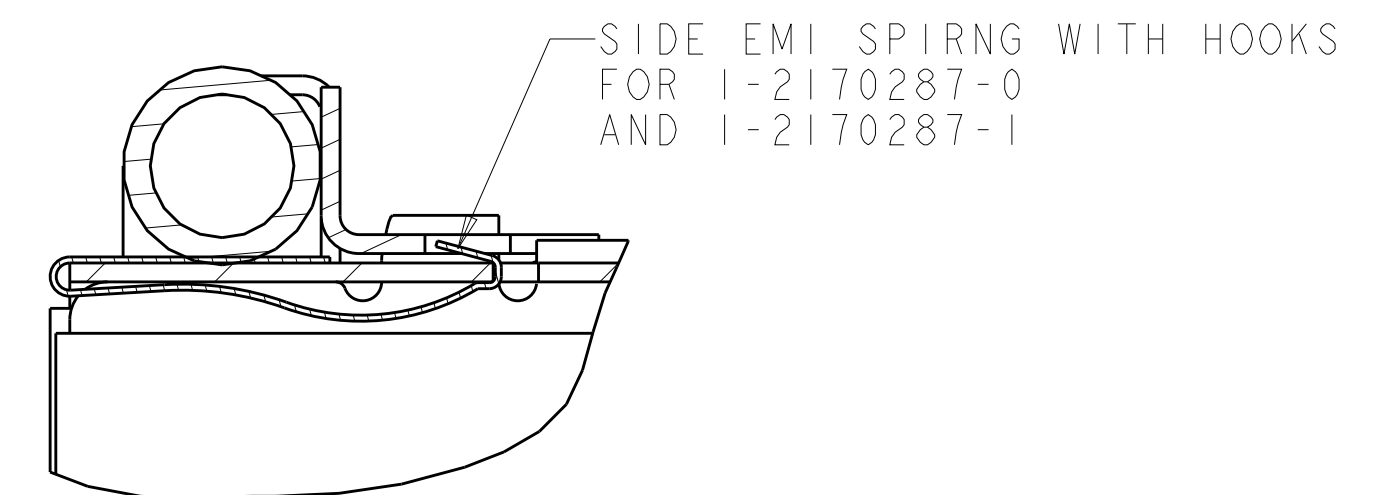
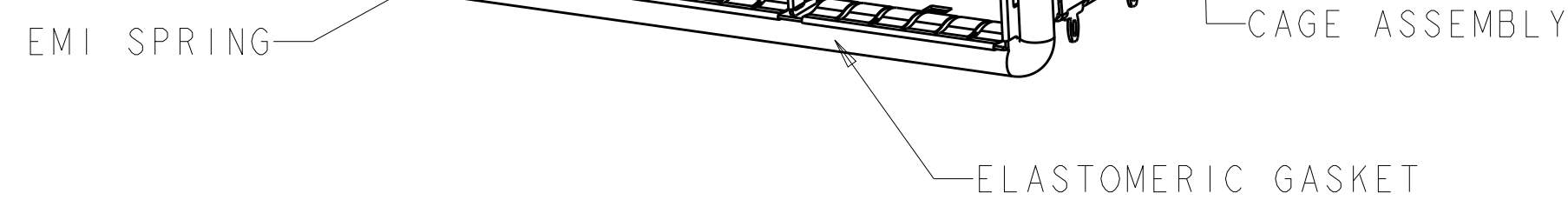




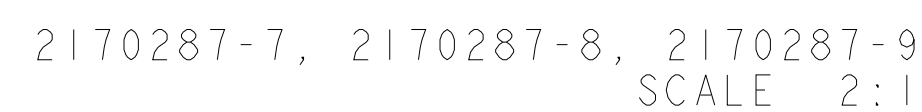
11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
12. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL A, CONTACT PC BOARD.
13. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
14. DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.
15. REFERENCE APP SPEC 114-13217 FOR GASKET THICKNESS CALCULATION.
16. EMI SPRING FINISH: TIN PLATING OVER NICKEL
HEAT SINK FINISH: ANODIZED OR NICKEL PLATING.



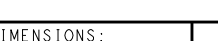
SECTION B-B
SCALE 10:1



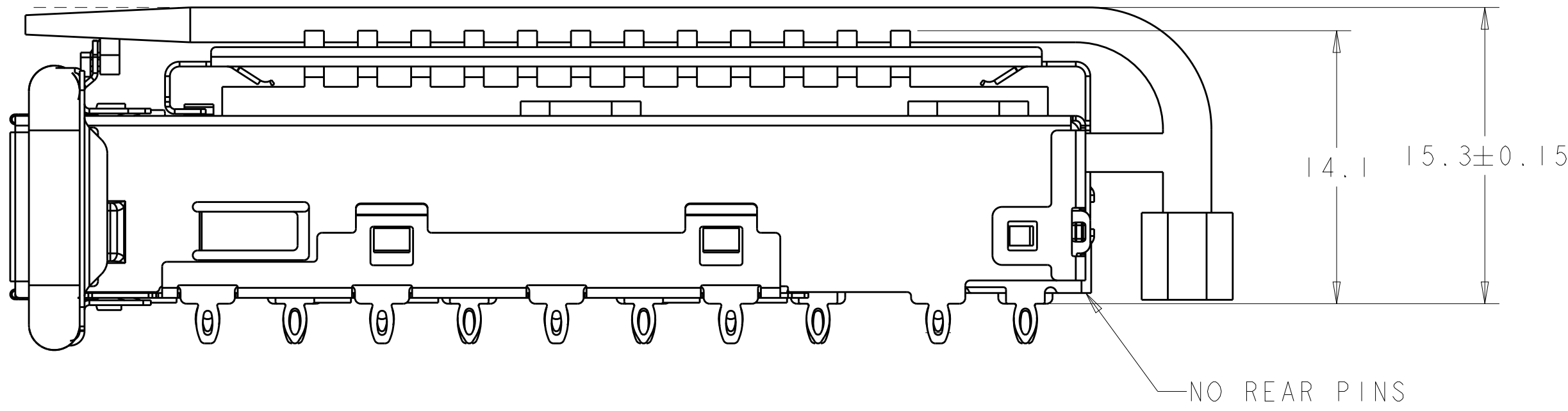
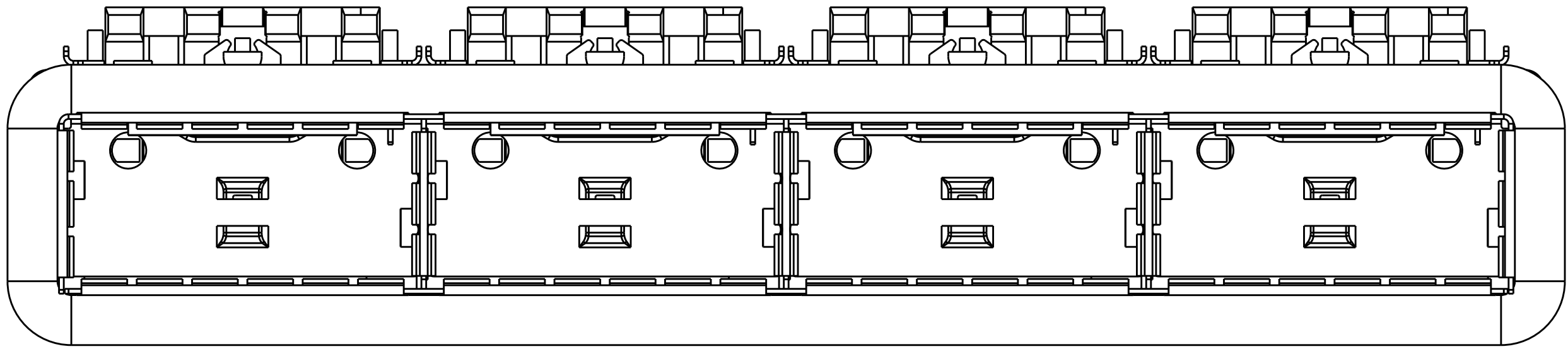
2170287-1, 2170287-2, 2170287-3
SCALE 2:1



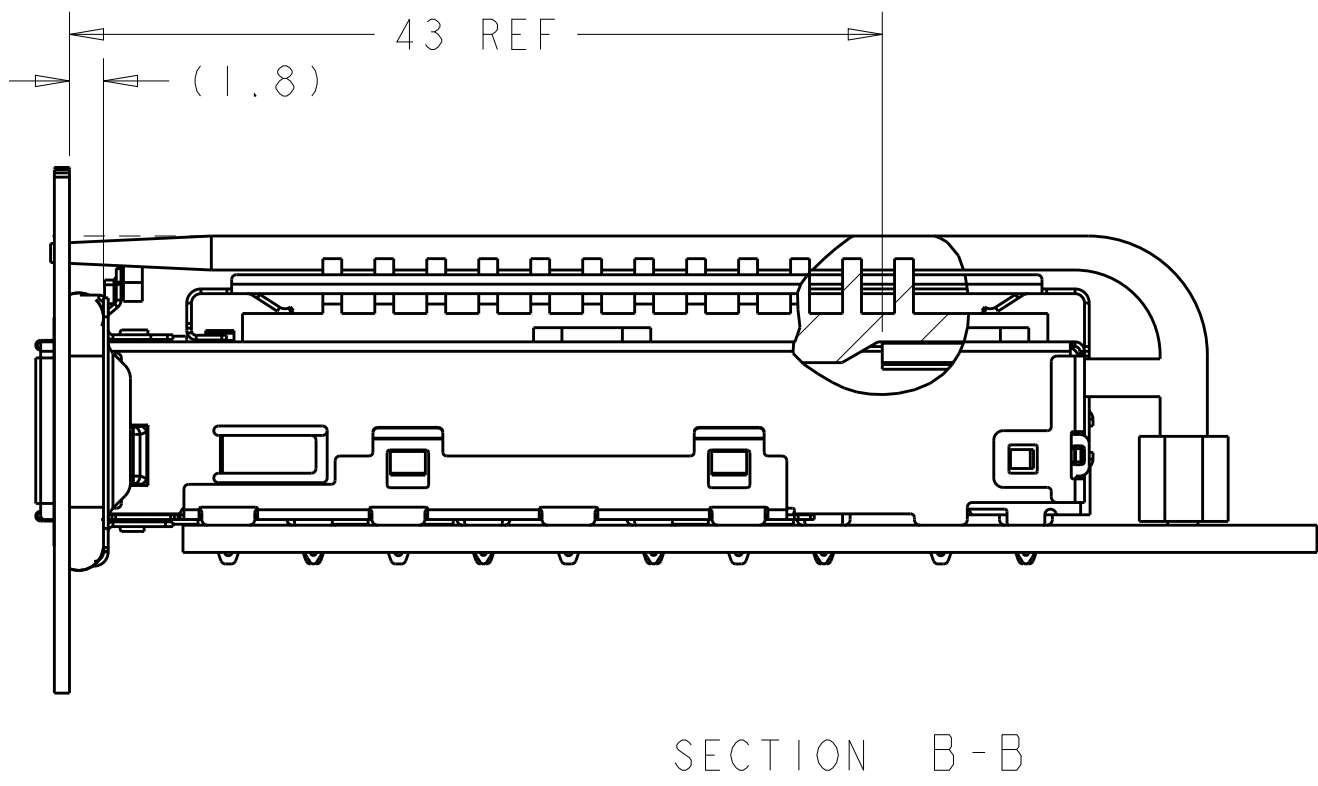
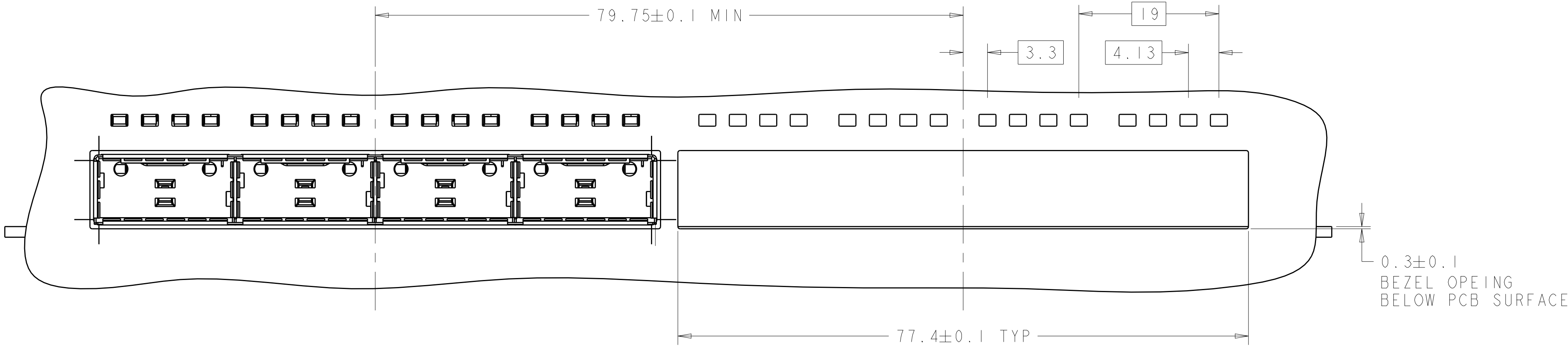
13.7	PCI(FIN TYPE)	1-2170287-1
15.0	CUSTOMIZED HEAT SINK	1-2170287-0
23.0	NETWORKING(FIN TYPE)	2170287-9
16.0	SAN(FIN TYPE)	2170287-8
13.7	PCI(FIN TYPE)	2170287-7
23.0	NETWORKING(FIN TYPE)	2170287-6
16.0	SAN(FIN TYPE)	2170287-5
13.7	PCI(FIN TYPE)	2170287-4
23.0	NETWORKING(PIN TYPE)	2170287-3
16.0	SAN(PIN TYPE)	2170287-2
13.7	PCI(PIN TYPE)	2170287-1
B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 29FLB2012 KINSEN SUN CHR 29FLB2012 DENNY ZHU APVD 29FLB2012 ALEX CAI		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.35 2 PLC ±0.25 3 PLC ±.35 4 PLC ±.35 ANGLES ±.		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
MATERIAL FINISH  		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217		SIZE CAGE CODE DRAWING NO A100779 C-2170287	
		WEIGHT -		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 8 REV A	

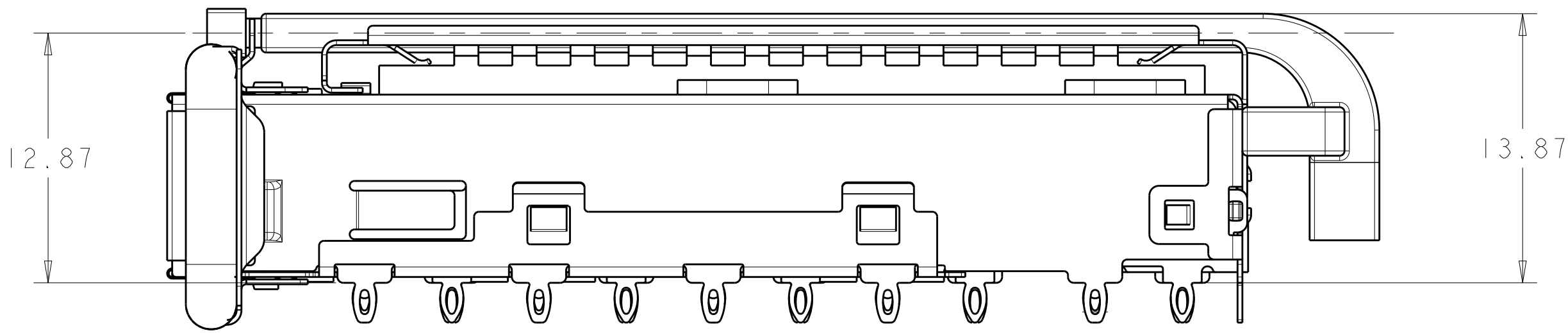
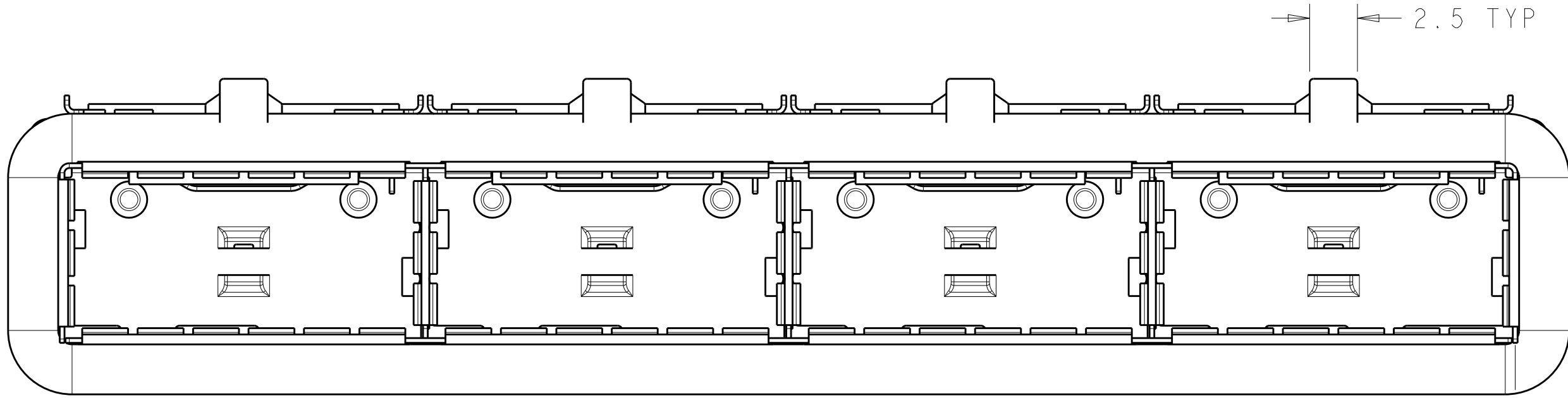
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



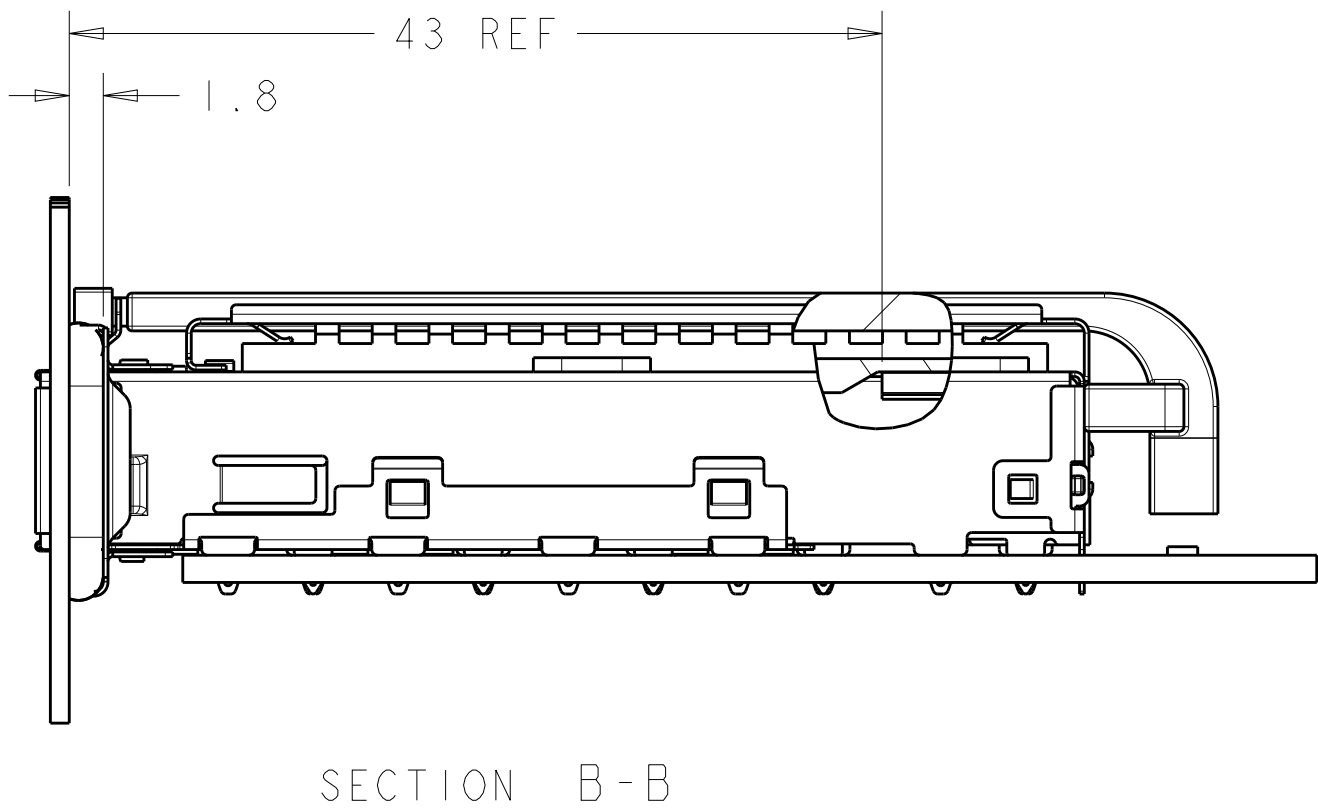
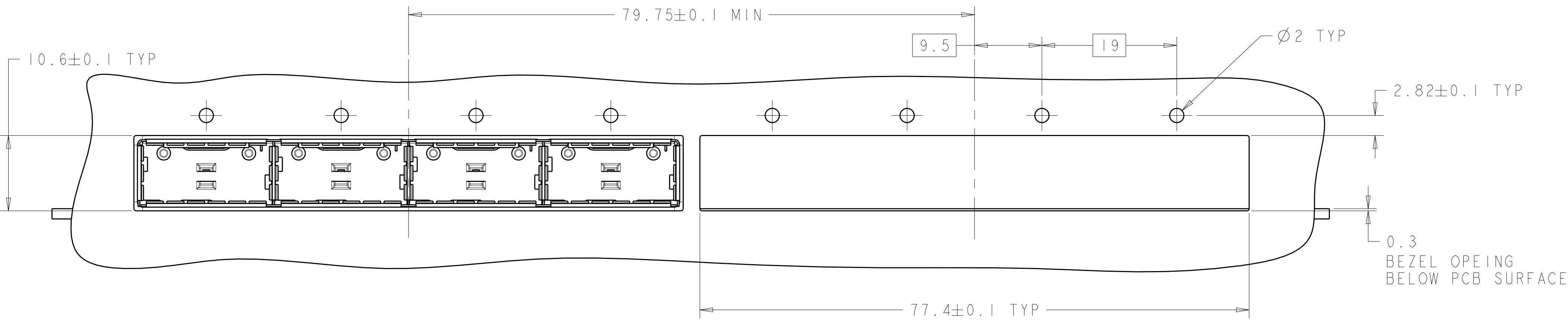
1-2170287-0 shown
SCALE 4:1



1-2170287-0
ONE SIDED CONFIGURATION
SCALE 5:2



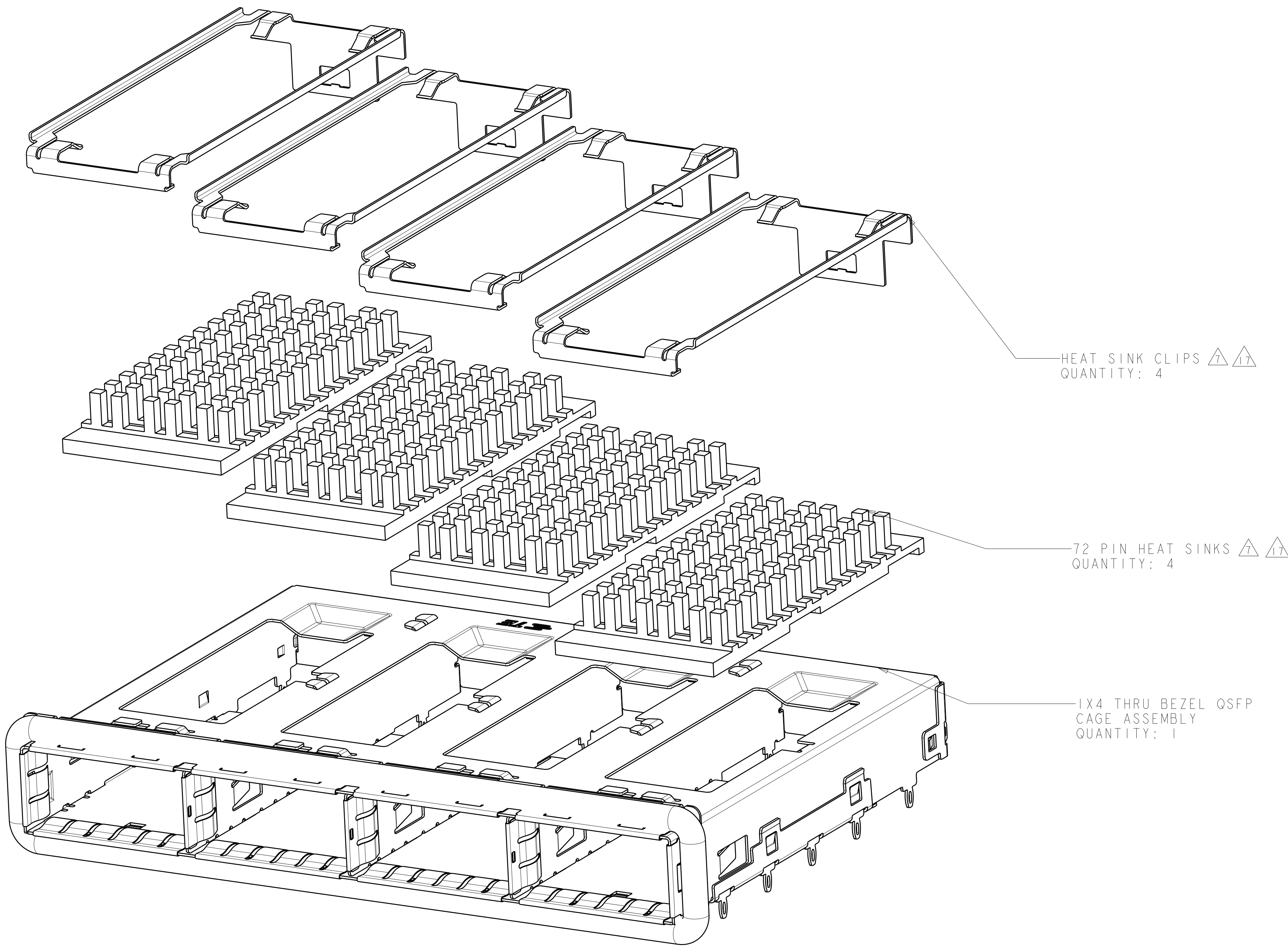
1-2170287-1 SHOWN
SCALE 4:1



1-2170287-1
ONE SIDED CONFIGURATION
SCALE 5:2

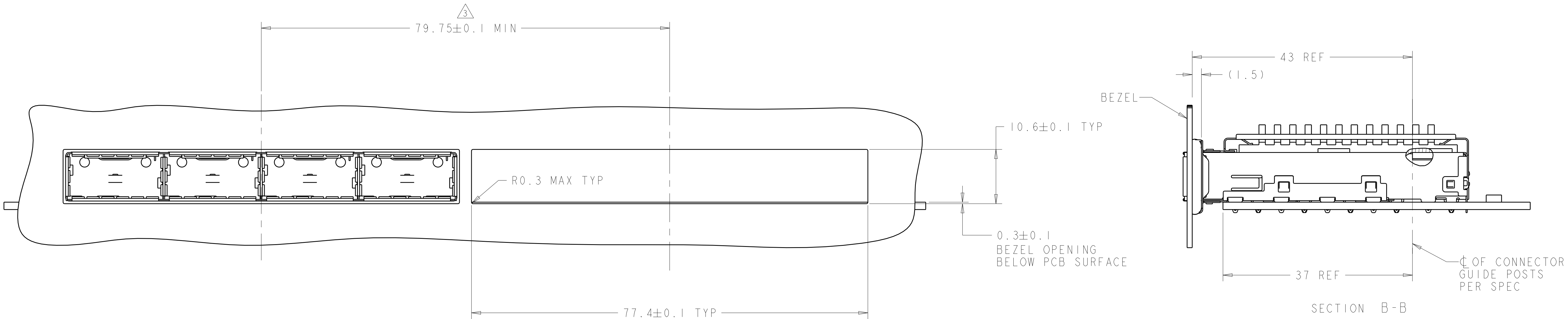
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 29FEB2012	TE Connectivity	
DIMENSIONS:		CHK DENNY ZHU 29FEB2012		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 29FEB2012	NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
	0 PLC ±	PRODUCT SPEC	SIZE	
	1 PLC ±0.35	108-2286	CAGE CODE	
	2 PLC ±0.25	APPLICATION SPEC	DRAWING NO	
	3 PLC ±	114-13217	A100779C=2170287	
MATERIAL	ANGLES ±	WEIGHT	RESTRICTED TO	
	FINISH	-	-	
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 8	REV A

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

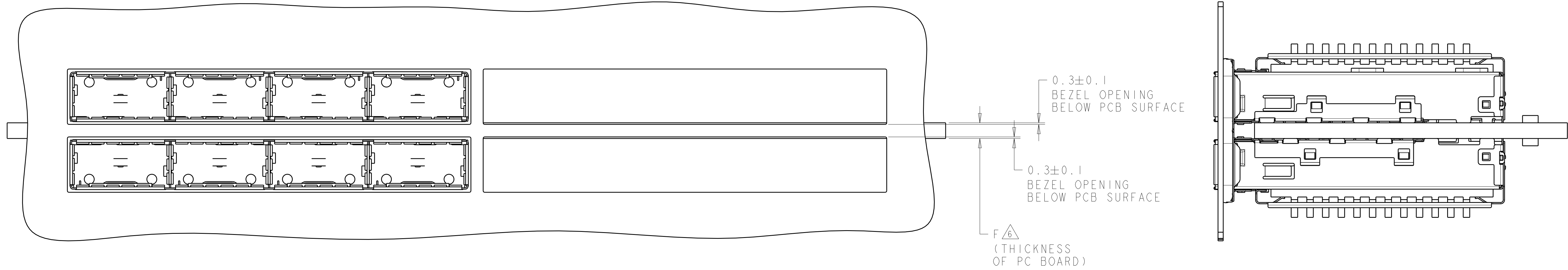


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	KINSEN SUN	29FEB2012	 TE Connectivity			
				CHK	DENNY ZHU	29FEB2012				
				APVD	AILEX CAI	29FEB2012	NAME			
DIMENSIONS: mm				TOLERANCES, UNLESS OTHERWISE SPECIFIED:			1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP			
				P LNC ± .010 2 P LNC ± .0025 3 P LNC ± .010 4 P LNC ± .010 ANGLES ± .1°						
				FINISH			RESTRICTED TO			
MATERIAL				WEIGHT			SIZE CASE CODE DRAWING NO			
-				-			A100779C=2170287			
CUSTOMER DRAWING							SCALE 1:1 SHEET 3 OF 8 REV A			

LOC		DIST		REVISONS			
GP		00		P	LTR	DESCRIPTION	DATE
				-	-	SEE SHEET 1	-

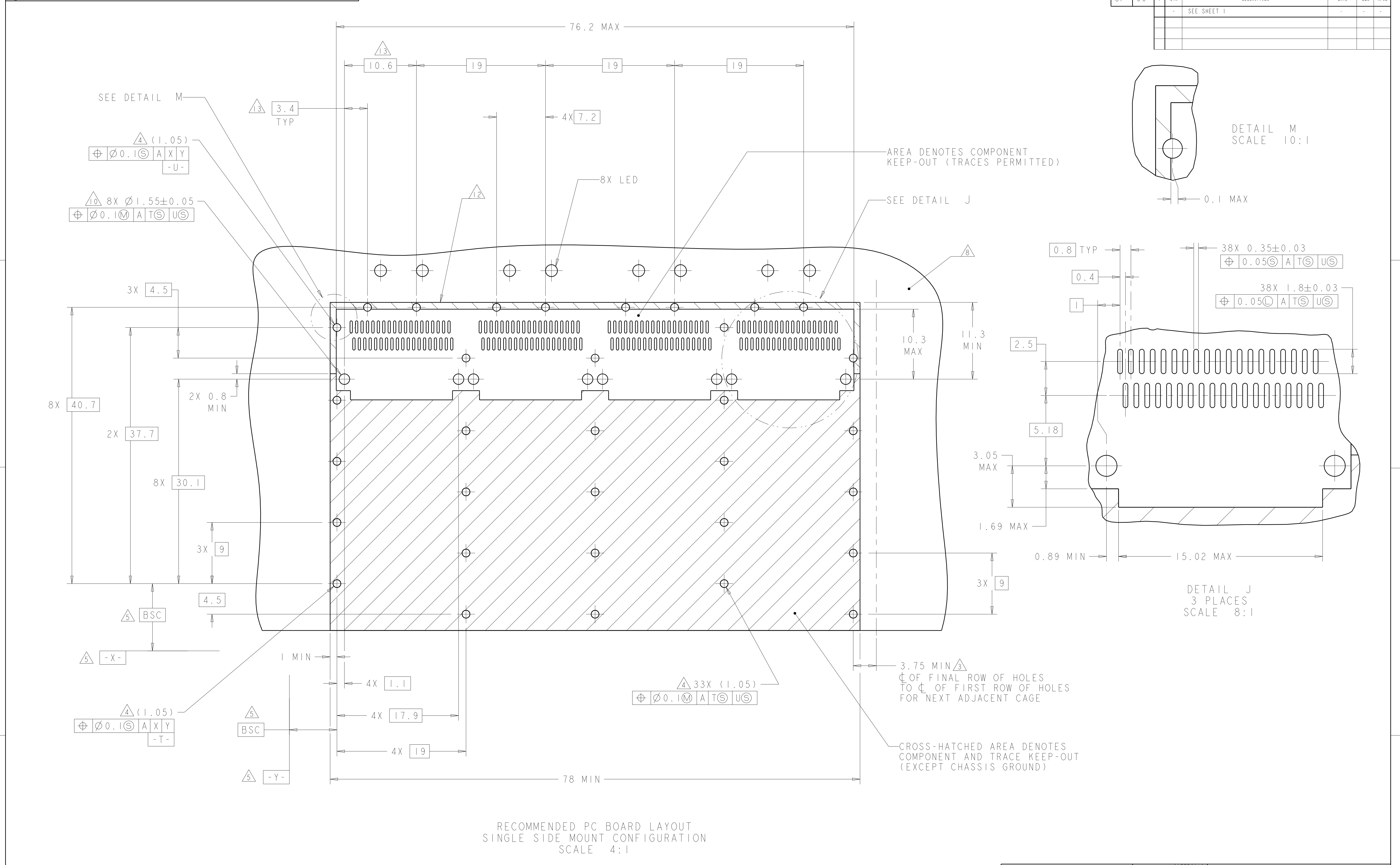


ONE SIDED CONFIGURATION
SCALE 5:2



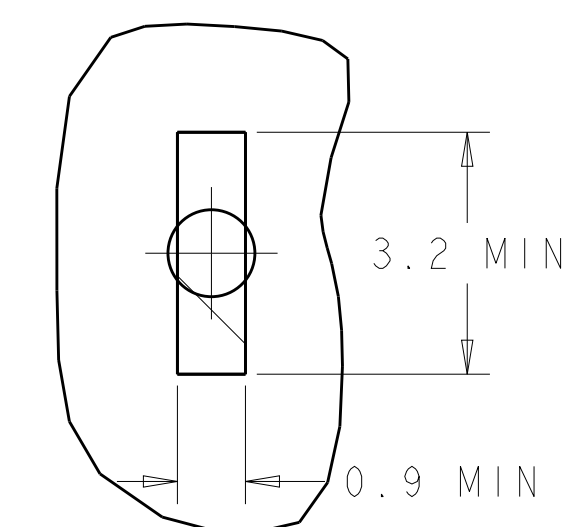
BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ±		PRODUCT SPEC	
		ANGLES FINISH		APPLICATION SPEC	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO	
		CUSTOMER DRAWING		A100779C=2170287	
				RESTRICTED TO	
				SCALE 1:1 SHEET 4 OF 8 REV A	

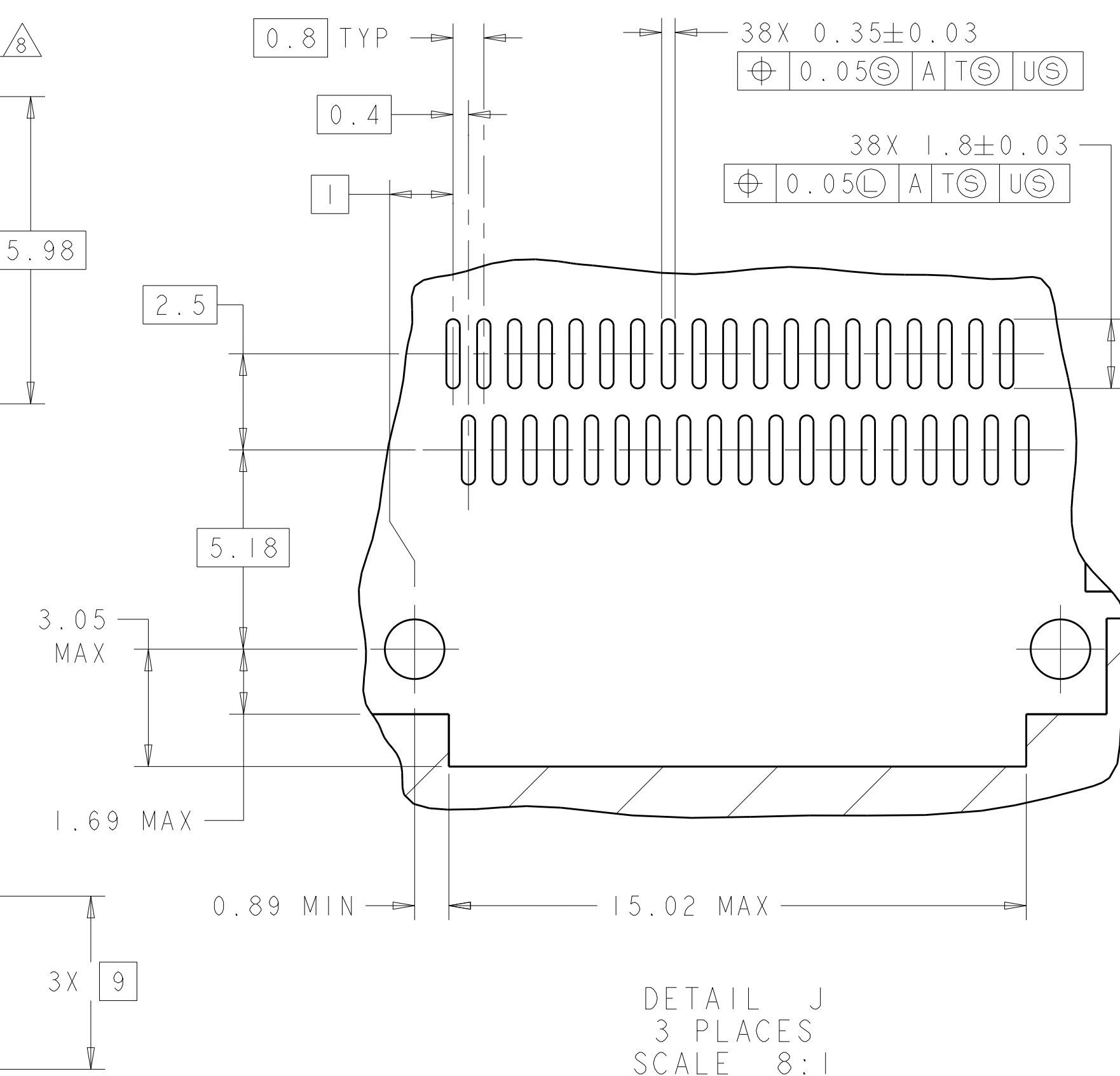


RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN 29FEB2012	 TE Connectivity	
		CHK DENNY ZHU 29FEB2012		
DIMENSIONS: mm		APVD ALEX CAI 29FEB2012		NAME
		PRODUCT SPEC 108-2286		1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP
		APPLICATION SPEC 114-13217		
MATERIAL -	FINISH -	WEIGHT -		SIZE
		CUSTOMER DRAWING		CAGE CODE
				DRAWING NO
		RESTRICTED TO -		A100779C-2170287
		SCALE 1:1		SHEET 5 of 8
				REV A



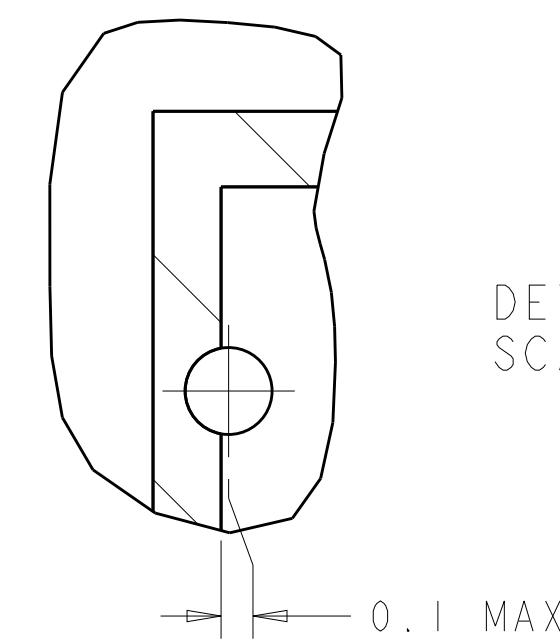
DETAIL M
SCALE 10:1



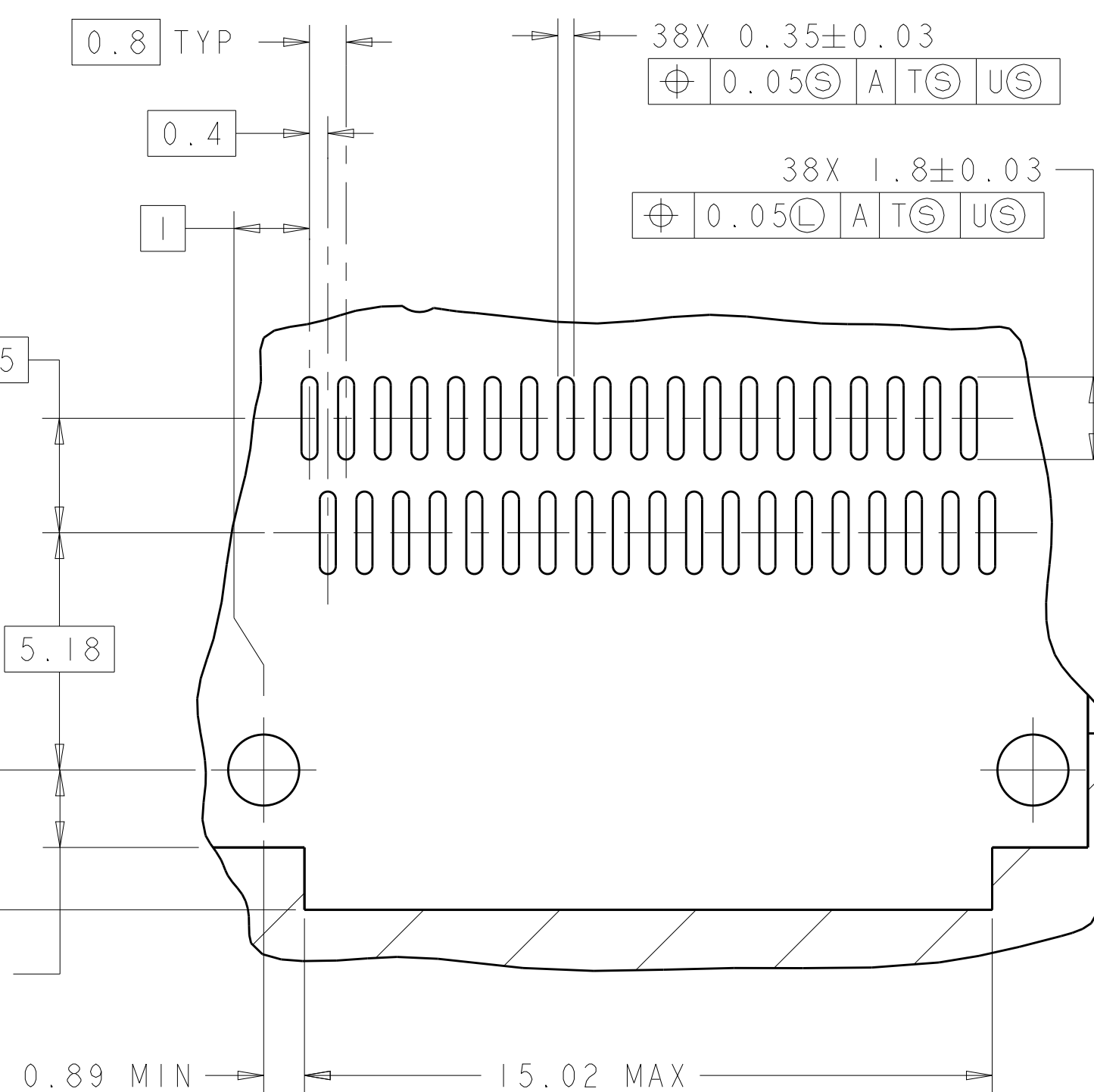
DETAIL J
3 PLACES
SCALE 8:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN	29FEB2012								
		CHK DENNY ZHU	29FEB2012	 TE Connectivity							
DIMENSIONS:		APPROV ALEX CAI		29FEB2012	NAME		IX4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP				
(mm)	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC			APPLICATION SPEC		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
	0 PLC ± 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±	108-2286			114-13217		A1		00779	C=2170287	-
MATERIAL	FINISH	WEIGHT			CUSTOMER DRAWING		SCALE		SHEET	OF	REV
-	-	-					1 : 1		6	8	



DETAIL M
SCALE 10:1



DETAIL J
3 PLACES
SCALE 8:1

— 3.75 MIN $\triangle_3$
 ϕ OF FINAL ROW OF HOLES
 TO ϕ OF FIRST ROW OF HOLES
 FOR NEXT ADJACENT CAGE

—CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN	29FEB2012	 TE Connectivity				
		CHK DENNY ZHU	29FEB2012					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPRV ALEX CAI	NAME			
mm		1 P LCC ± .		PRODUCT SPEC	IX4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSPF			
		2 P LCC ± .00.35		108-2286				
		3 P LCC ± .		APPLICATION SPEC				
		4 P LCC ± .		114-13217				
MATERIAL		FINISH		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-		-		-	A1	00779	©=2170287	-
				CUSTOMER DRAWING	SCALE	1 : 1	SHEET 7 OF 8	REV Δ

4805 (3/11)

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