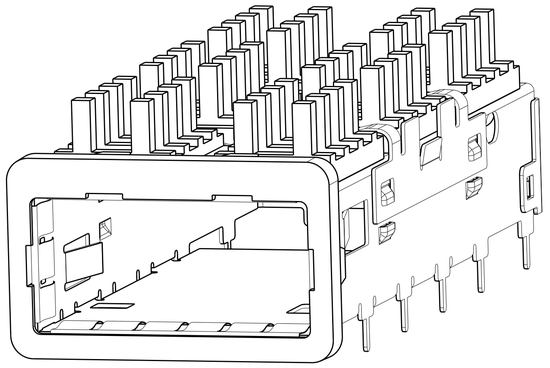
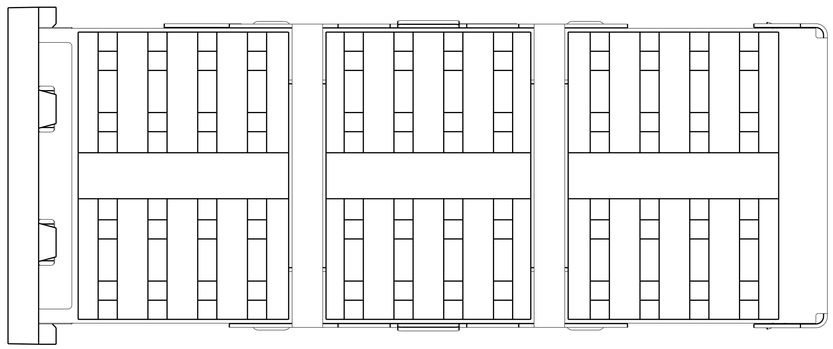
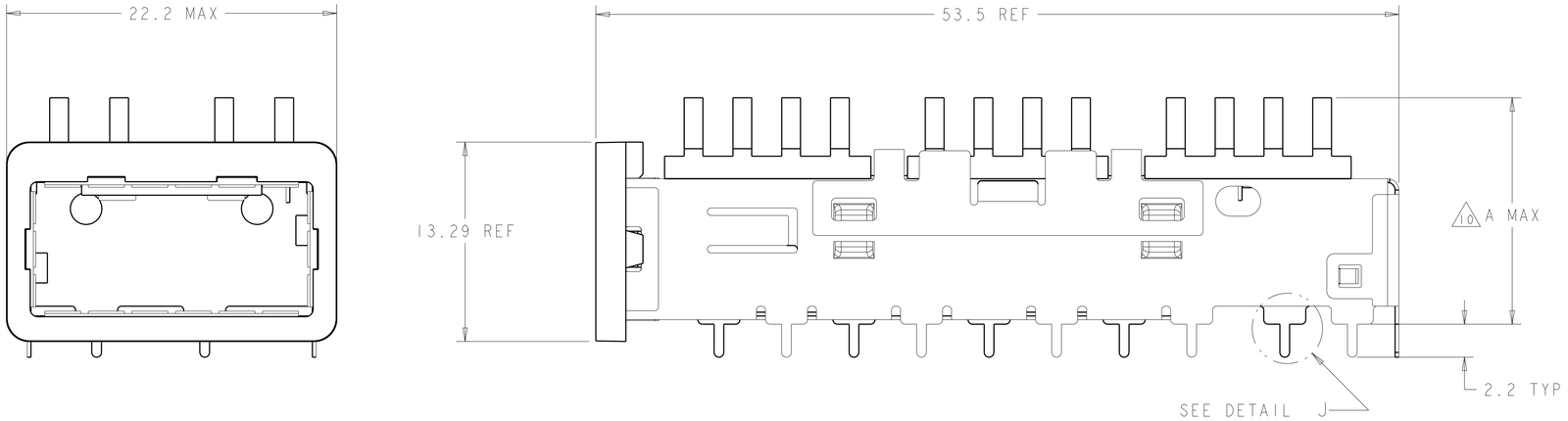
LOC	DIST
GP	00

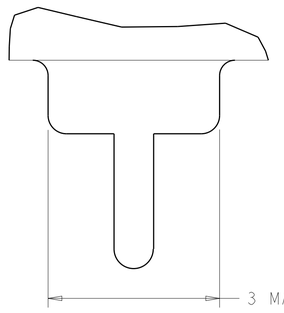
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	I	PRELIMINARY	23AUG2012	DZ	JY

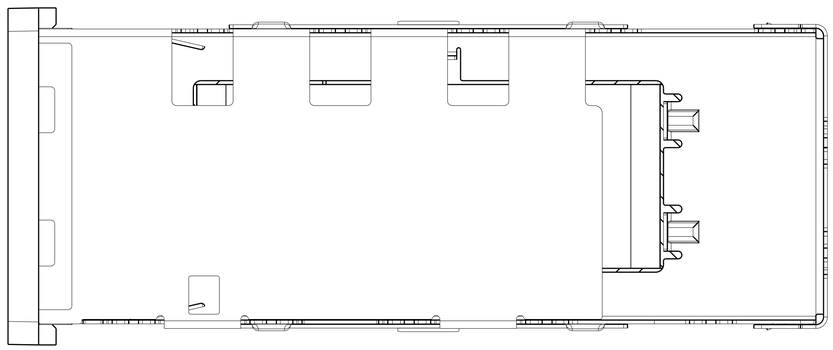








DETAIL J 9
SCALE 20:1



1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY

2. MINIMUM PITCH DIMENSION.

3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4. REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

5. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

6. DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD,
SINGLE SIDED PC BOARD MINIMUM THICKNESS: 1.45

7. HEAT SINK AND CLIP SHIPPED ASSEMBLED TO CAGE ASSEMBLY
CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.

8. DATUM -A- IS TOP SURFACE OF HOST BOARD.

9. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.

10. DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE.

11. DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.

12. EMI SPRING FINISH: 2µm MIN TIN.
FRONT FLANGE FINISH: 3µm MIN TIN OVER 1.27µm MIN NICKEL OVER 5.08µm MIN COPPER.
HEAT SINK FINISH: 0.076µm MIN NICKEL.

13. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

13.7	PCI HEAT SINK	2170395-1
A	DESCRIPTION	PART NUMBER

DESIGN APPROVED THIS PRINT IS
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CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL - 1
FINISH 12

DWN D ZHU 23AUG2012
CHK J YANG 23AUG2012
APVD A CAI 23AUG2012
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, QSFP, WITH HEAT SINK
-

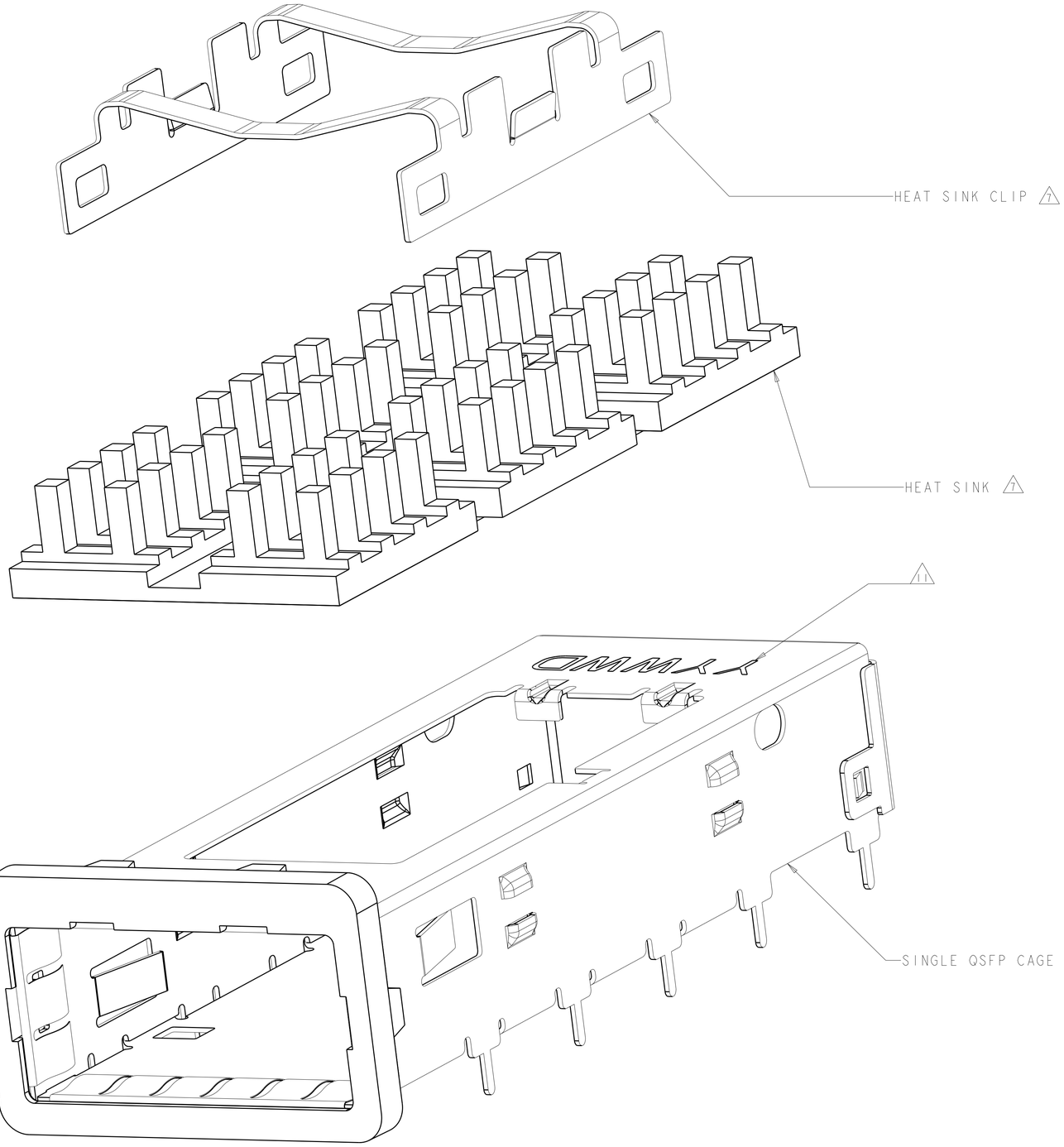
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170395	-

Customer Drawing | SCALE 2:1 | SHEET 1 OF 4 | REV I

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



EXPLODED VIEW
SCALE 8:1

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3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL -
FINISH - -

DWN D.ZHU 23AUG2012
CHK J.YANG 23AUG2012
APVD A.CAI 23AUG2012
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

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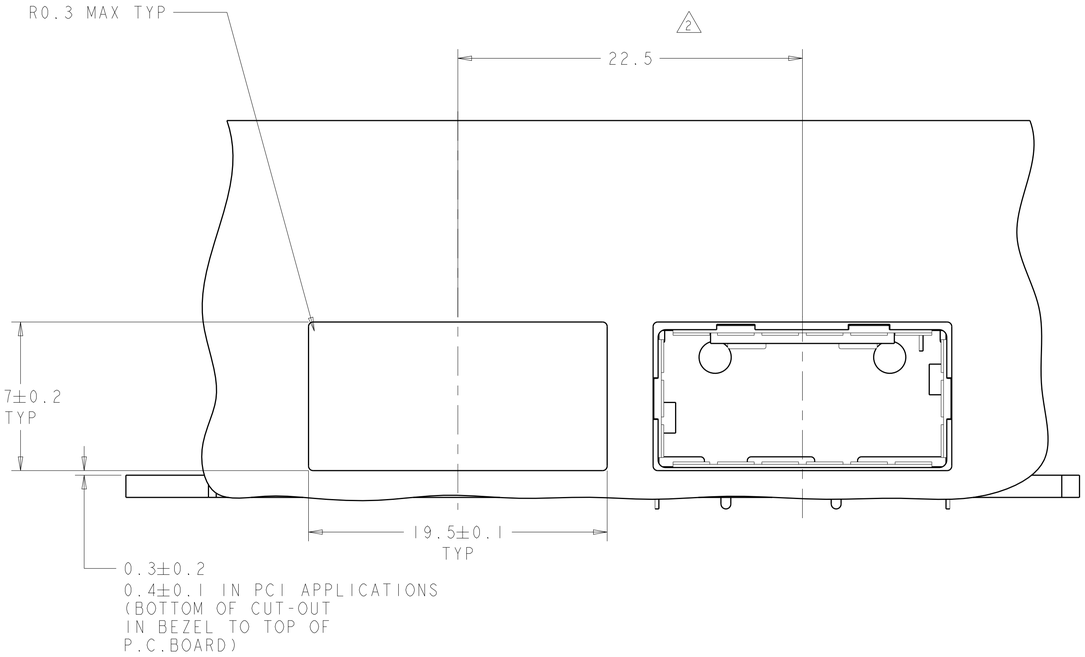
A1	00779	C-2170395	-

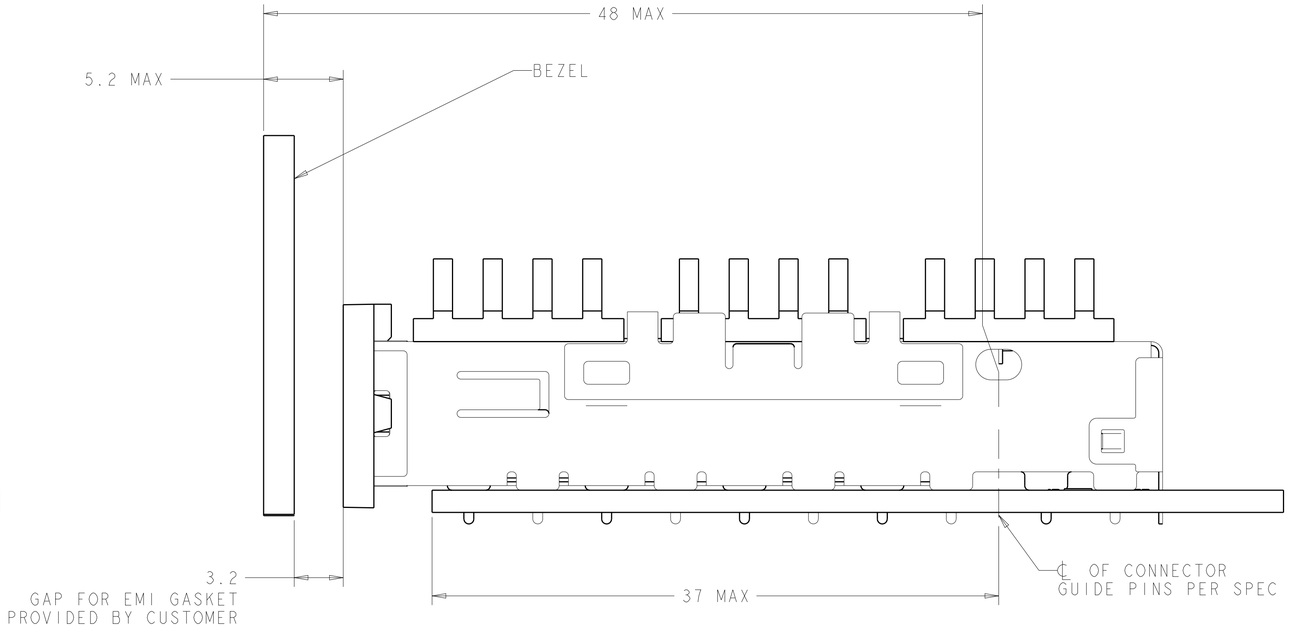
Customer Drawing | SCALE 2:1 | SHEET 2 OF 4 | REV I

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





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4 PLC ±0.0001
ANGLES ±-

MATERIAL -
FINISH -

DWN	D.ZHU	23AUG2012
CHK	J.YANG	23AUG2012
APVD	A.CAI	23AUG2012
PRODUCT SPEC	108-2286	
APPLICATION SPEC	114-13218	
WEIGHT	-	

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, QSFP, WITH HEAT SINK
-

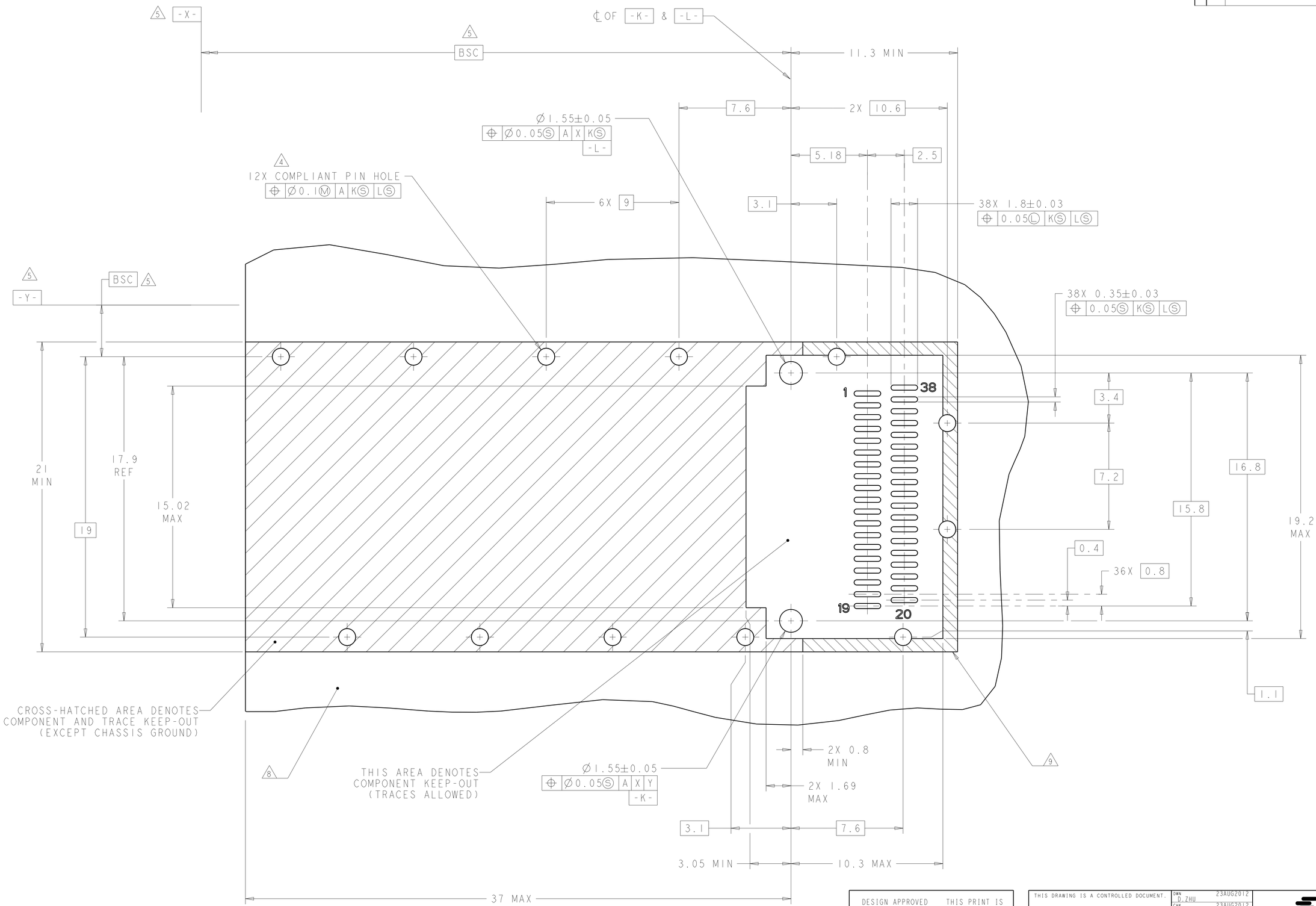
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170395	-

Customer Drawing | SCALE 2:1 | SHEET 3 OF 4 | REV I

LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
SINGLE SIDED CONFIGURATION
SCALE 8:1

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1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-
MATERIAL -
FINISH - -

DWN	D.ZHU	23AUG2012
CHK	J.YANG	23AUG2012
APVD	A.CAI	23AUG2012
PRODUCT SPEC	108-2286	
APPLICATION SPEC	114-13218	
WEIGHT	-	

Customer Drawing

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, QSFP, WITH HEAT SINK
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170395	-

SCALE 2:1 SHEET 4 OF 4 REV 1