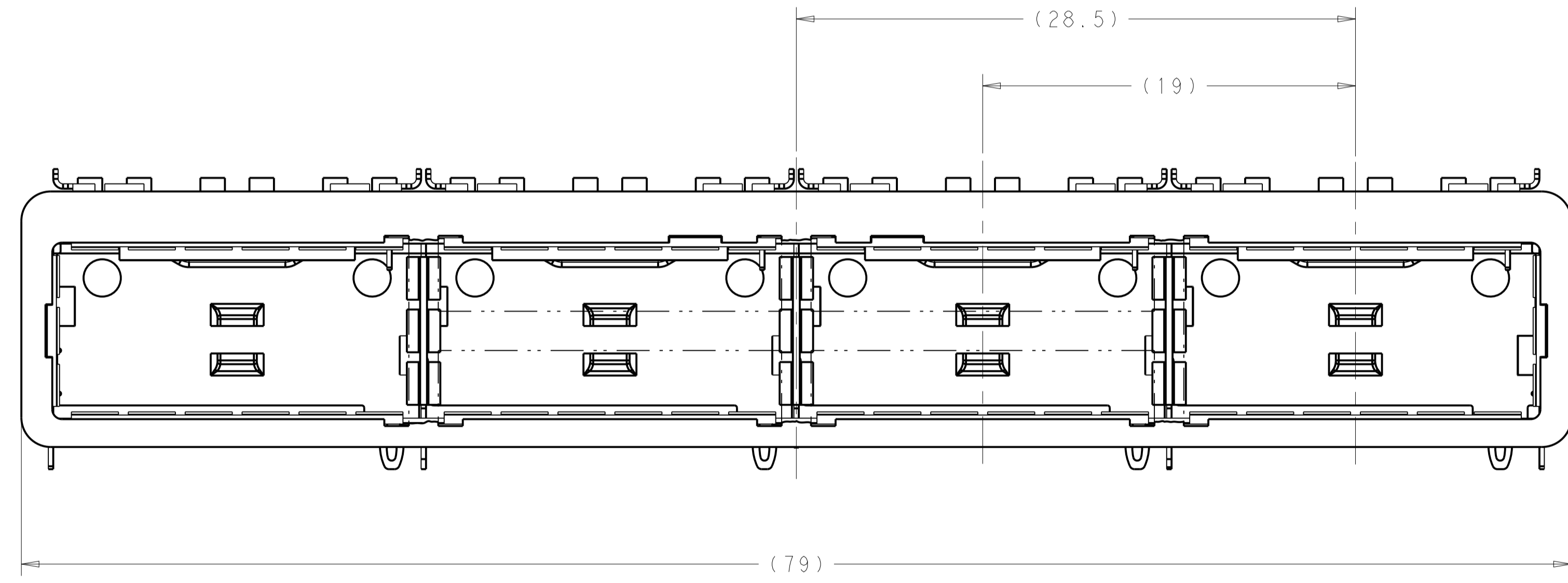
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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 (YYWW) 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.

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

MATERIAL: SEE NOTES
 FINISH: SEE NOTES

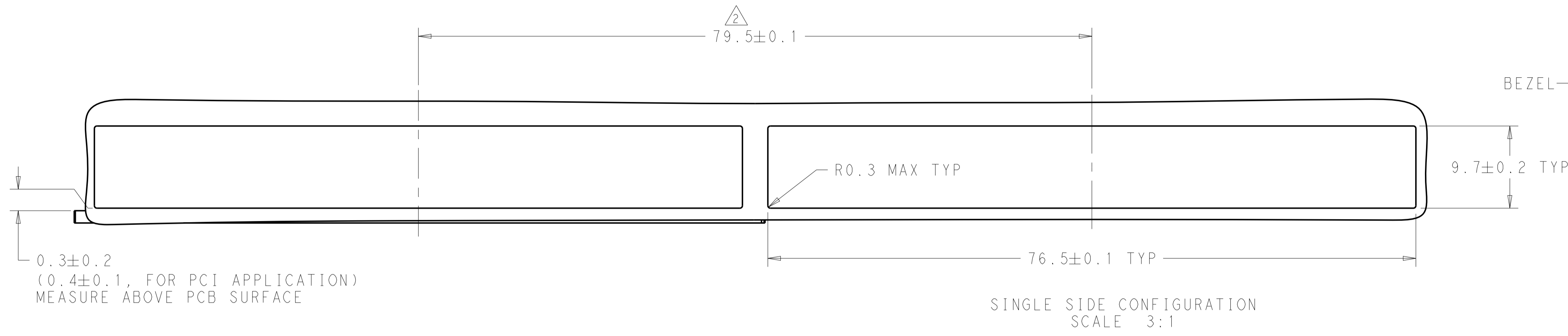
DWG: M.E. CONNER 15AUG2012
 CHK: R.R. HENRY 16AUG2012
 APVD: R.R. HENRY 16AUG2012

NAME: RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28
 SIZE: CAGE CODE DRAWING NO: A100779
 WEIGHT: -
 SCALE: 5:1
 SHEET 1 OF 4
 REV A

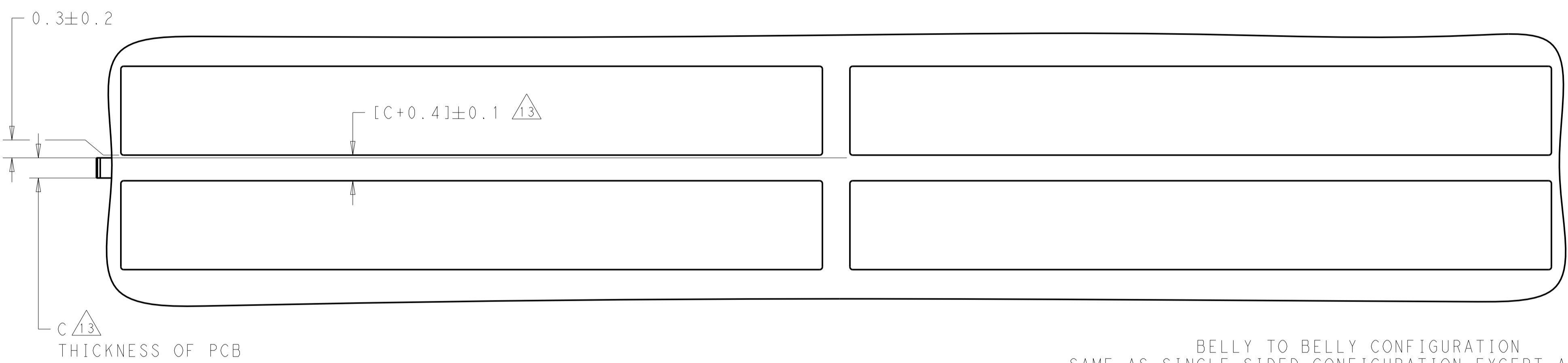
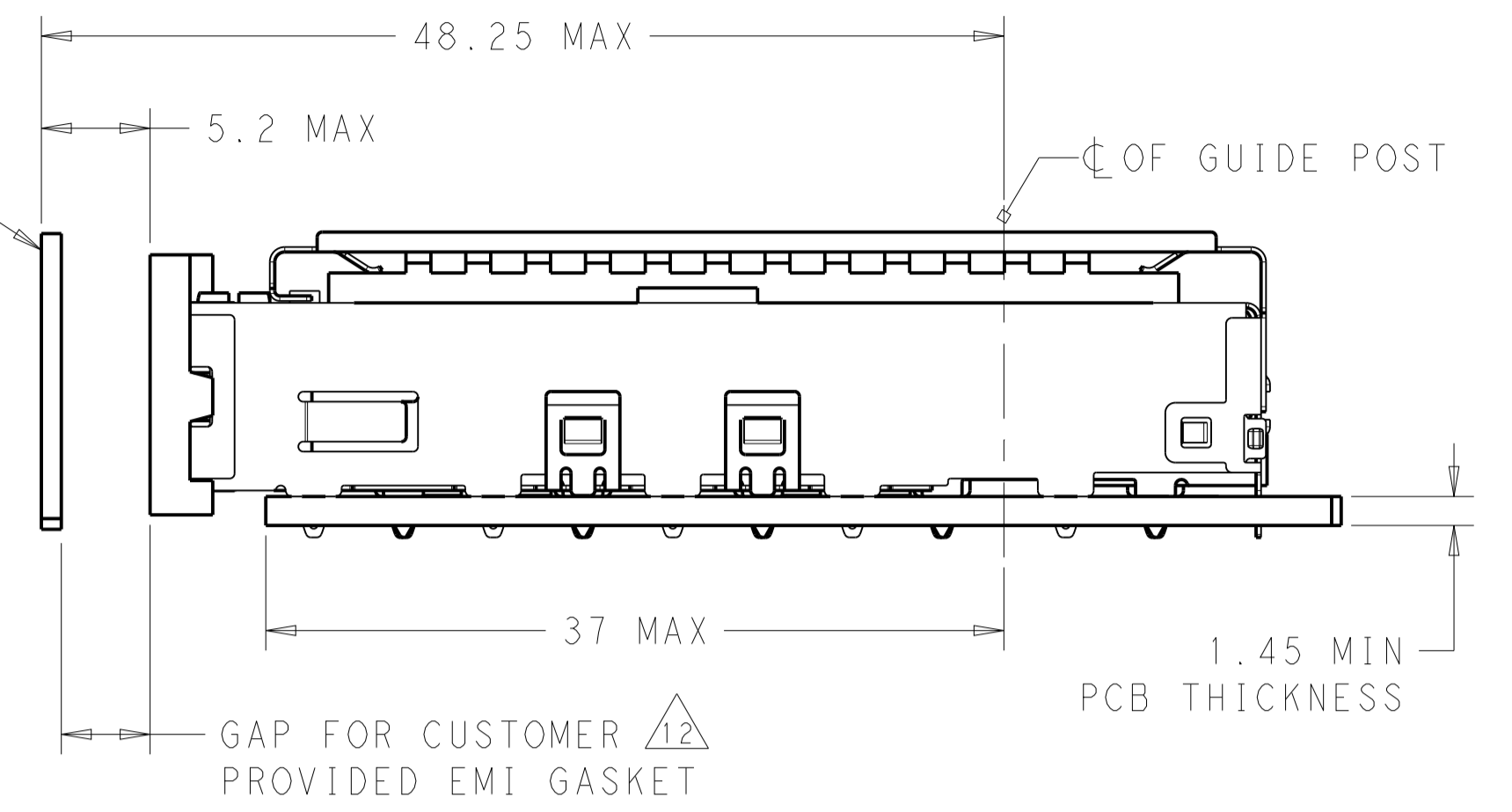
CUSTOMER DRAWING
 SCALE: 5:1
 SHEET 1 OF 4
 REV A

LOC	DIST	REV	DATE	BY	APPV
GP	00				

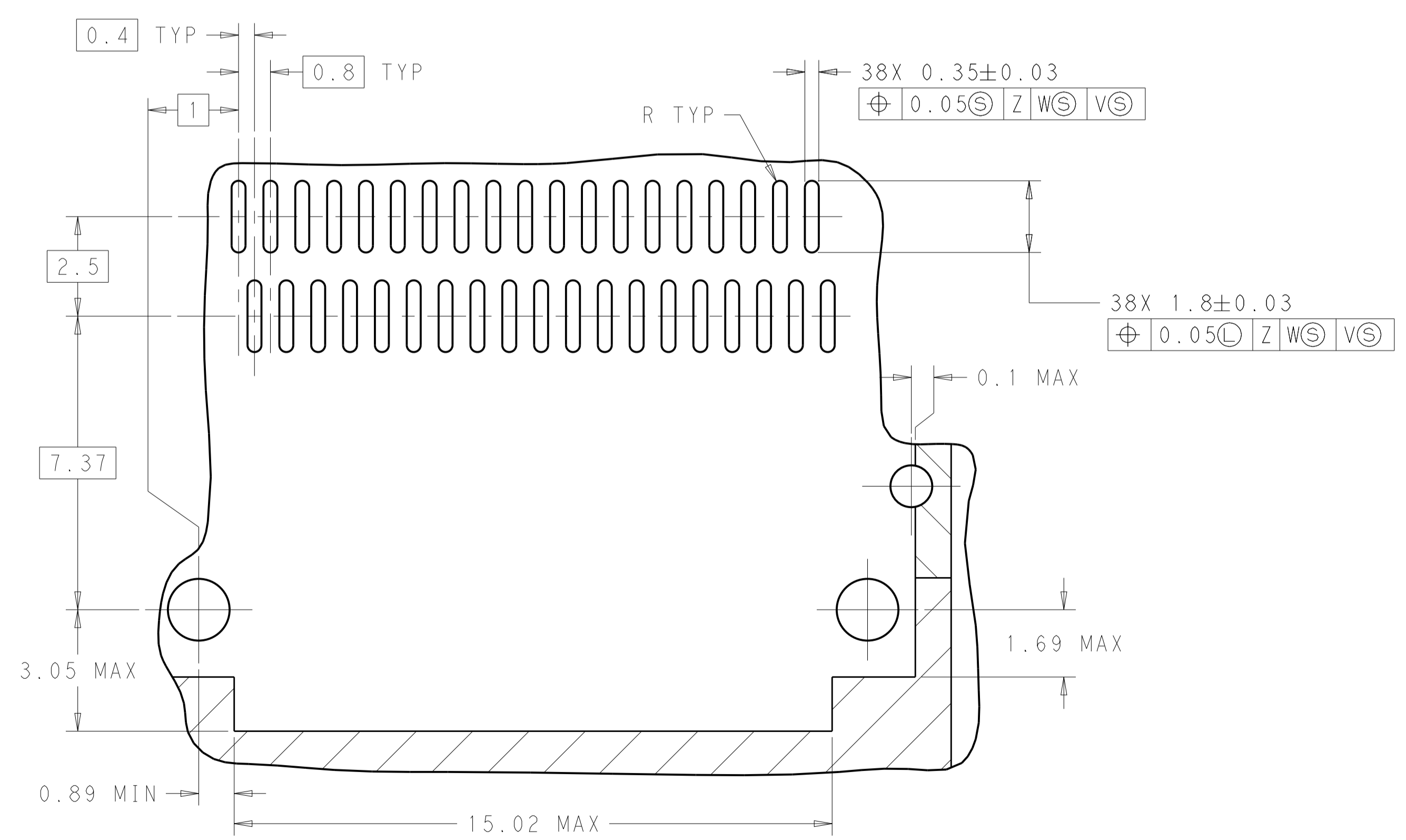
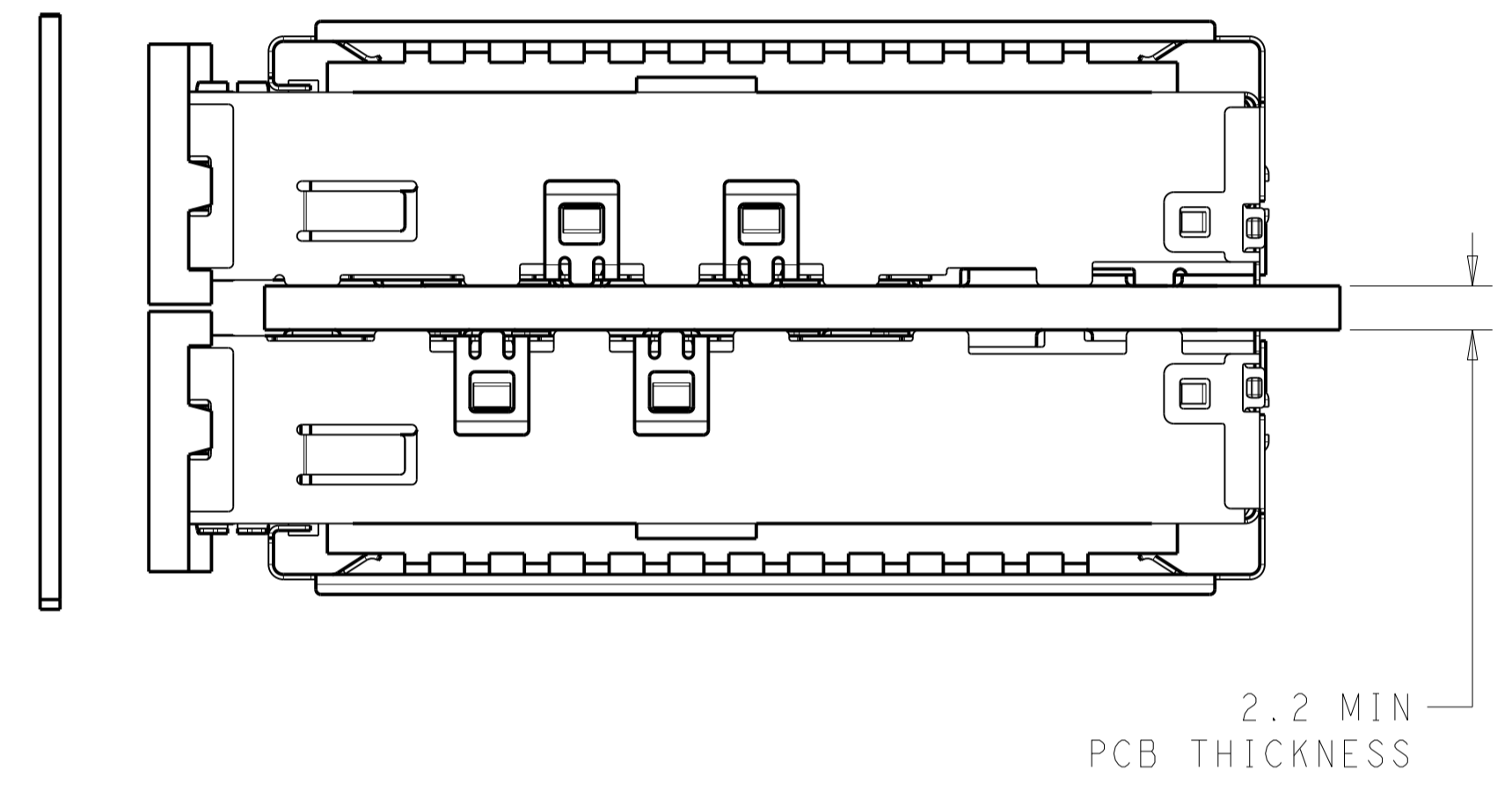
REVISIONS					
NO.	DATE	DESCRIPTION	BY	APPV	DATE
-	-	SEE SHEET 1	-	-	-



SINGLE SIDE CONFIGURATION
 SCALE 3:1



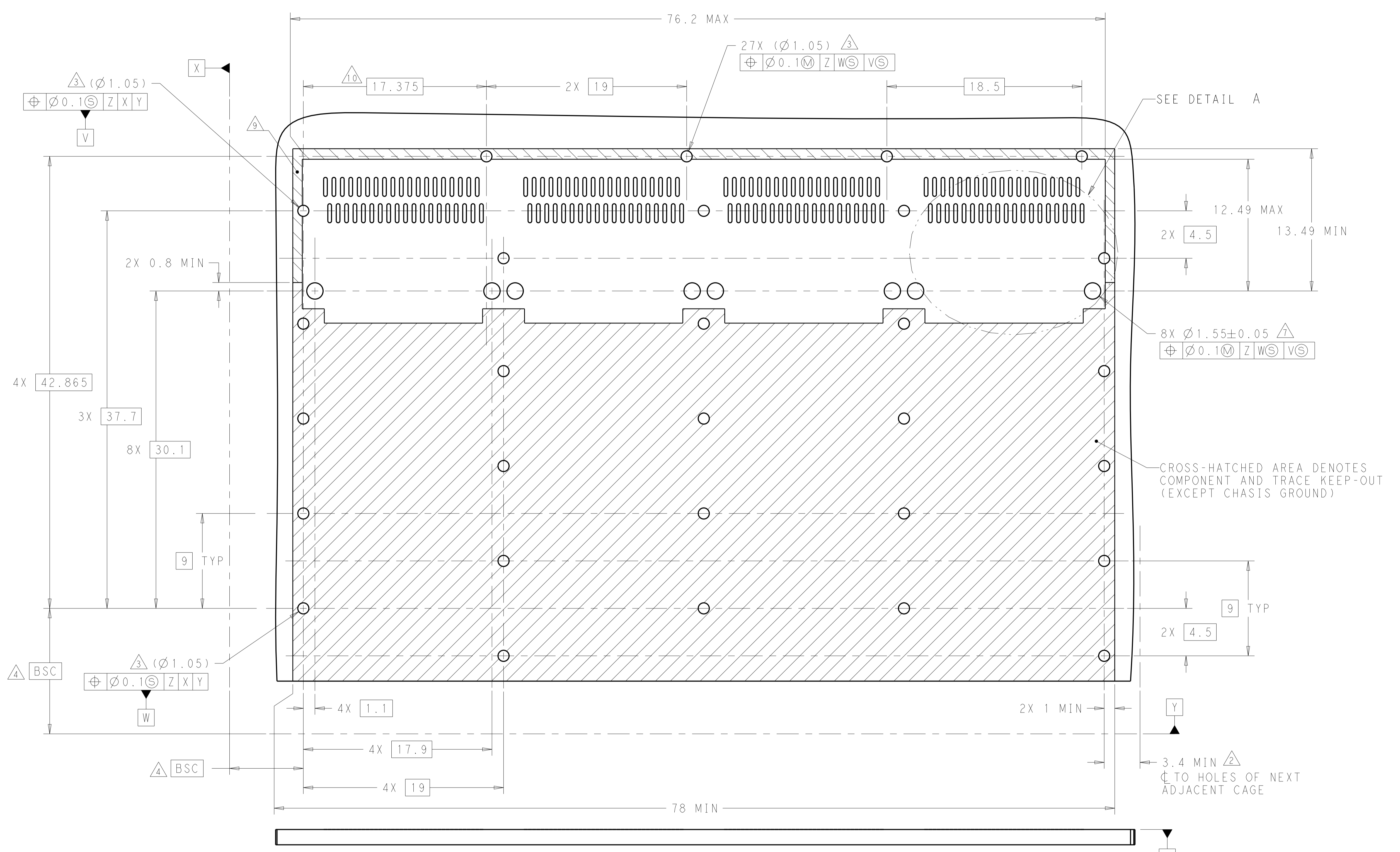
BELLY TO BELLY CONFIGURATION
 SAME AS SINGLE SIDED CONFIGURATION EXCEPT AS SHOWN
 SCALE 3:1



DETAIL A
 4X INDIVIDUALLY
 APPLIES TO BOTH SINGLE SIDE MOUNT
 AND BELLY TO BELLY CONFIGURATION
 SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		OWN: M.E. CONNER 15AUG2012 CHK: R.R. HENRY 16AUG2012 APVD: R.R. HENRY 16AUG2012	TE Connectivity 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: Customer Drawing	
MATERIAL: SEE NOTES	FINISH: SEE NOTES	SCALE: 4:1	SHEET: 2 OF 4 REV: A

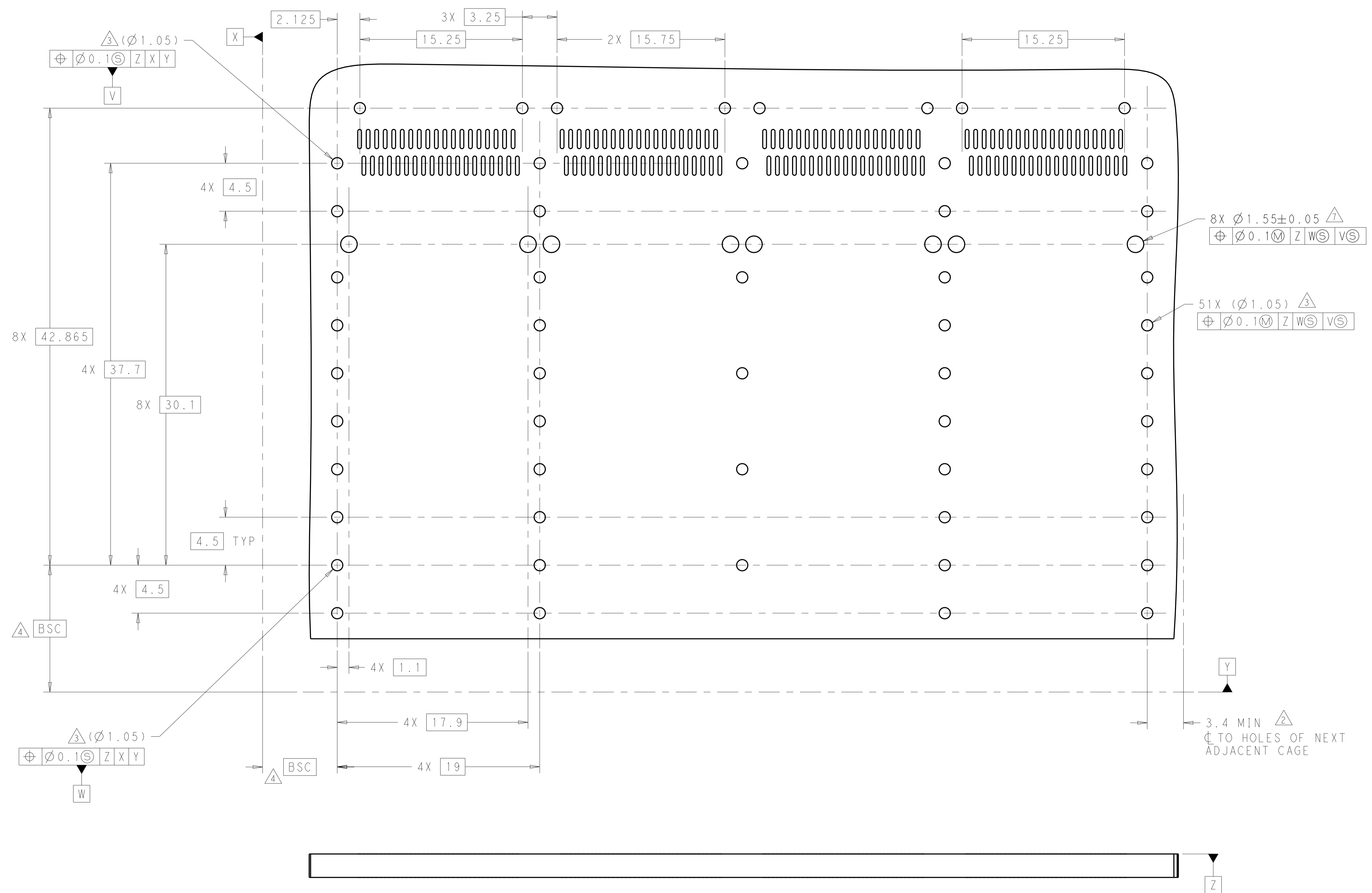
LOC	DIST	REV	DATE	BY	APPV
GP	00				
SEE SHEET 1					



RECOMMENDED PCB LAYOUT
 SINGLE SIDE MOUNT CONFIGURATION
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER: ASME Y14.5M-2009		DWN: M.E. CONNER 15AUG2012 CHK: R.R. HENRY 16AUG2012 APVD: R.R. HENRY 16AUG2012	STE TE Connectivity NAME: RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28 PRODUCT SPEC: APPLICATION SPEC:
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	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2227249 WEIGHT: - FINISH: SEE NOTES	
MATERIAL: SEE NOTES		Customer Drawing	RESTRICTED TO: - SCALE: 4:1 SHEET 3 OF 4 REV A

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	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.		DMN: M.E. CONNER 15AUG2012 CHK: R.R. HENRY 16AUG2012 APVD: R.R. HENRY 16AUG2012	TE Connectivity NAME: RECEPTACLE ASSEMBLY WITH HEAT SINKS, BEHIND BEZEL, 1X4, QSFP28 PRODUCT SPEC: - APPLICATION SPEC: -	
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	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2227249 WEIGHT: - FINISH: - MATERIAL: SEE NOTES CUSTOMER DRAWING		
SCALE: 4:1		SHEET: 4	OF: 4	REV: A