

REVISIONS				
REV	DATE	DESCRIPTION	BY	CHK
9	18SEP2013	REVISED	BL	AC
10	20NOV2013	REVISED	BL	JY
11	6MAY2015	ADD 2170207-4	RG	SH

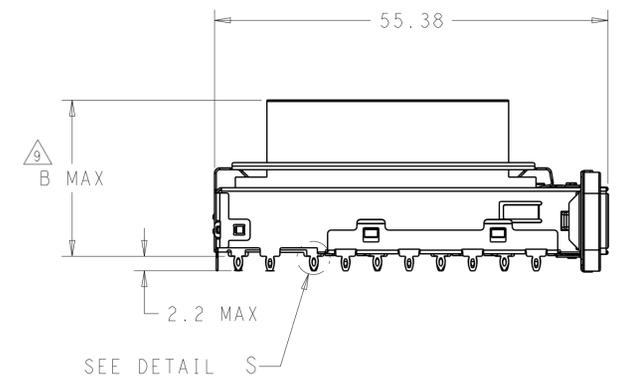
NOTES, UNLESS OTHERWISE SPECIFIED:

- △ MATERIAL:  
 TOP CAGE: NICKEL SILVER, 0.25MM THICK  
 BOTTOM CAGE: STAINLESS STEEL, 0.25MM THICK  
 HEAT SINK: ALUMINUM  
 HEAT SINK CLIP: STAINLESS STEEL  
 EMI SPRING: COPPER ALLOY  
 GASKET RETENTION PLATE: STAINLESS STEEL  
 EMI GASKET: CONDUCTIVE RUBBER, UL 94V-0 RATED.
- △ PITCH BETWEEN PORTS OF ONE 1X6 CAGE ASSEMBLY.
- △ SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- △ REFERENCE APPLICATION SPEC 114-13217 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD,  
 SINGLE SIDED PC BOARD MIN THICKNESS: 1.45MM.  
 DOUBLE SIDED PC BOARD MIN THICKNESS: 3.0MM.
- △ HEAT SINKS AND CLIP SHIPPED ASSEMBLED TO CAGE ASSEMBLY.
- △ DATUM -A- IS TOP SURFACE OF PC BOARD.

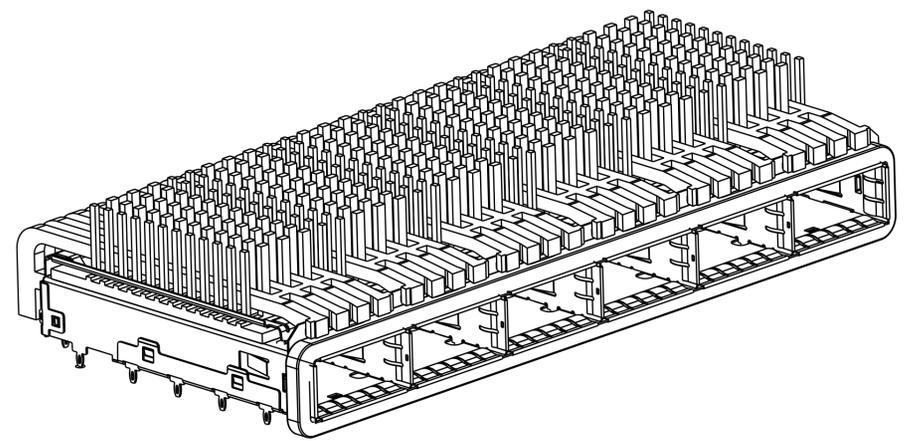
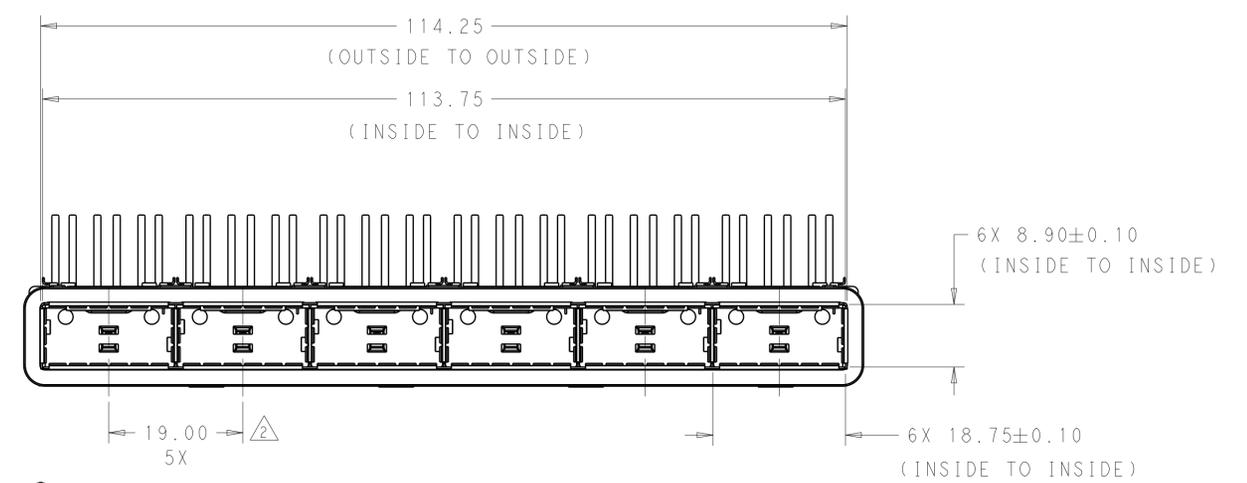
- △ DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- △ UNPLATED THRU HOLES
- △ MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- △ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- △ BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- △ DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.
- △ REFERENCE APP SPEC 114-13217 FOR GASKET THICKNESS CALCULATION.
- △ FINISH:  
 EMI SPRING: 2um MINIMUM TIN.  
 HEAT SINK: NICKEL PLATING.



DETAIL S  
 SCALE 15:1



SCALE 2:1

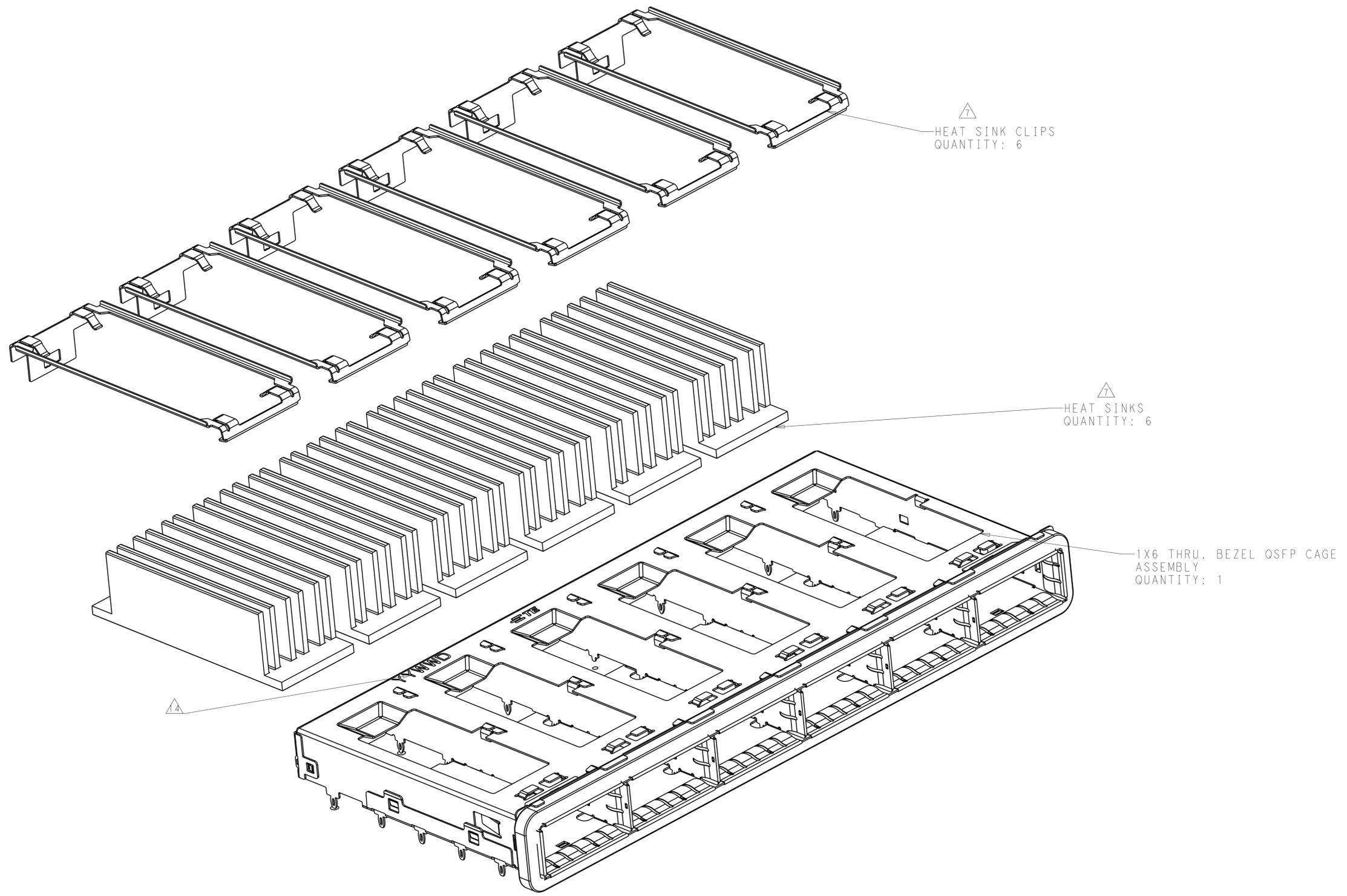


2170207-4  
 SCALE 2:1

WITH	23.0	Networking pin type	2170207-4
WITHOUT	23.0	Networking FIN TYPE	2170207-3
WITHOUT	16.0	SAN FIN TYPE	2170207-2
WITHOUT	13.7	PCI FIN TYPE	2170207-1
LIGHT PIPE	DIM.B	HEAT SINK	PART NUMBER

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DIMENSIONS:		CHK: JASON YANG 15NOV2012	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPR: AILEY CAI 15NOV2012	PRELIMINARY	
mm	0 PLC ±0.2	PRODUCT SPEC	1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK	
	1 PLC ±0.20	APPLICATION SPEC	-	
	2 PLC ±0.25	SIZE	A100779C=2170207	
	3 PLC ±0.30	WEIGHT	-	
	4 PLC ±0.35	Customer Drawing	SCALE 1:1 SHEET 1 OF 6 REV 12	
	ANGLES ±0.5			
	FINISH			

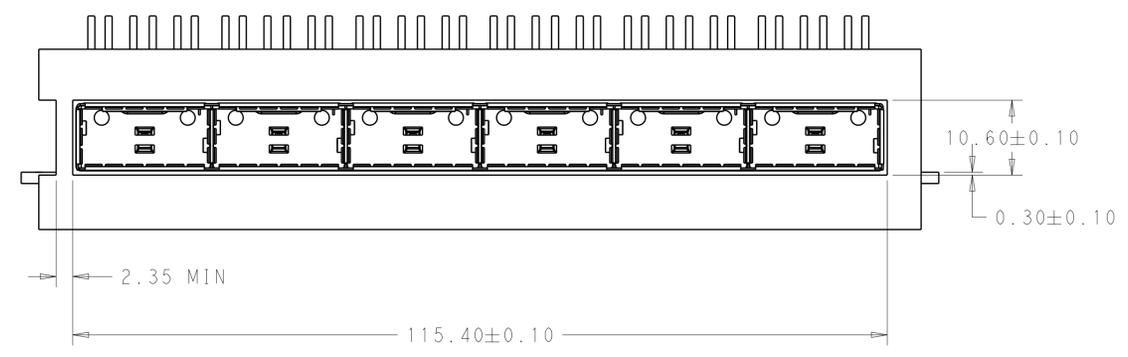
REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APVD.
-	-	SEE SHEET 1	-	-



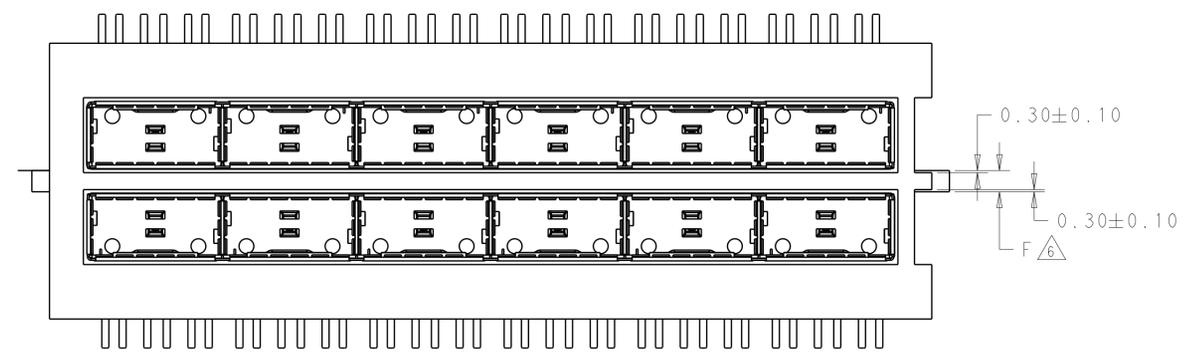
SCALE 3:1

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DIMENSIONS: mm		CHK: JASON YANG 15NOV2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: AILEY CAI 15NOV2012	NAME: 1X6 OSFP CAGE ASSY THRU BEZEL WITH HEAT SINK
0 PLC ±0.2	1 PLC ±0.2	PRODUCT SPEC: 108-2286	SIZE: A1
2 PLC ±0.20	3 PLC ±	APPLICATION SPEC: 114-13217	CAGE CODE: C=2170207
4 PLC ±	ANGLES ±	WEIGHT: -	RESTRICTED TO: -
MATERIAL: -	FINISH: -	Customer Drawing	SCALE: 1:1 SHEET 2 OF 6 REV 12

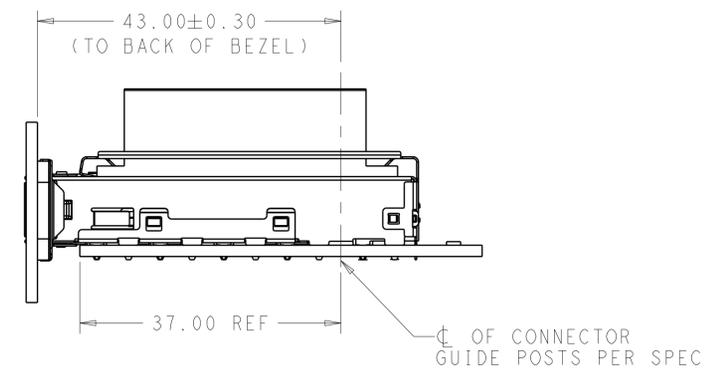
REVISIONS					
P.	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-



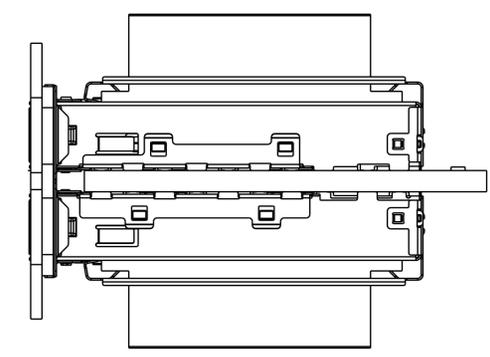
ONE SIDED CONFIGURATION



BELLY TO BELLY CONFIGURATION  
 SIMILAR TO ONE SIDED  
 EXCEPT WHERE NOTED



SCALE 2:1

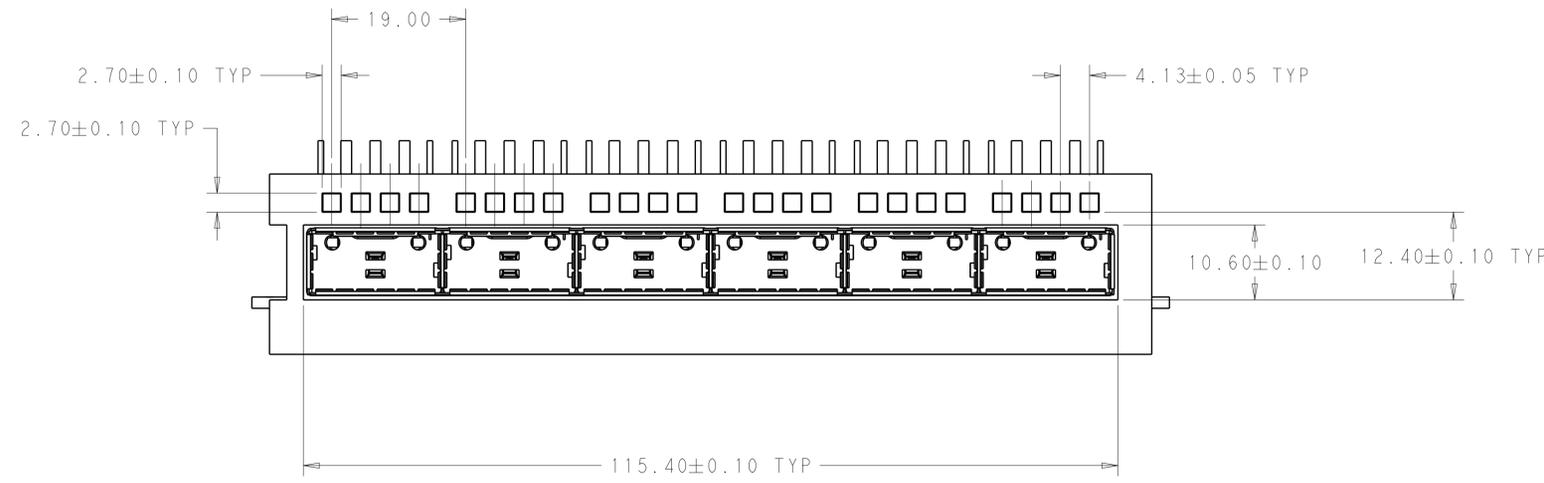


SCALE 2:1

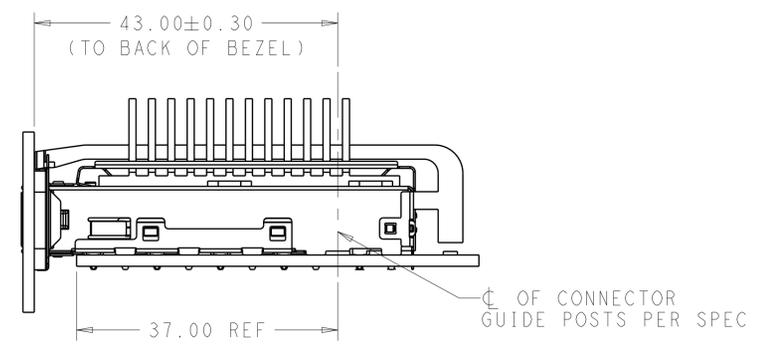
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DIMENSIONS: mm		CHK: JASON YANG 15NOV2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: AILEY CAI 15NOV2012	NAME: 1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK
0 PLC	±	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC	±0.2	108-2286	RESTRICTED TO
2 PLC	±0.20	APPLICATION SPEC	A100779C=2170207
3 PLC	±	114-13217	SCALE 1:1 SHEET 3 OF 6 REV 12
4 PLC	±	WEIGHT	Customer Drawing
ANGLES	±		
FINISH			

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P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

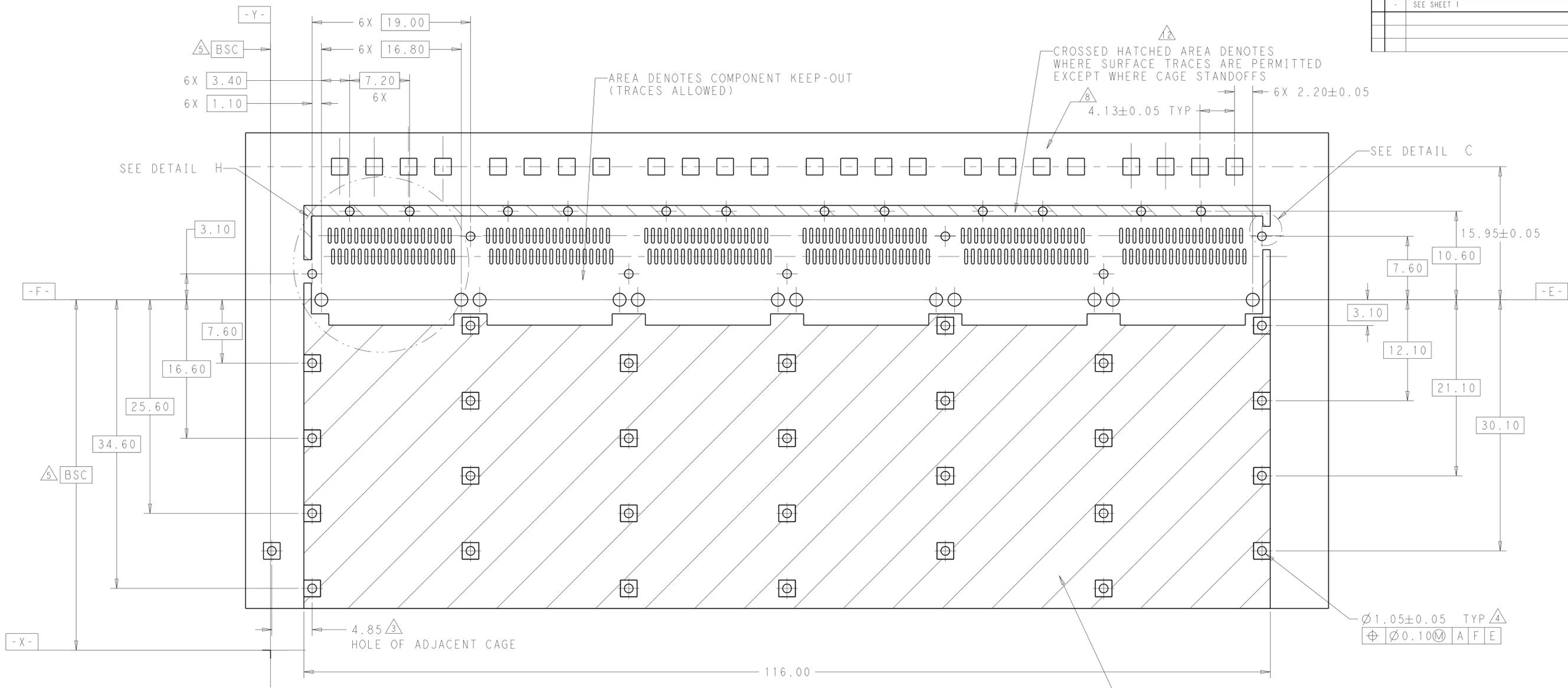


SCALE 2:1



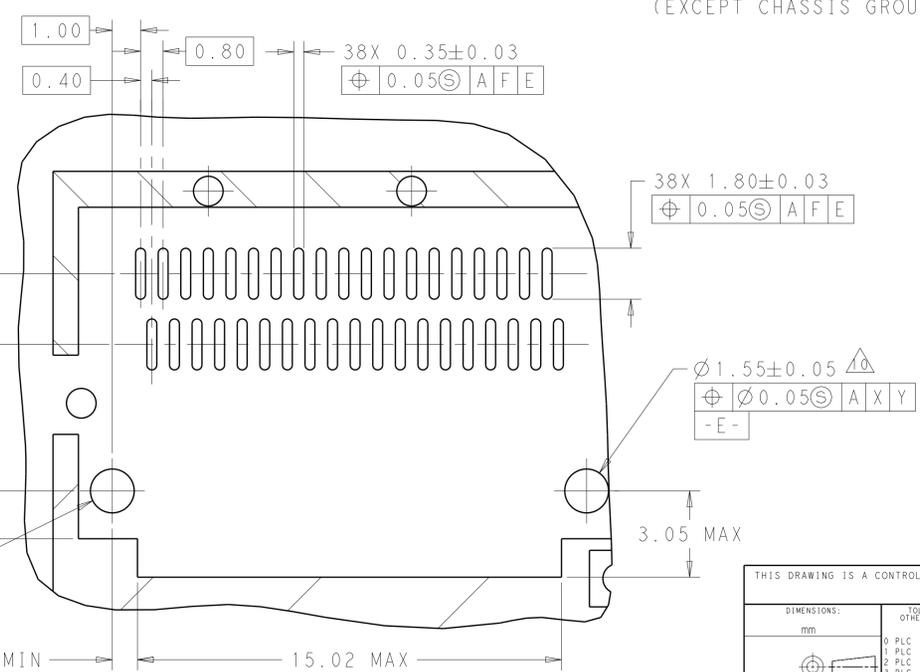
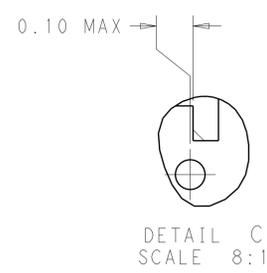
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DIMENSIONS: mm		CHK: JASON YANG 15NOV2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: AILEY CAI 15NOV2012	NAME: 1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK
0 PLC ±	1 PLC ±0.2	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
2 PLC ±0.20	3 PLC ±	108-2286	RESTRICTED TO
4 PLC ±	ANGLES ±	APPLICATION SPEC	A100779C=2170207
MATERIAL: -	FINISH: -	114-13217	SCALE: 1:1 SHEET 4 OF 6 REV 12
Customer Drawing		WEIGHT: -	

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPD.
-	-	SEE SHEET 1	-	-



SCALE 4:1

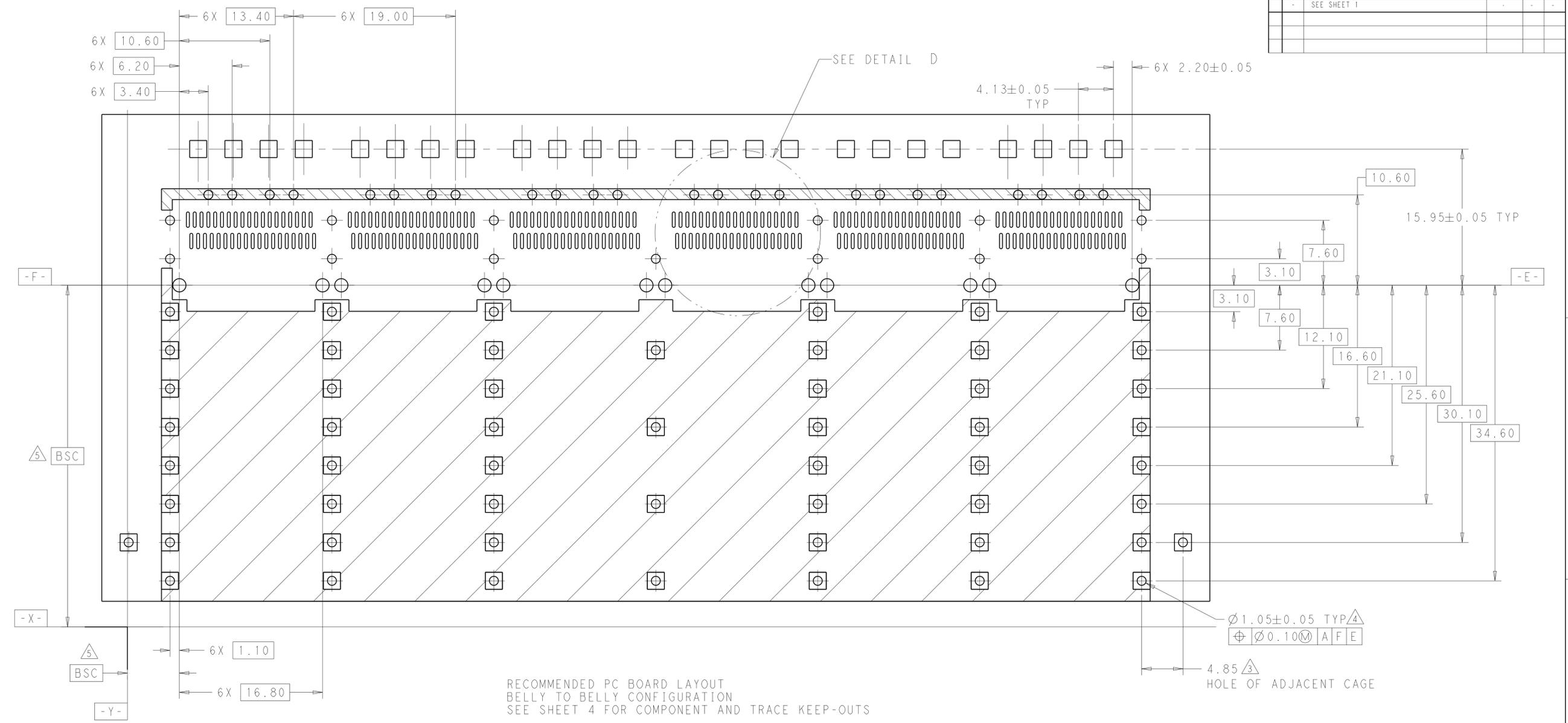
RECOMMENDED PC BOARD LAYOUT  
 SINGLE SIDE MOUNT CONFIGURATION



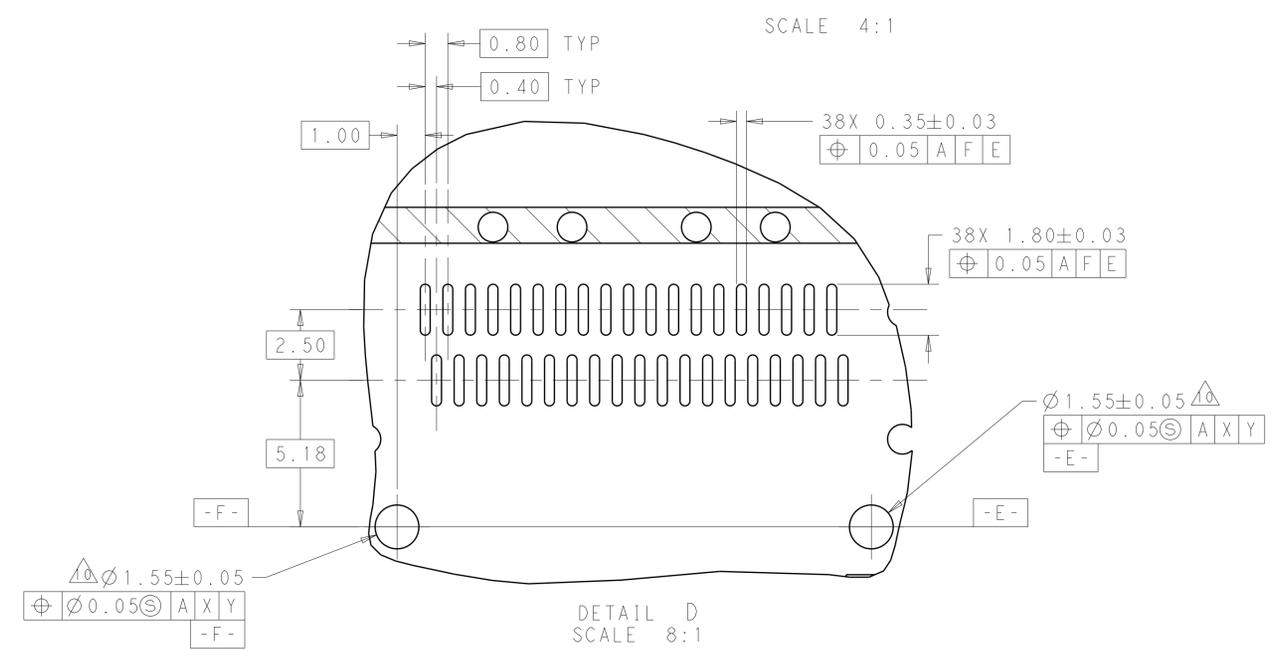
DETAIL H  
 SCALE 8:1

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DIMENSIONS: mm		CHK: JASON YANG 15NOV2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: ALEY CAI 15NOV2012	NAME: 1X6 QSFP CAGE ASSY THRU BEZEL WITH HEAT SINK
0 PLC ±0.2	1 PLC ±0.20	PRODUCT SPEC: 108-2286	SIZE: 114-13217
2 PLC ±0.20	3 PLC ±0.20	APPLICATION SPEC: 114-13217	RESTRICTED TO: A100779C=2170207
4 PLC ±0.20	ANGLES ±0.20	WEIGHT: -	SCALE: 1:1
MATERIAL: -	FINISH: -	Customer Drawing	SHEET 5 OF 6
			REV 12

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APPD.
-	-	SEE SHEET 1	-	-



RECOMMENDED PC BOARD LAYOUT  
 BELLY TO BELLY CONFIGURATION  
 SEE SHEET 4 FOR COMPONENT AND TRACE KEEP-OUTS



DETAIL D  
 SCALE 8:1

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DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.2 1 PLC ±0.20 3 PLC ±0.25 4 PLC ±0.3 ANGLES ±0.5		NAME: 1X6 OSFP CAGE ASSY THRU BEZEL WITH HEAT SINK PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13217 WEIGHT: -	
MATERIAL: -	FINISH: -	SIZE: 114-13217 CAGE CODE: A100779 DRAWING NO: C=2170207	RESTRICTED TO: - SCALE: 1:1 SHEET: 6 OF 6 REV: 12

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