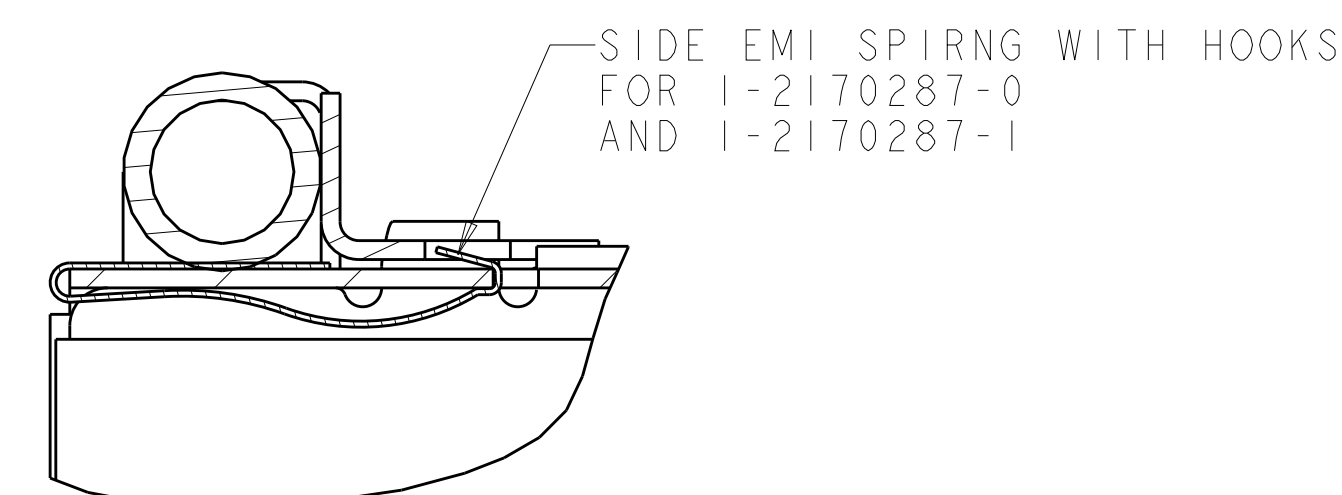
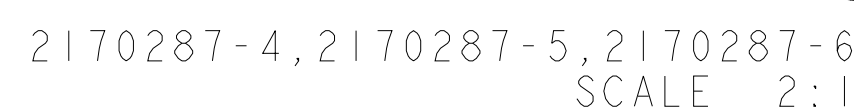
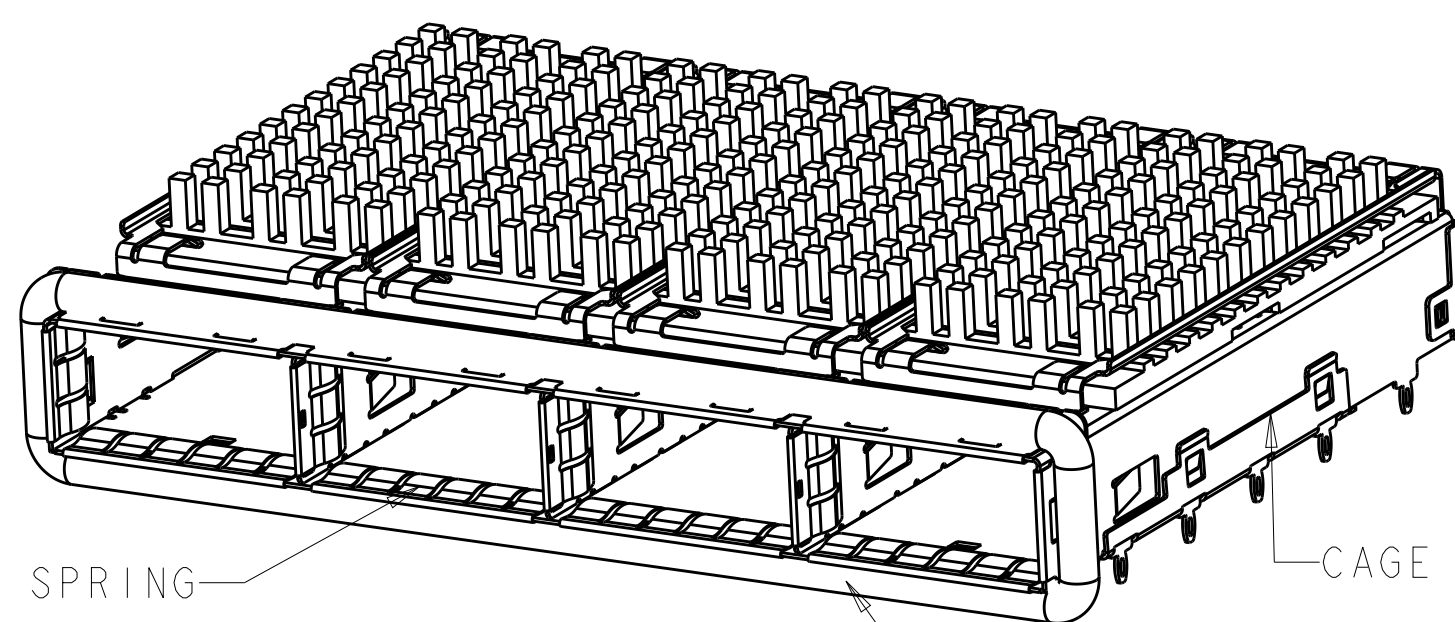
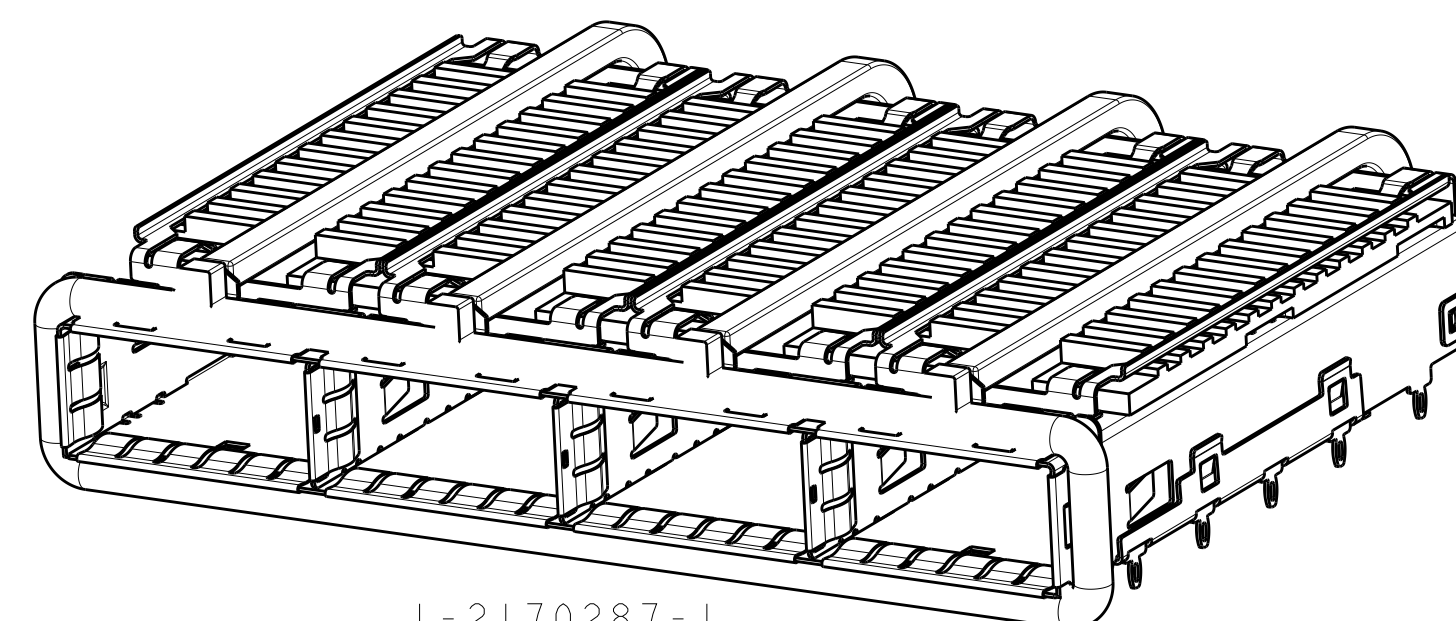
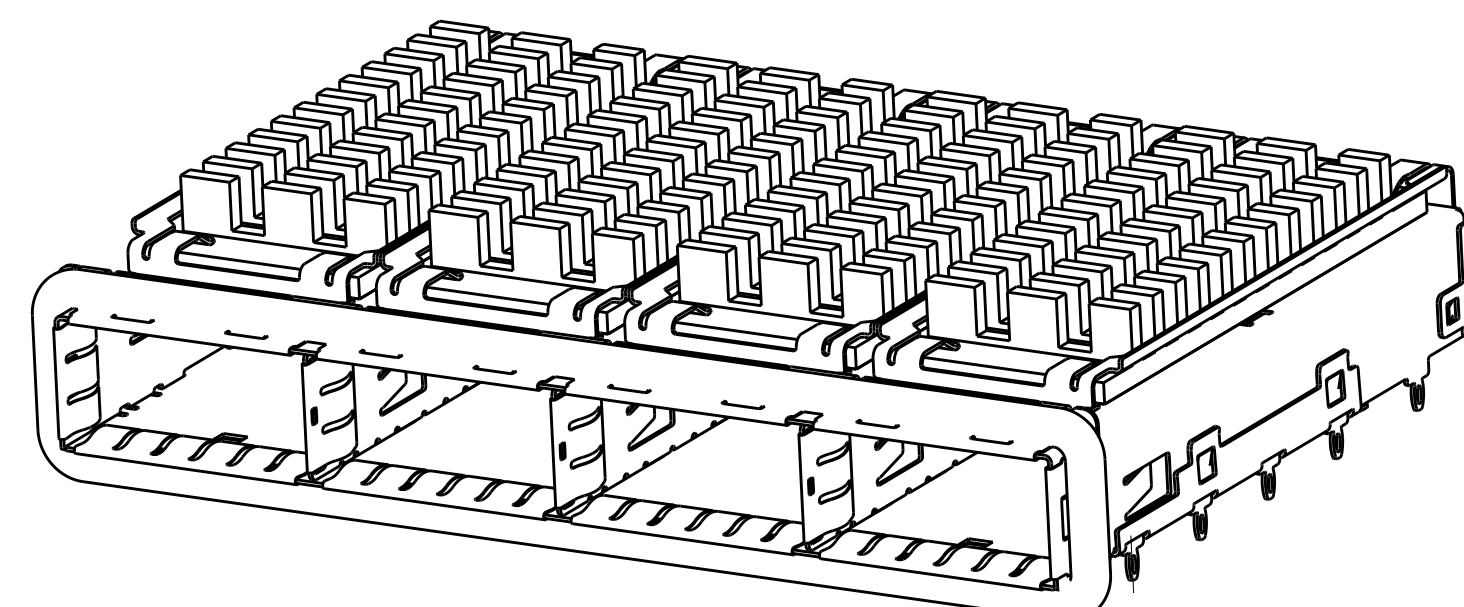




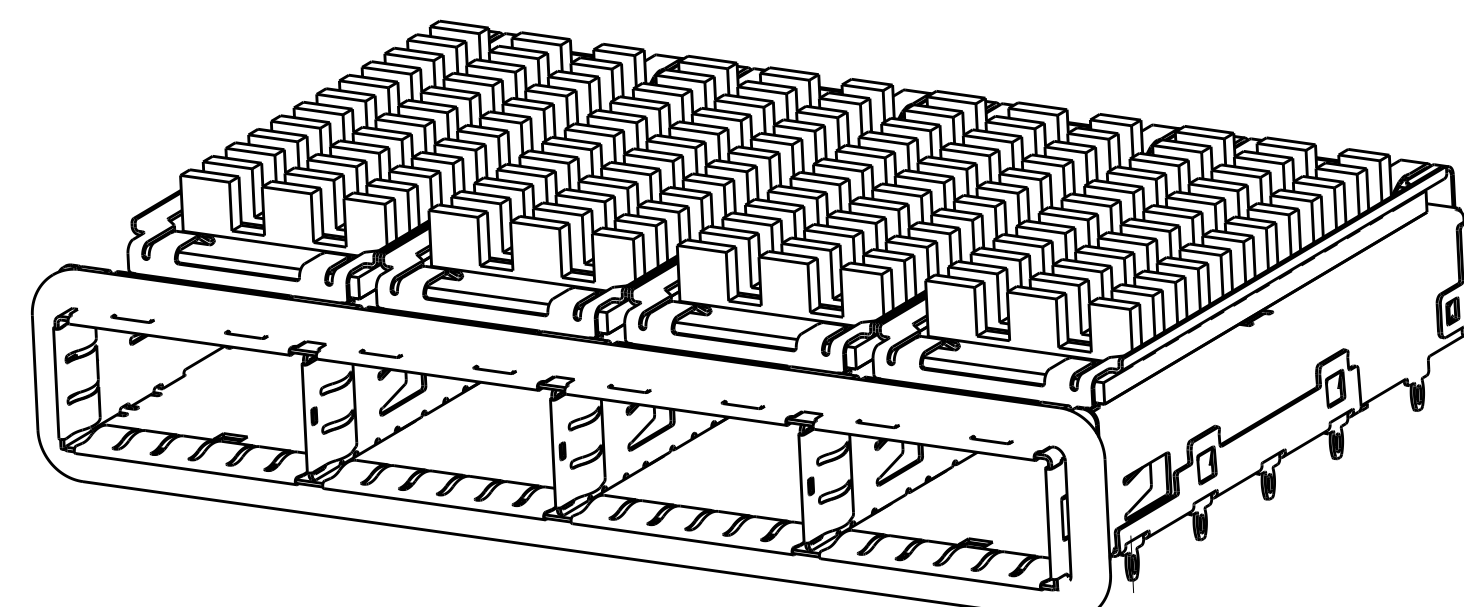
11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
12. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL A, CONTACT PC BOARD.
13. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
14. DATE CODE (YYWWDD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS 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

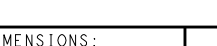
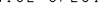


2170287-1, 2170287-2, 2170287-3
SCALE 2:1

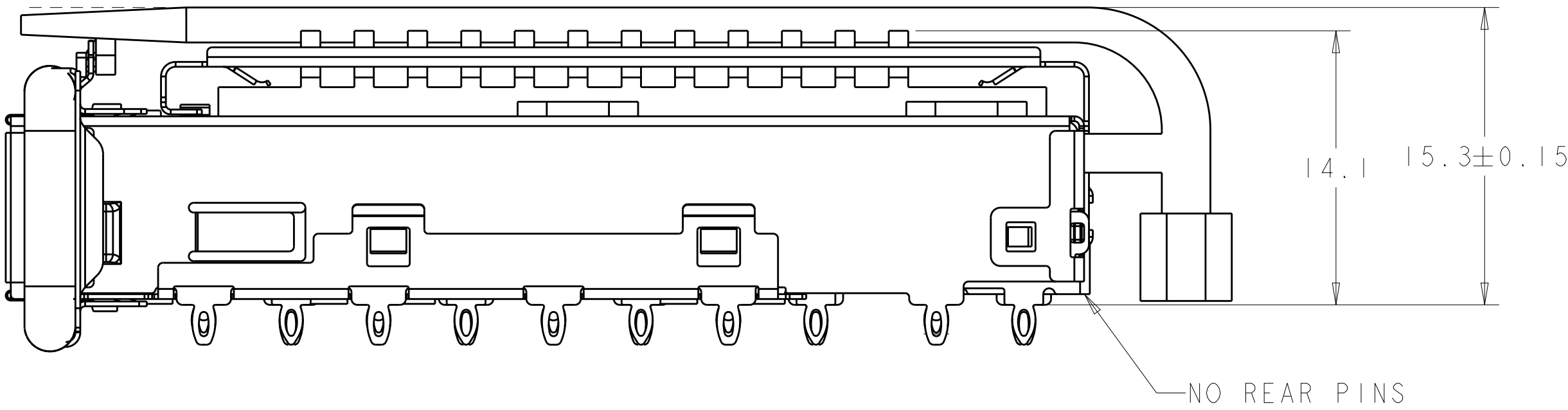
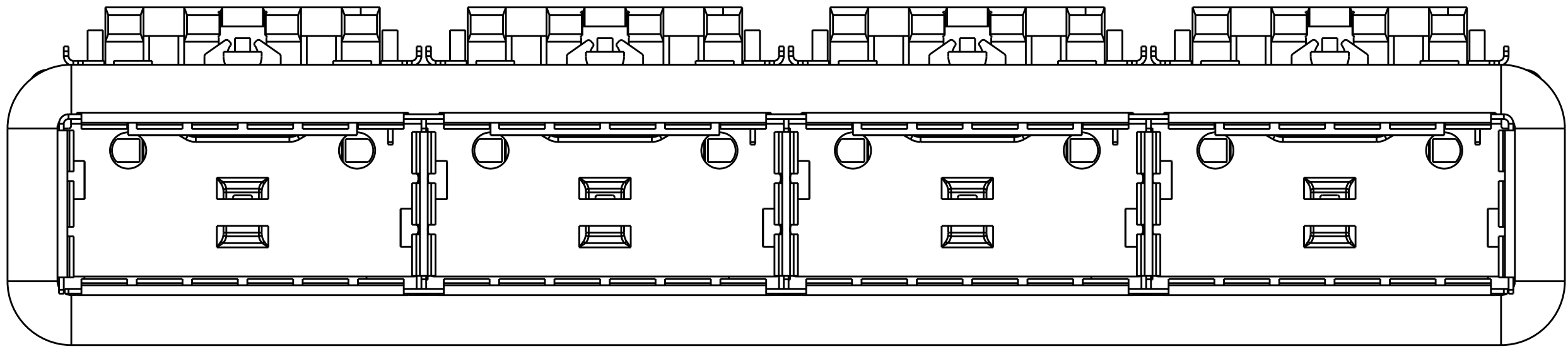


2170287-7, 2170287-8, 2170287-9
SCALE 2:1

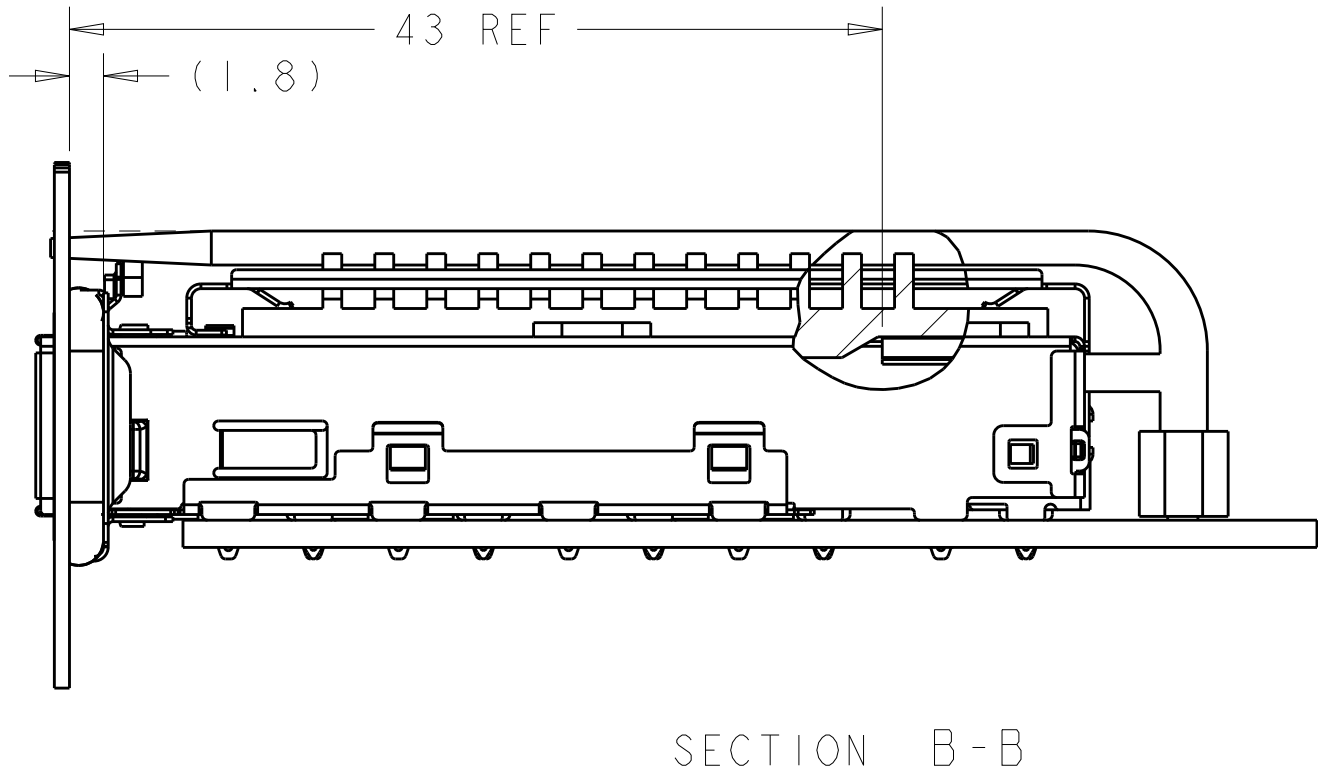
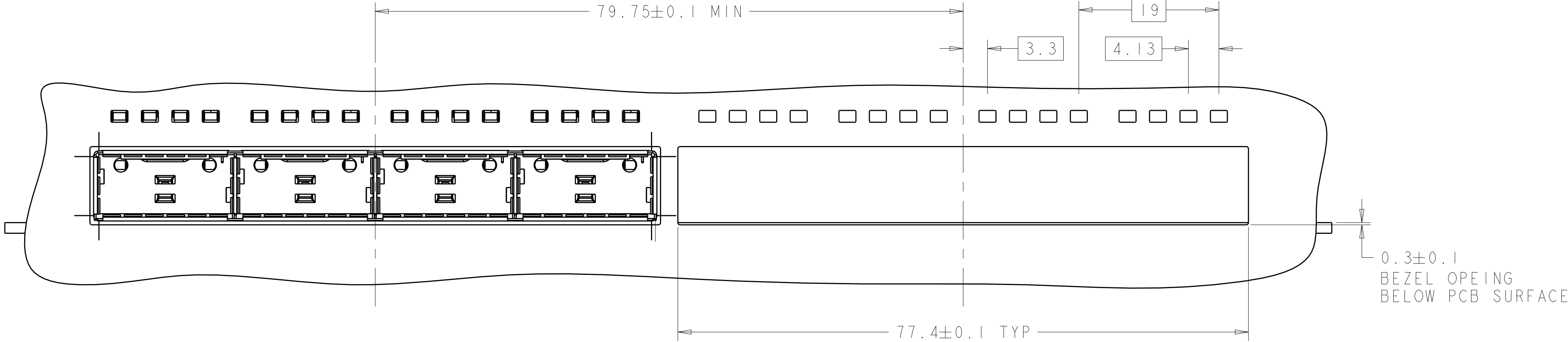
13.7	PCI(FIN TYPE)	1-2170287-1
15.0	CUSTOMIZED HEAT SINK	1-2170287-0
23.0	NETWORKING(FIN TYPE)	2170287-9
16.0	SAN(FIN TYPE)	2170287-8
13.7	PCI(FIN TYPE)	2170287-7
23.0	NETWORKING(FIN TYPE)	2170287-6
16.0	SAN(FIN TYPE)	2170287-5
13.7	PCI(FIN TYPE)	2170287-4
23.0	NETWORKING(PIN TYPE)	2170287-3
16.0	SAN(PIN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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 29FLB2012 KINSEN SUN CHR 29FLB2012 DENNY ZHU APVD 29FLB2012 ALEX CAI		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ± 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	
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 8 REV A	

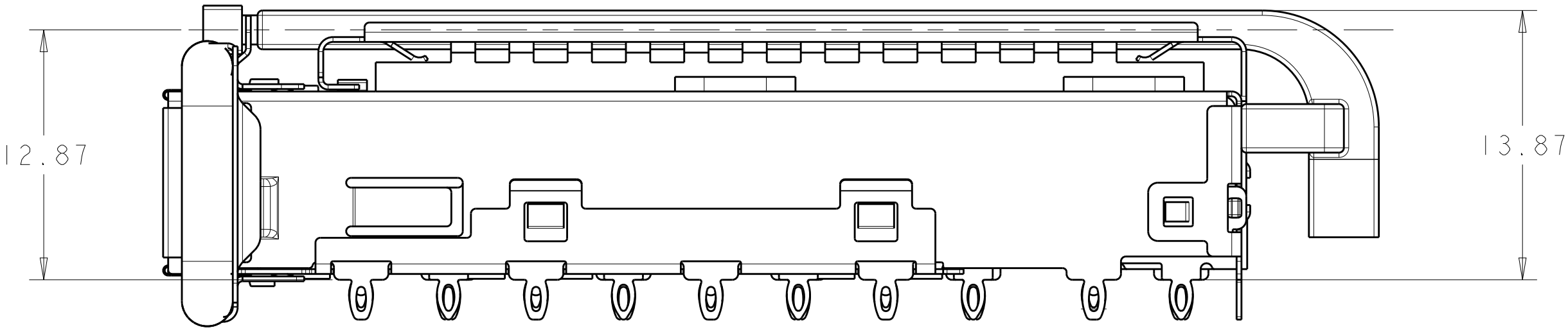
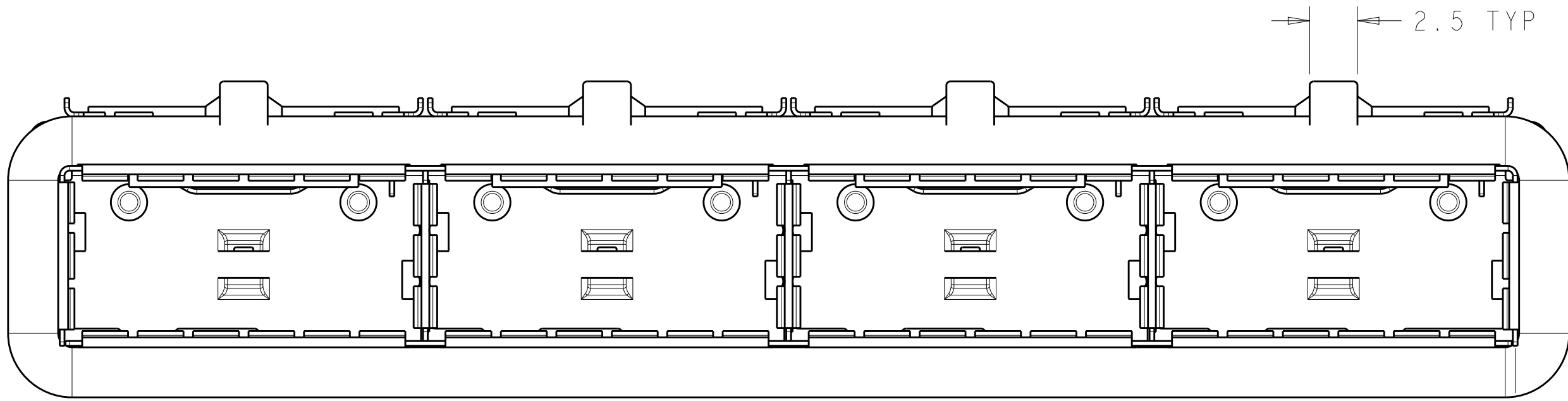
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



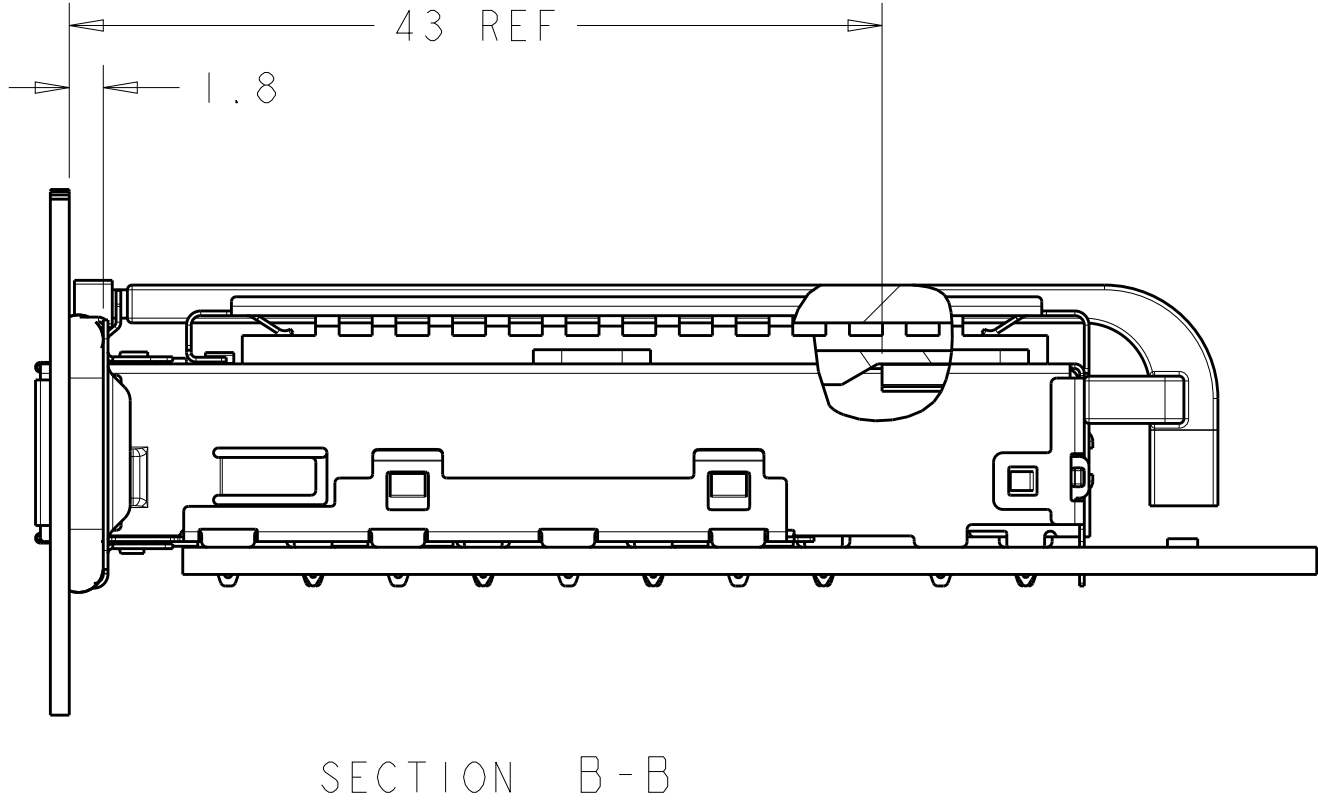
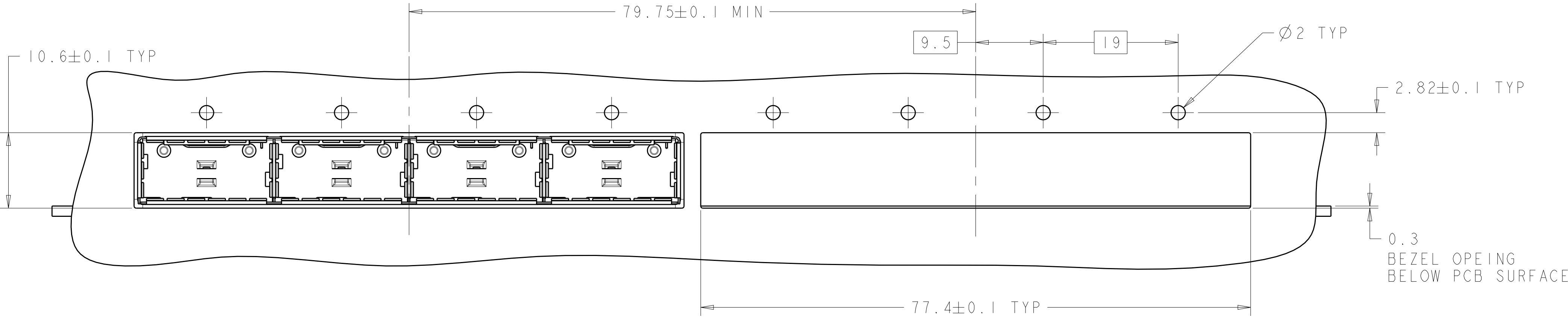
1-2170287-0 shown
SCALE 4:1



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



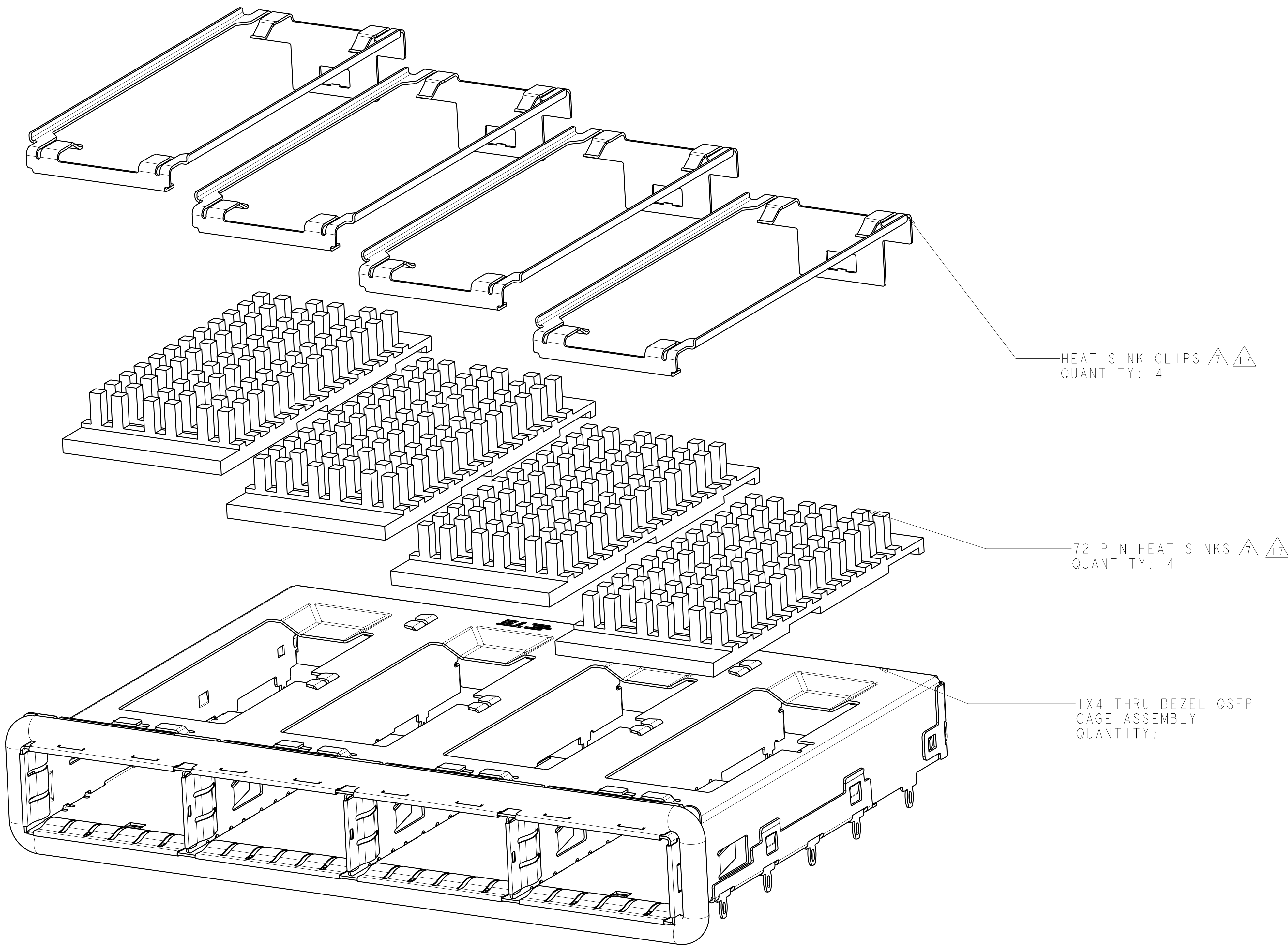
1-2170287-1 SHOWN
SCALE 4:1



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

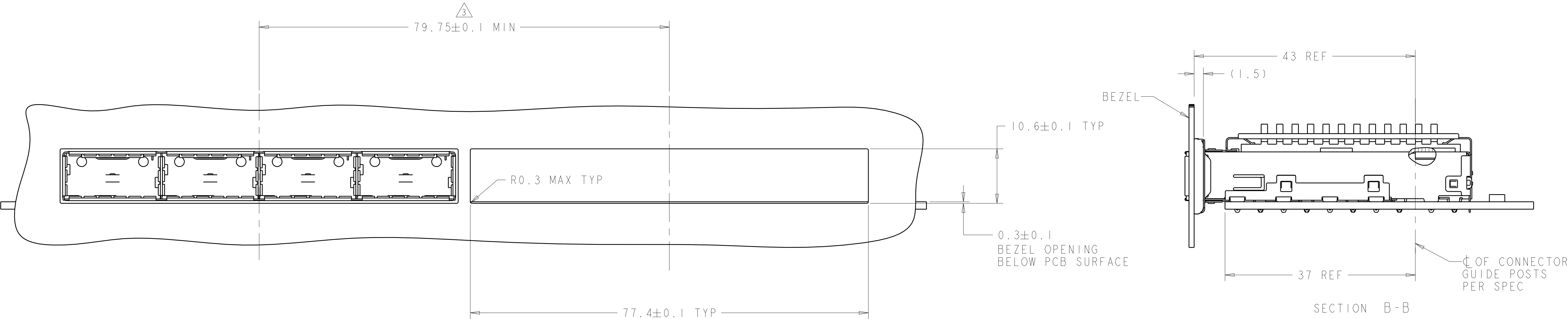
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
mm	0 PLC ±0.35 1 PLC ±0.25 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
MATERIAL	-	WEIGHT	A100779	C=2170287	RESTRICTED TO
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	-	-	-

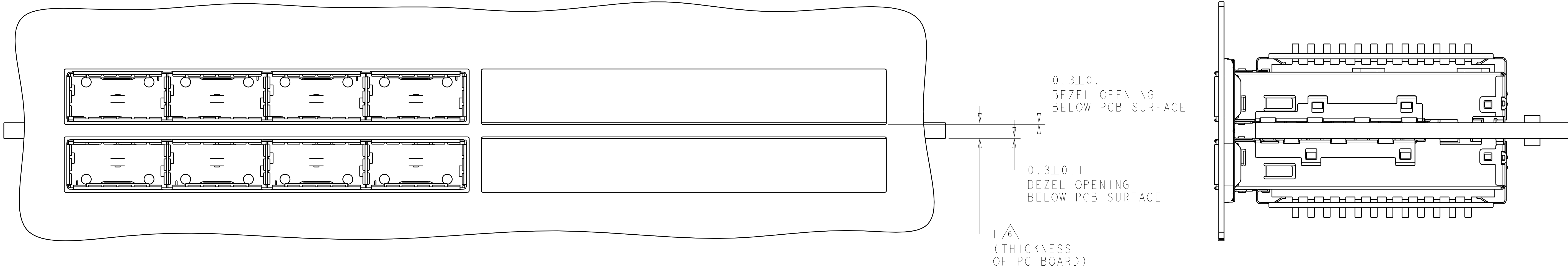


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	KINSEN SUN	29FEB2012	TE Connectivity		
		CHK	DENNY ZHU	29FEB2012			
		APVD	ALEX CAI	29FEB2012	NAME		
		PRODUCT SPEC			1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP		
		APPLICATION SPEC			SIZE		
		114-13217			CAGE CODE		
		WEIGHT			DRAWING NO		
		CUSTOMER DRAWING			A100779C=2170287		
					RESTRICTED TO		
					-		
					SCALE		
					1:1		
					SHEET		
					3		
					OF		
					8		
					REV		
					A		

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

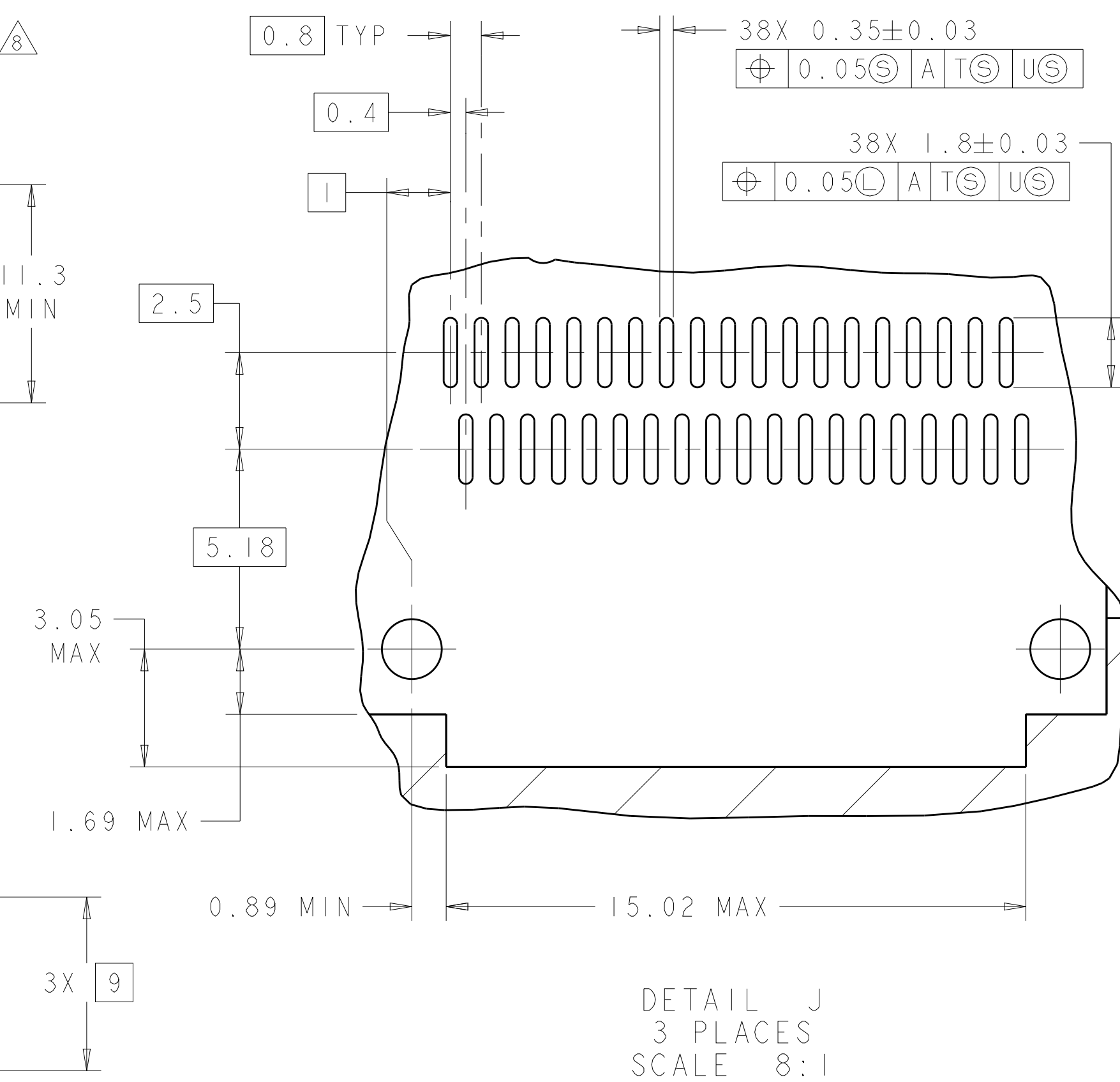
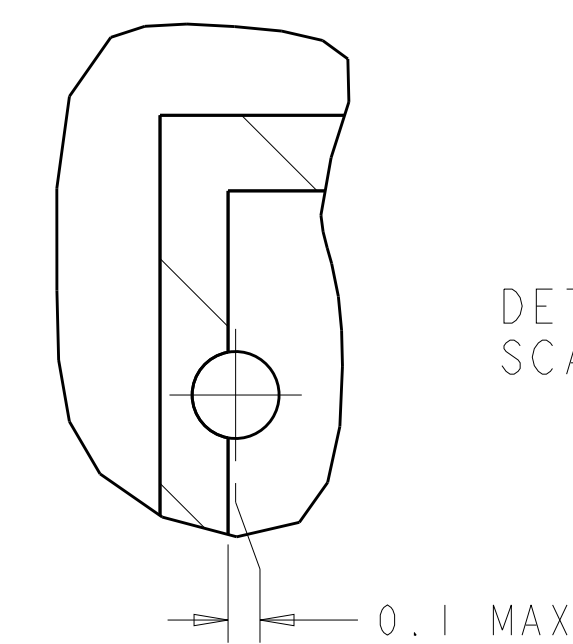


ONE SIDED CONFIGURATION
SCALE 5:2



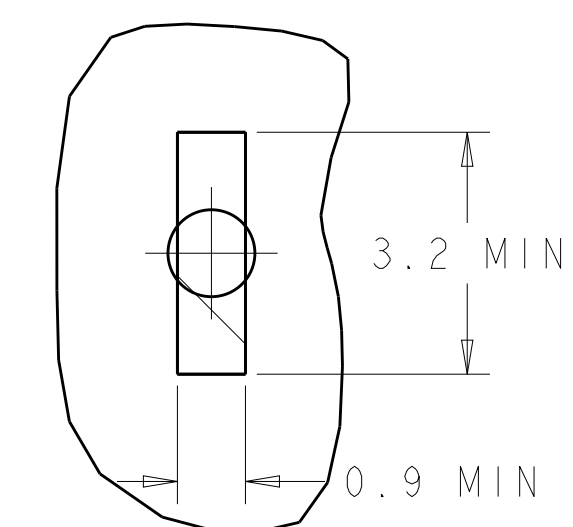
BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ±0.35 ±0.25 ± ± ± ±		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217	
MATERIAL -		WEIGHT -		SIZE A100779C=2170287	
CUSTOMER DRAWING		SCALE 1:1		SHEET 4 OF 8	
				REV A	

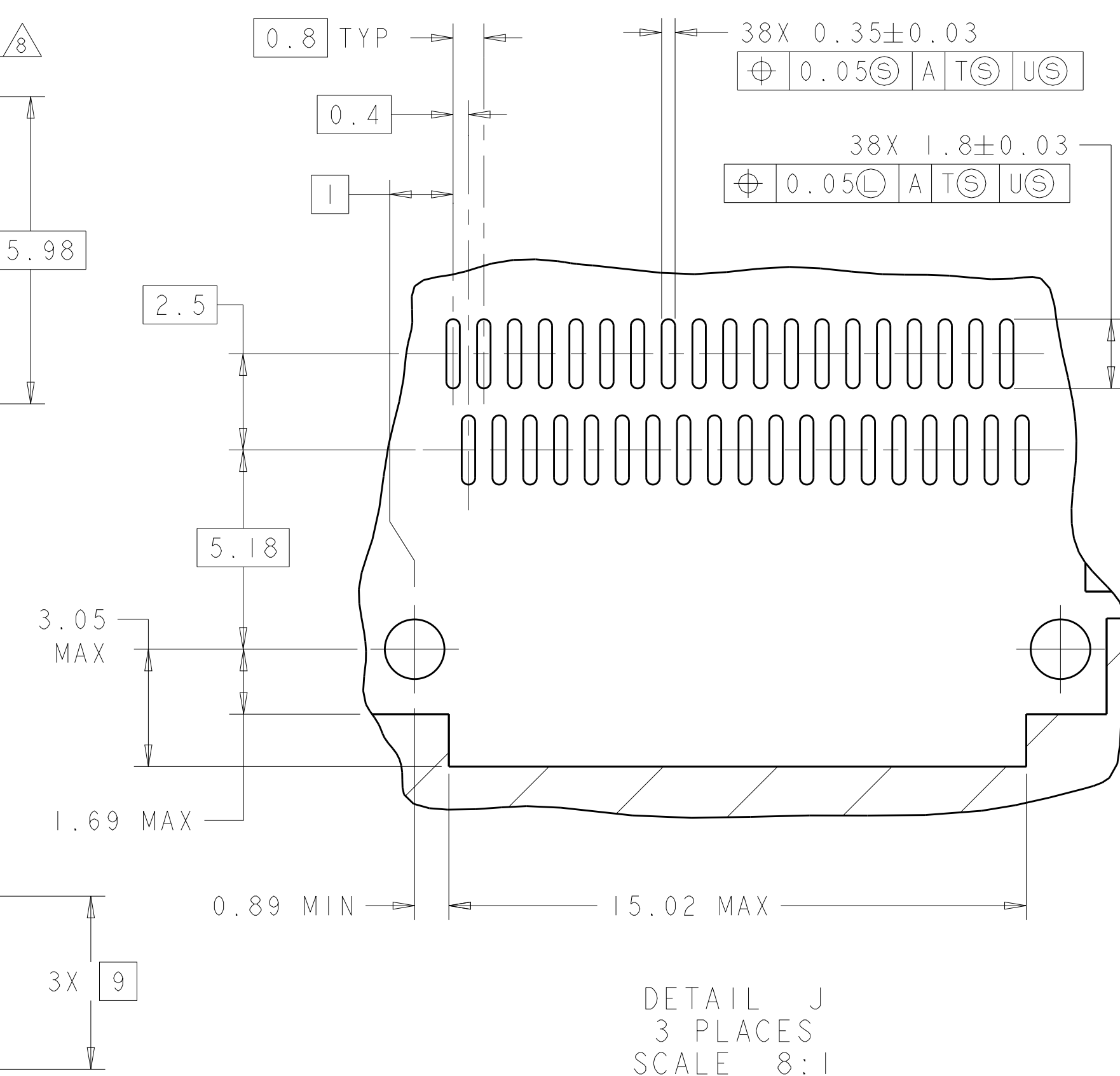


DETAIL J
3 PLACES
SCALE 8:1

4805 (3/11)



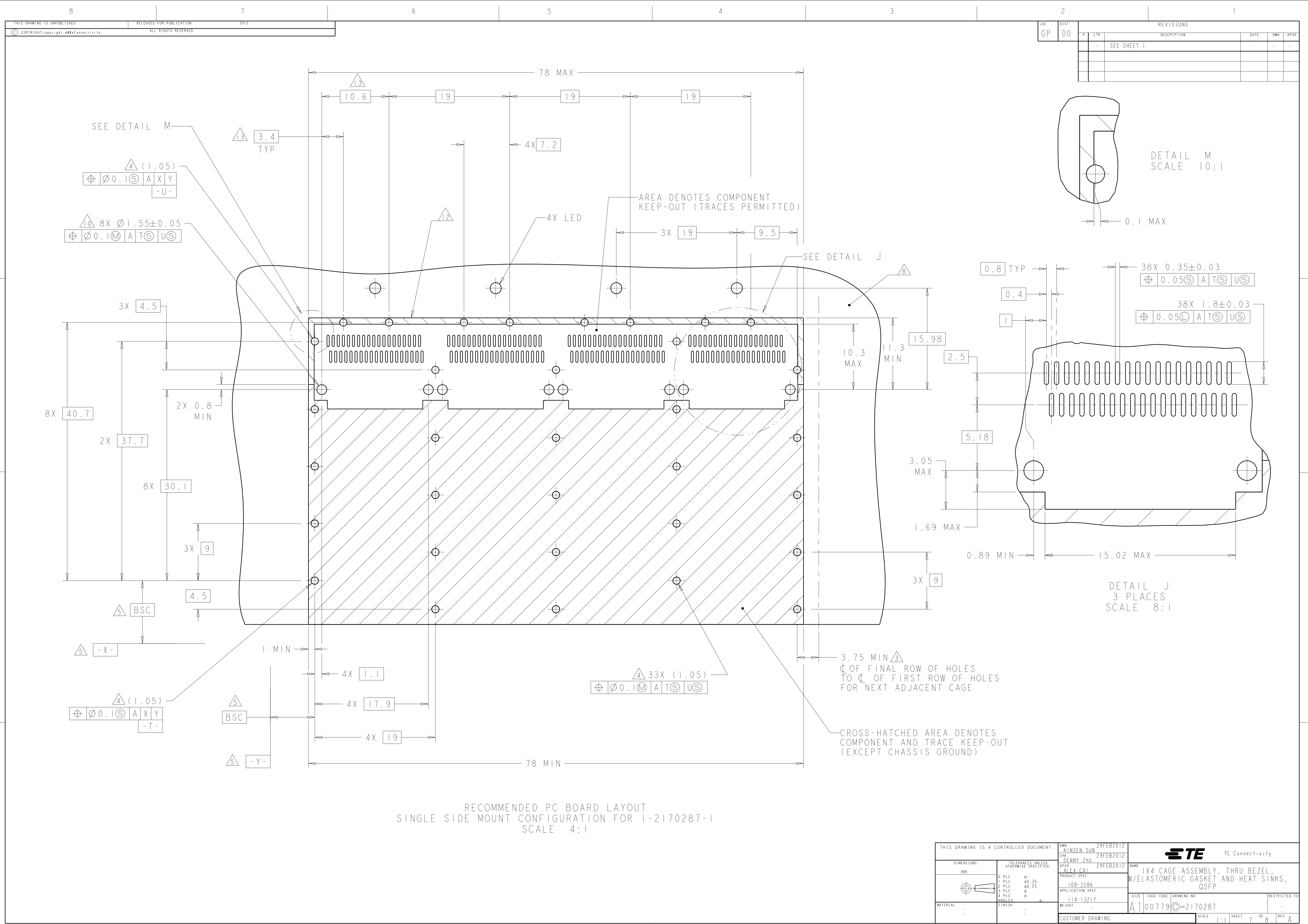
DETAIL M
SCALE 10:1



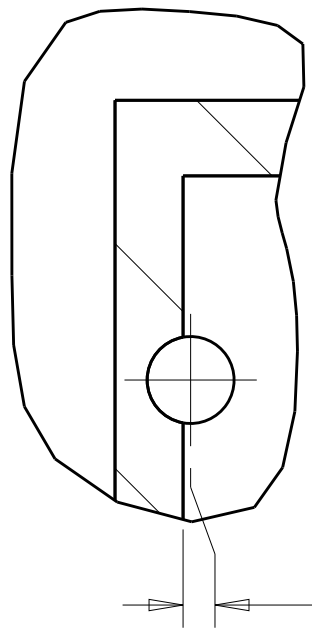
DETAIL J
3 PLACES
SCALE 8:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION/QUALIFICATION TESTING

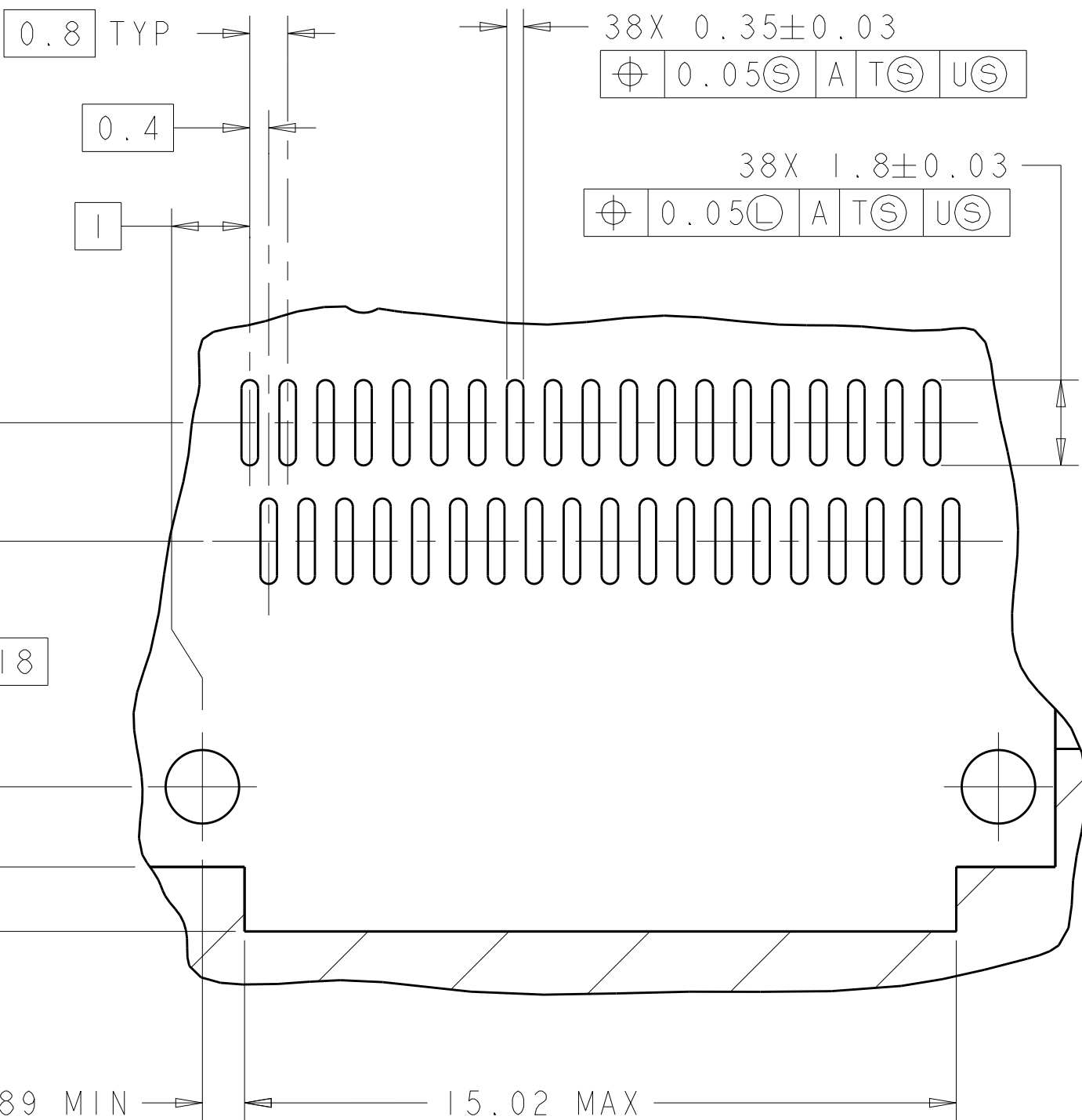
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN	29FEB2012							
		CHK DENNY ZHU	29FEB2012	 TE Connectivity						
DIMENSIONS:		APPROV ALEX CAI		NAME	IX4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS,					
(mm)		29FEB2012			QSPF					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT 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		A1		00779	C=2170287	-	-	
FINISH		APPLICATION SPEC		WEIGHT		SCALE		SHEET	OF	
-		114-13217		-		1 : 1		6	8	
MATERIAL		CUSTOMER DRAWING		REV		Δ				
-										



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



DETAIL M
SCALE 10:1

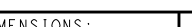


DETAIL J
3 PLACES
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION FOR 1-2170287-1
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEN SUN CHK DENNY ZHU APVD ALEX CAI	29FEB2012 29FEB2012 29FEB2012	NAME 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ELASTOMERIC GASKET AND HEAT SINKS, QSFP	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	108-2286	SIZE	CAGE CODE
mm	0 PLC ±.35 1 PLC ±0.35 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES FINISH	APPLICATION SPEC	114-13217	DRAWING NO	RESTRICTED TO
MATERIAL	-	WEIGHT	-	A100779C=2170287	-
CUSTOMER DRAWING		SCALE	1:1	SHEET	7 OF 8
		REV	A		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KINSEEN SUN 29FEB2012 CHG DENNY ZHU 29FEB2012 APVD ALEX CHAI 29FEB2012		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.35 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 ANGLES ±0.25		NAME 1X4 CAGE ASSEMBLY, THRU BEZEL W/ELASTOMERIC GASKET AND HEAT SINKS, OSFF	
MATERIAL -		FINISH -		SIZE CASE CODE DRAWING NO A100779C-2170287	
WEIGHT -		CUSTOMER DRAWING -		SCALE 1:1 SHEET 8 OF 8 REV A	