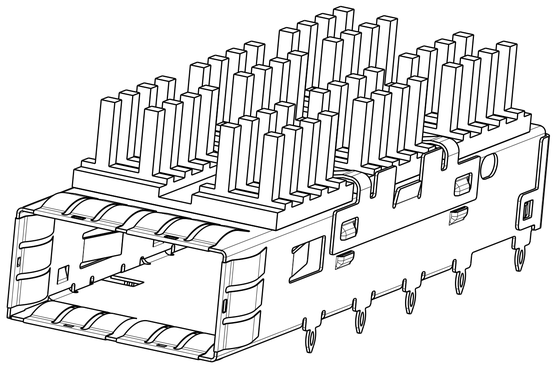
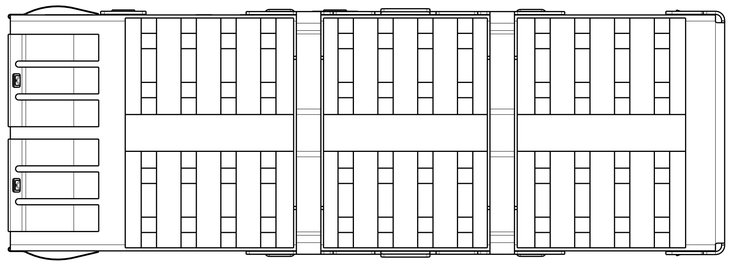
LOC	DIST
GP	00

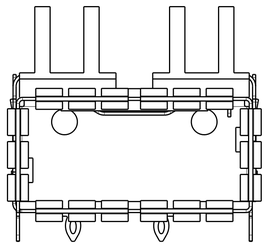
REVISIONS

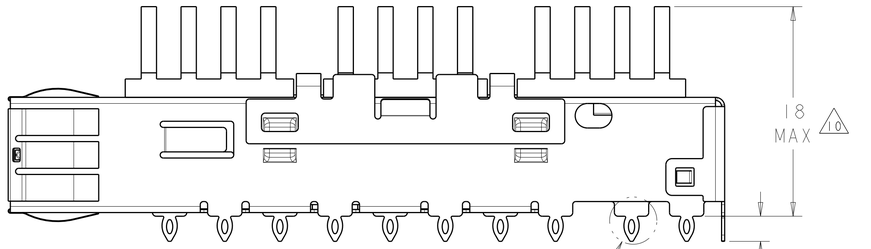
P	LTR	DESCRIPTION	DATE	DWN	APVD
	I	PRELIMINARY	19SEP2012	DZ	JY

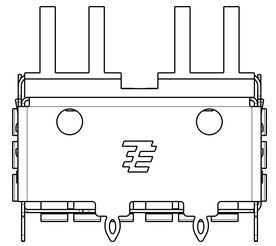


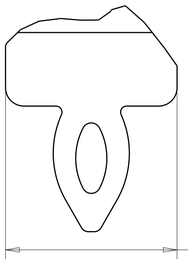
SCALE 4:1





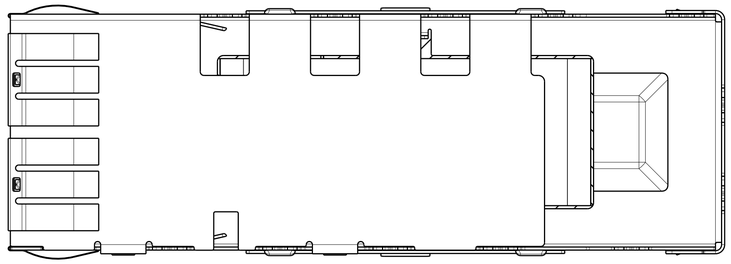






DETAIL J
SCALE 20:1 9

3 MAX TYP



1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRINGS MATERIAL: COPPER ALLOY

2. MINIMUM PITCH DIMENSION.

3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4. REFERENCE APPLICATION SPEC 114-13217 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

5. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

6. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.45mm (shown, pg. 4)
DOUBLE SIDED = 2.2mm

7. HEATSINK 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 MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.

12. SPRING FINISH: 0.8um MIN TIN OVER 0.8um MIN NICKEL. NON-PLATED EDGES PERMISSIBLE.
HEAT SINK FINISH: 0.076 um MIN NICKEL.

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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 ±0.25
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - 1
FINISH - 12

DWN	D ZHU	19SEP2012
CHK	J YANG	19SEP2012
APVD	A CAI	19SEP2012

PRODUCT SPEC: 108-2286
APPLICATION SPEC: 114-13217
WEIGHT: -

TE Connectivity

NAME: CAGE ASSEMBLY, THRU BEZEL, QSFP WITH HEAT SINK
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170450	-

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

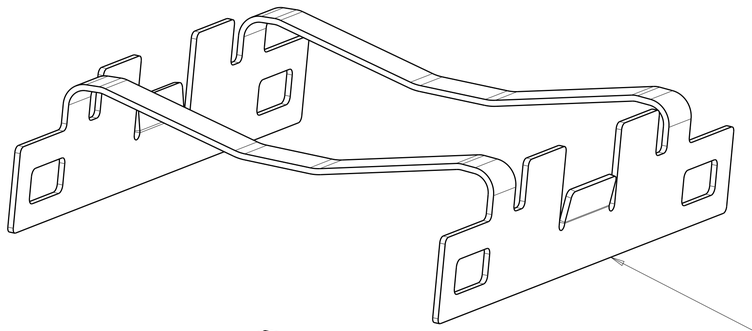
PART NUMBER
2170450-1

PRELIMINARY

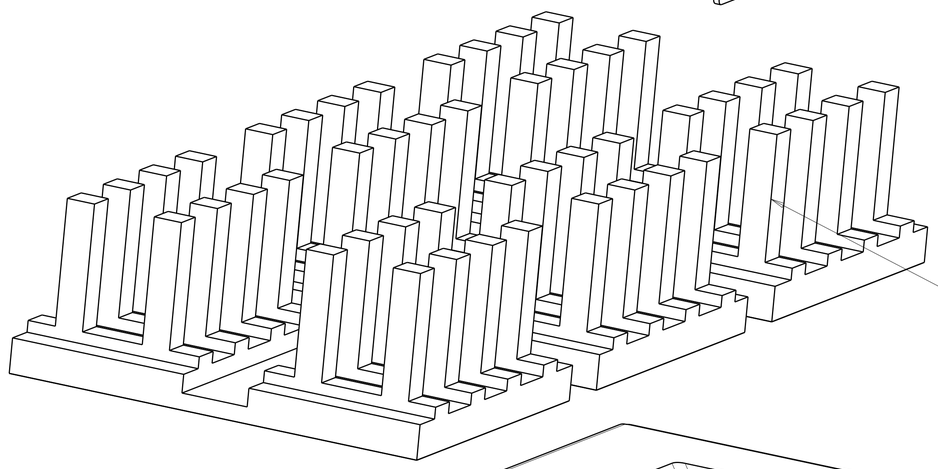
LOC	DIST
GP	00

REVISIONS

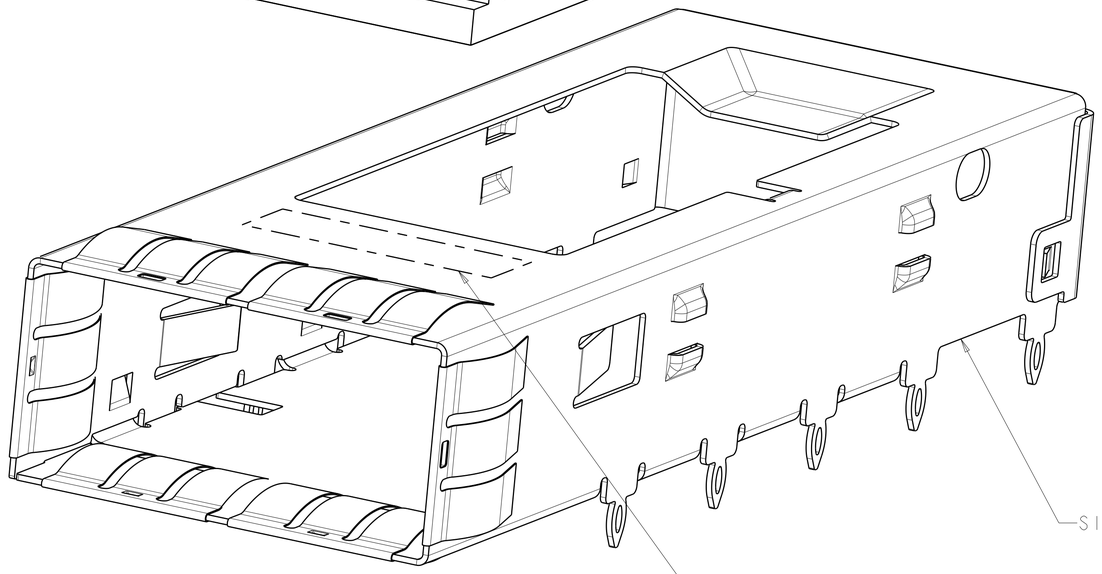
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



HEAT SINK CLIP 7



HEAT SINK 7



SINGLE QSFP CAGE ASSEMBLY

1

EXPLODED ASSEMBLY
SCALE 8:1

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2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN D ZHU 19SEP2012
CHK J YANG 19SEP2012
APVD A CAI 19SEP2012
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13217
WEIGHT -

TE Connectivity

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

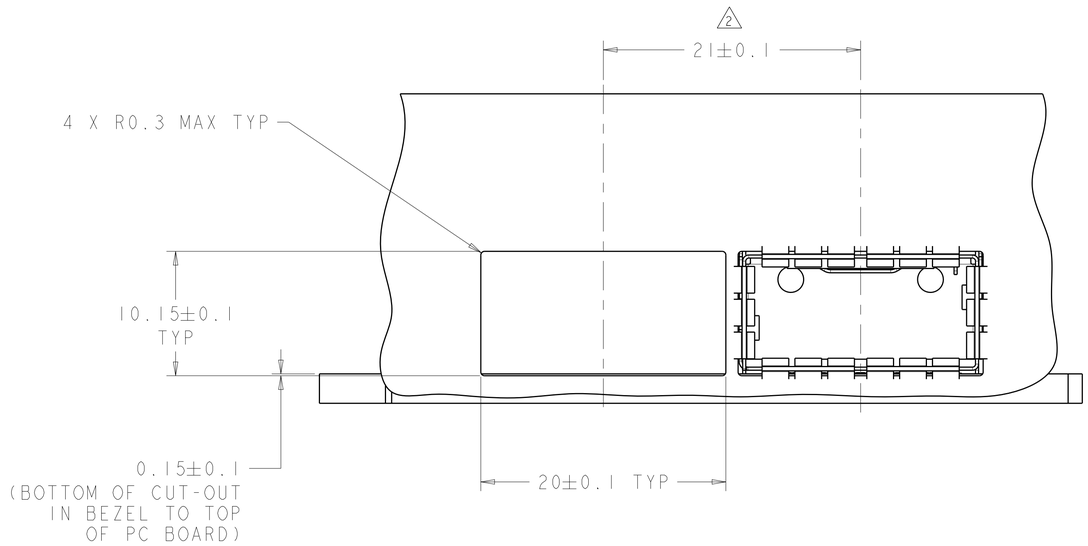
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170450	-

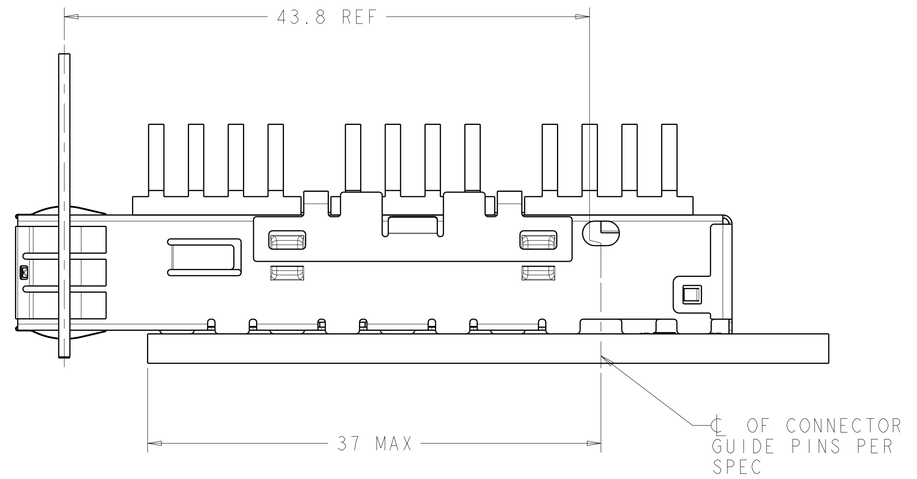
Customer Drawing | SCALE 2:1 | SHEET 2 OF 4 | REV I

LOC	DIST
GP	00

REVISIONS

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





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1 PLC ±0.25
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN D ZHU 19SEP2012
CHK J YANG 19SEP2012
APVD A CAI 19SEP2012
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13217
WEIGHT -

TE Connectivity

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

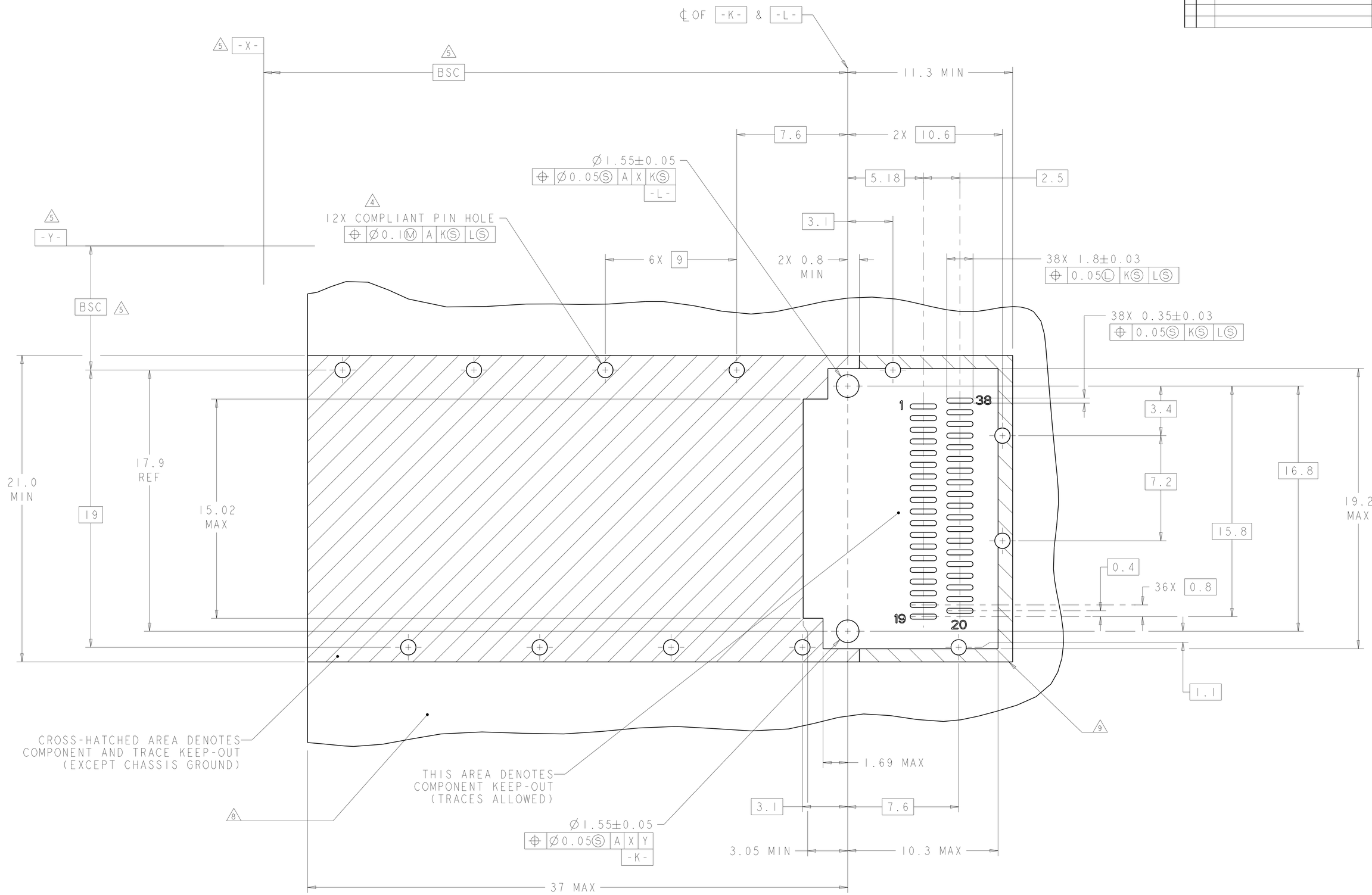
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170450	-

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

LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PCB LAYOUT
SCALE 8:1

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DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-
MATERIAL - -
FINISH - -

DWN D.ZHU 19SEP2012
CHK J.YANG 19SEP2012
APVD A.CAI 19SEP2012
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13217
WEIGHT -
Customer Drawing

TE Connectivity
NAME CAGE ASSEMBLY, THRU BEZEL , QSFP WITH HEAT SINK -
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2170450 | RESTRICTED TO -
SCALE 2:1 | SHEET 4 OF 4 | REV I