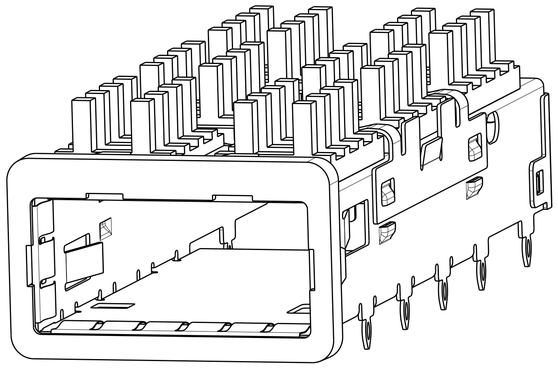
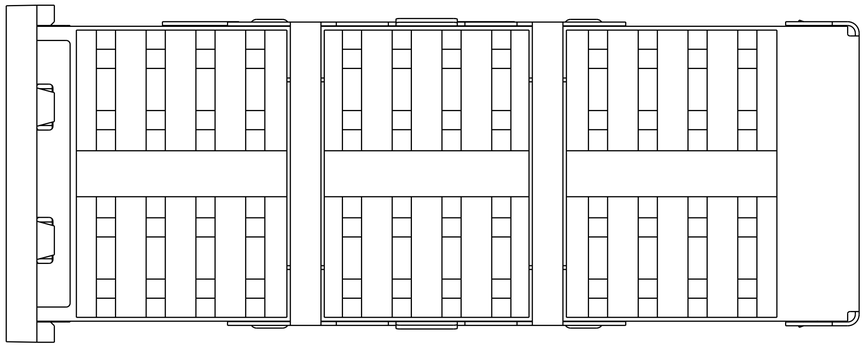
LOC	DIST
GP	00

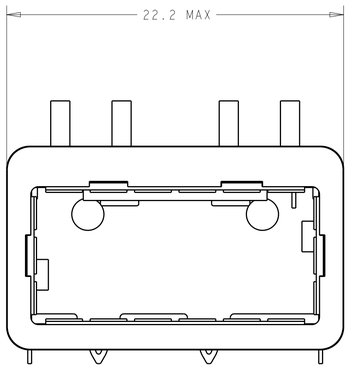
REVISIONS

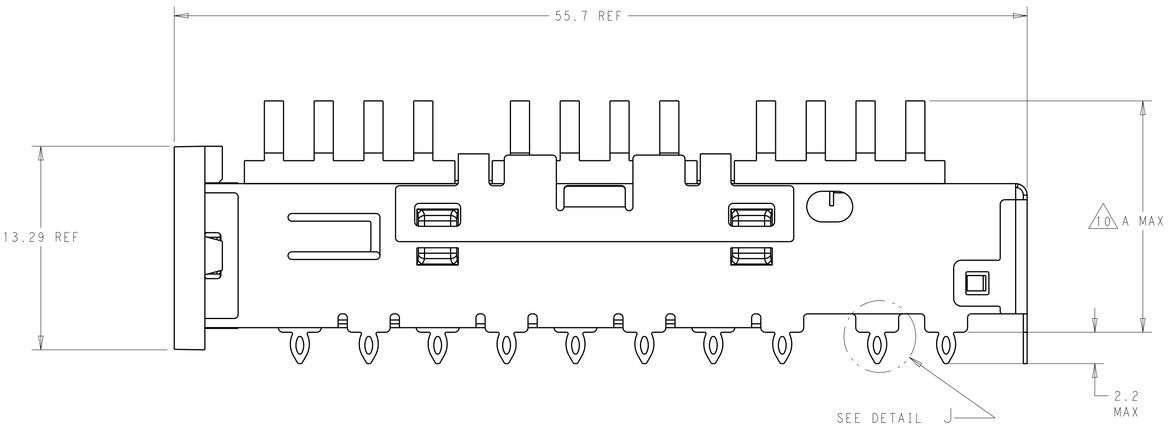
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-13-000076	17JAN2013	CJV	EDB

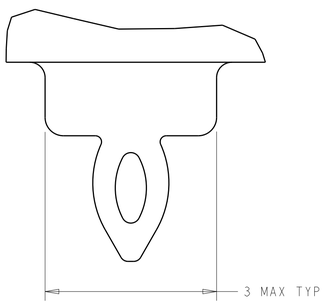




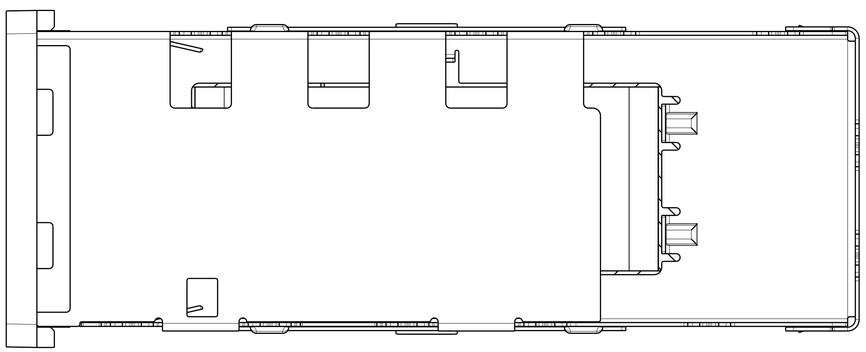
1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
   HEAT SINK MATERIAL: ALUMINUM
   HEAT SINK CLIP MATERIAL: STAINLESS STEEL
   EMI SPRING MATERIAL: COPPER ALLOY
   FRONT FLANGE MATERIAL: ZINC ALLOY
2. MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. REFERENCE APPLICATION SPEC 114-13218 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
   DOUBLE SIDED PC BOARD MINIMUM THICKNESS: 2.7.
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.







DETAIL J 9
SCALE 20:1



23.0	NETWORKING HEAT SINK	1551892-3
16.0	SAN HEAT SINK (SHOWN)	1551892-2
13.7	PCI HEAT SINK	1551892-1
A	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±0.13
1 PLC ±0.13
2 PLC ±0.13
3 PLC ±0.13
4 PLC ±0.13
ANGLES ±

MATERIAL 1

FINISH 12

DWN E.ZIJLSTRA 08NOV2010
CHK R.VERBEET 08NOV2010
APVD T.D.BOER 08NOV2010

TE Connectivity

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

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

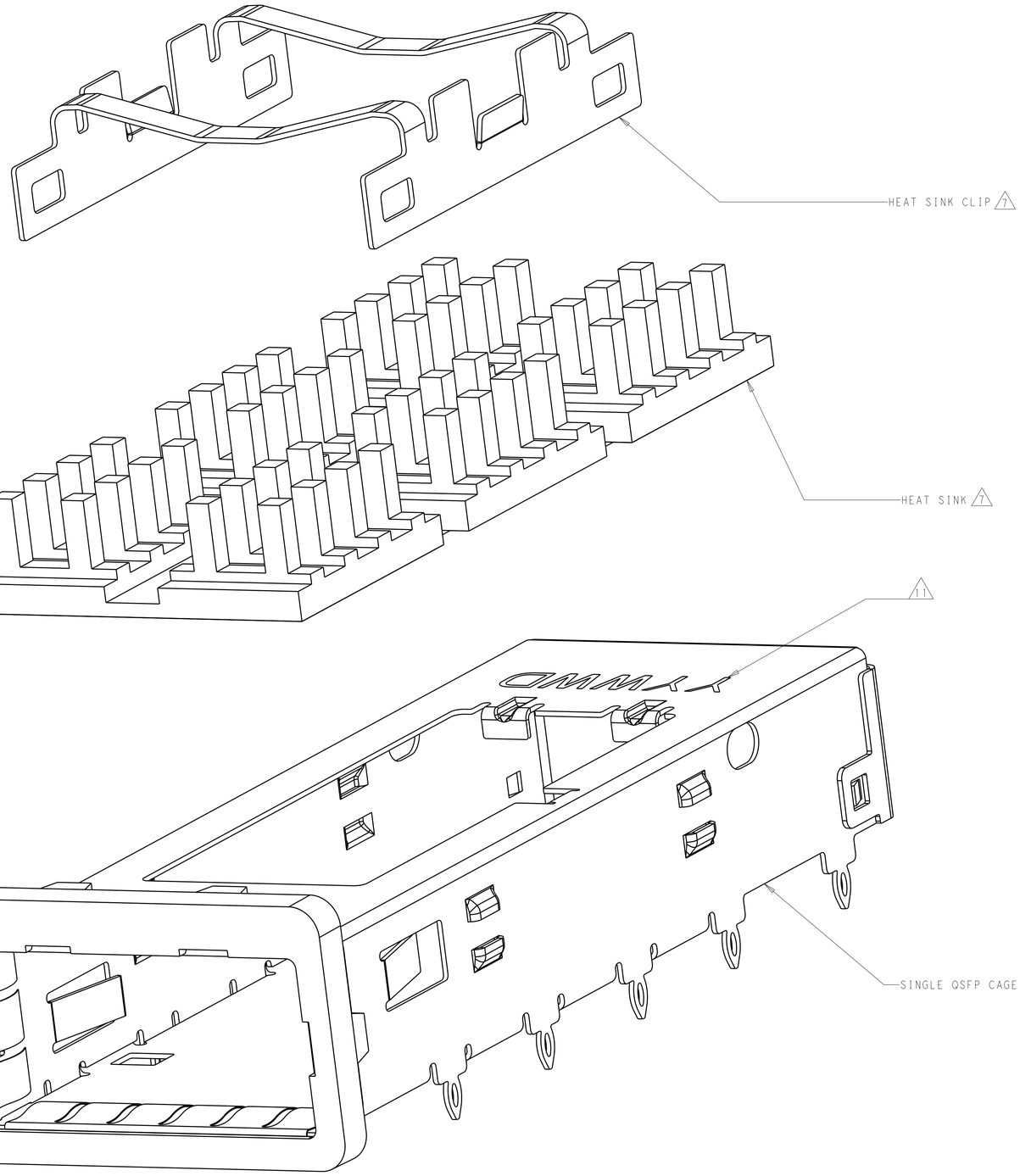
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1551892	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 5 | REV A

LOC	DIST
GP	00

REVISIONS

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



EXPLODED VIEW
SCALE 8:1

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DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

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3 PLC ±0.13
4 PLC ±0.13
ANGLES ±-

MATERIAL
FINISH

DWN E ZIJLSTRA 08NOV2010
CHK R VERBEET 08NOV2010
APVD T D BOER 08NOV2010
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

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

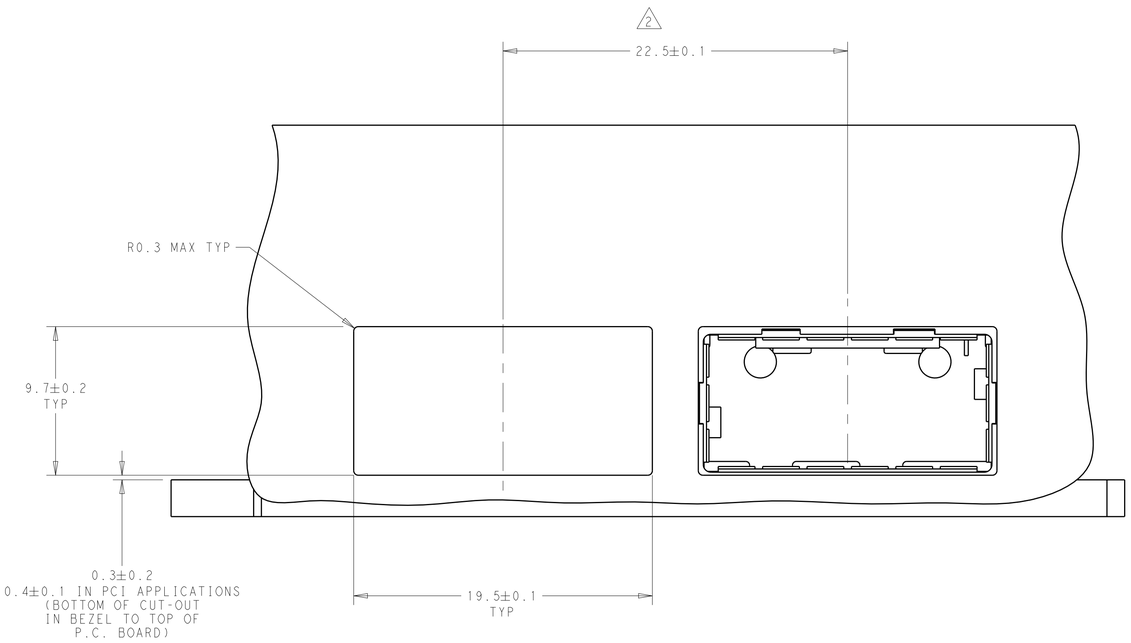
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1551892	-

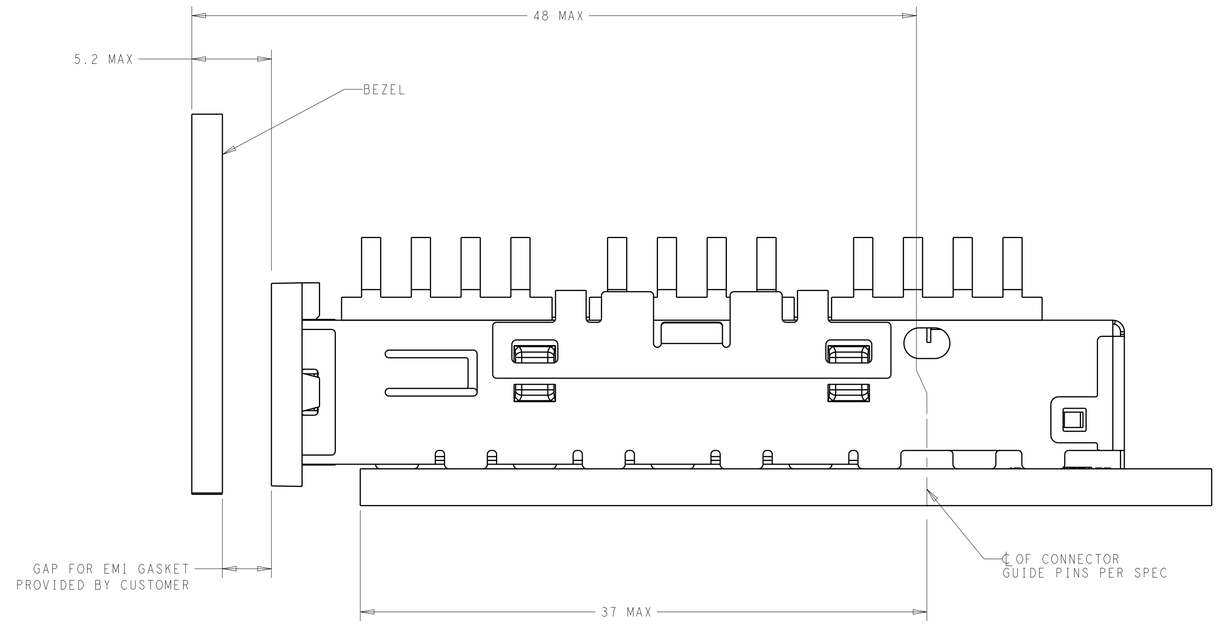
CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 5 | REV A

LOC	DIST
GP	00

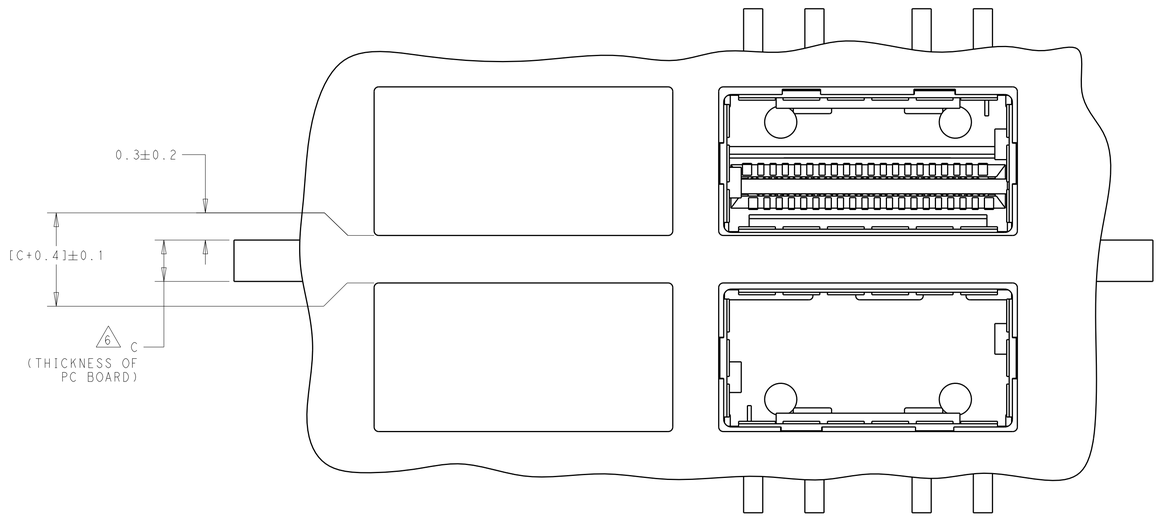
REVISIONS

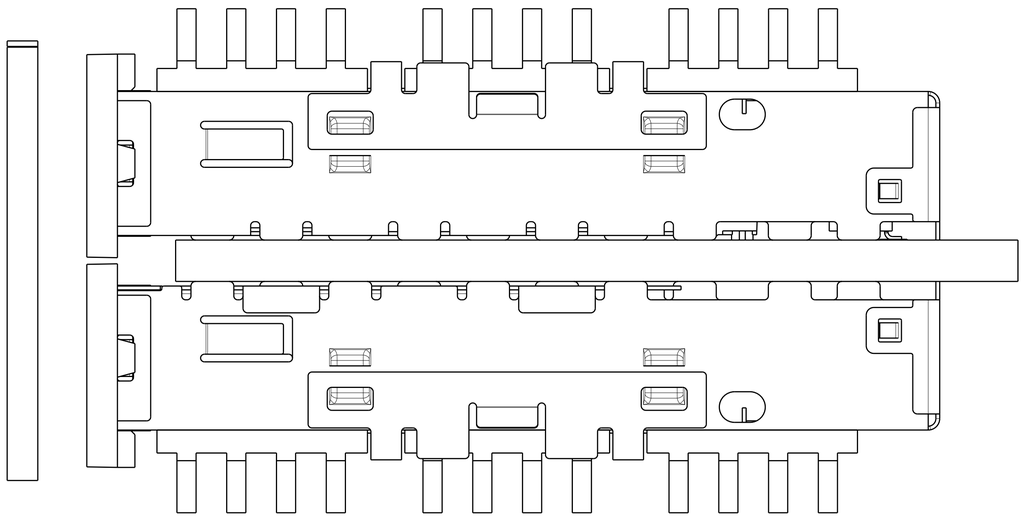
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





ONE SIDED CONFIGURATION





BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED EXCEPT
WHERE NOTED

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING
PER ASME Y14.5M-2009

DIMENSIONS: mm

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0 PLC	±0.13
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2 PLC	±0.13
3 PLC	±0.13
4 PLC	±0.13
ANGLES	±

MATERIAL

FINISH

DWN	E.ZIJLSTRA 08NOV2010
CHK	R.VERBEET 08NOV2010
APVD	T.D.BOER 08NOV2010
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: CAGE ASSEMBLY, BEHIND BEZEL, ZQSFP, WITH HEAT SINK
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1551892	-

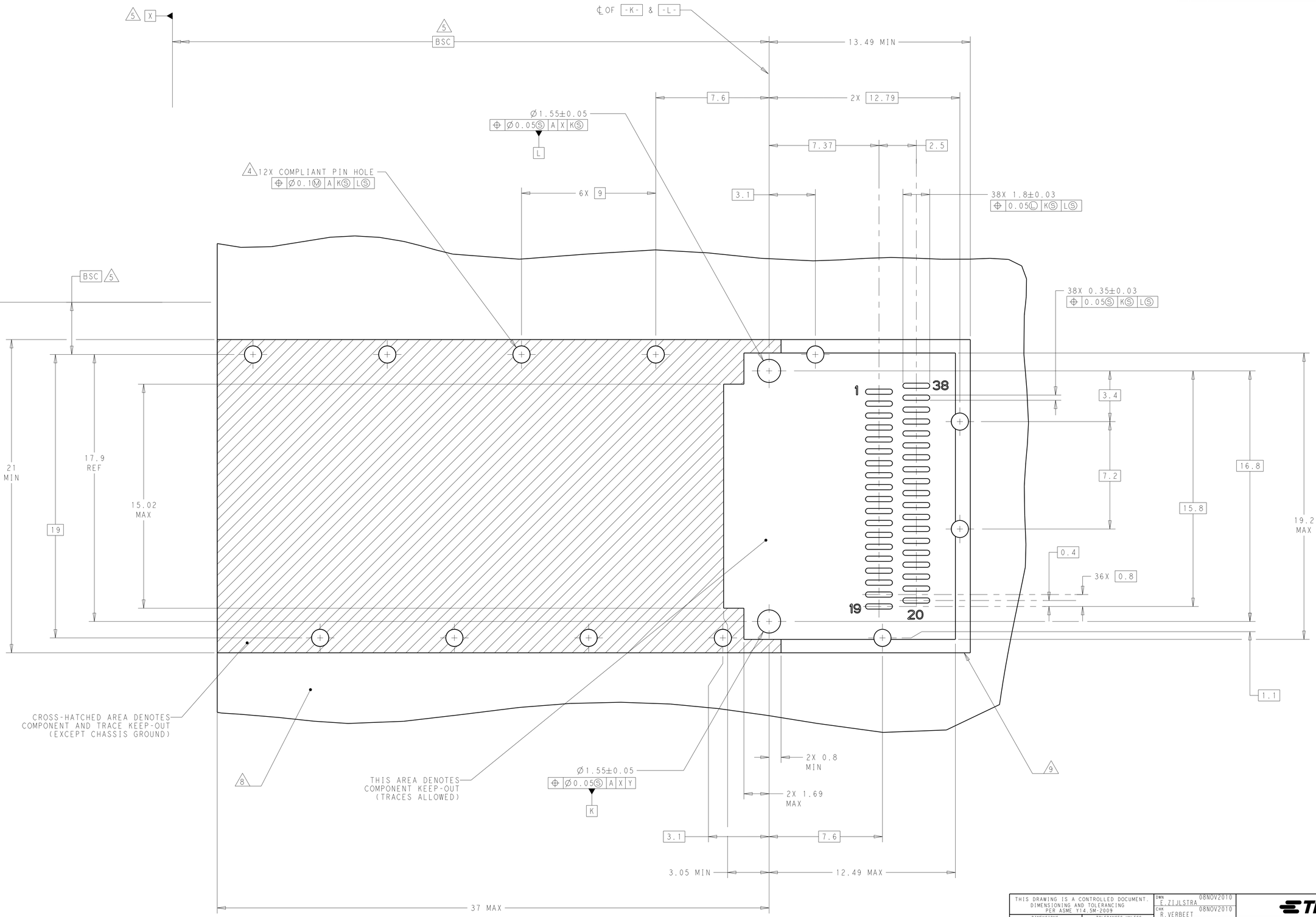
CUSTOMER DRAWING

SCALE	SHEET	OF	REV
5:1	3	5	A

LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PCB LAYOUT
SINGLE SIDED CONFIGURATION
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

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

MATERIAL

FINISH

DWN	E ZIJLSTRA 08NOV2010
CHK	R VERBEET 08NOV2010
APVD	T D BOER 08NOV2010
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: CAGE ASSEMBLY, BEHIND BEZEL, ZQSFP, WITH HEAT SINK
-

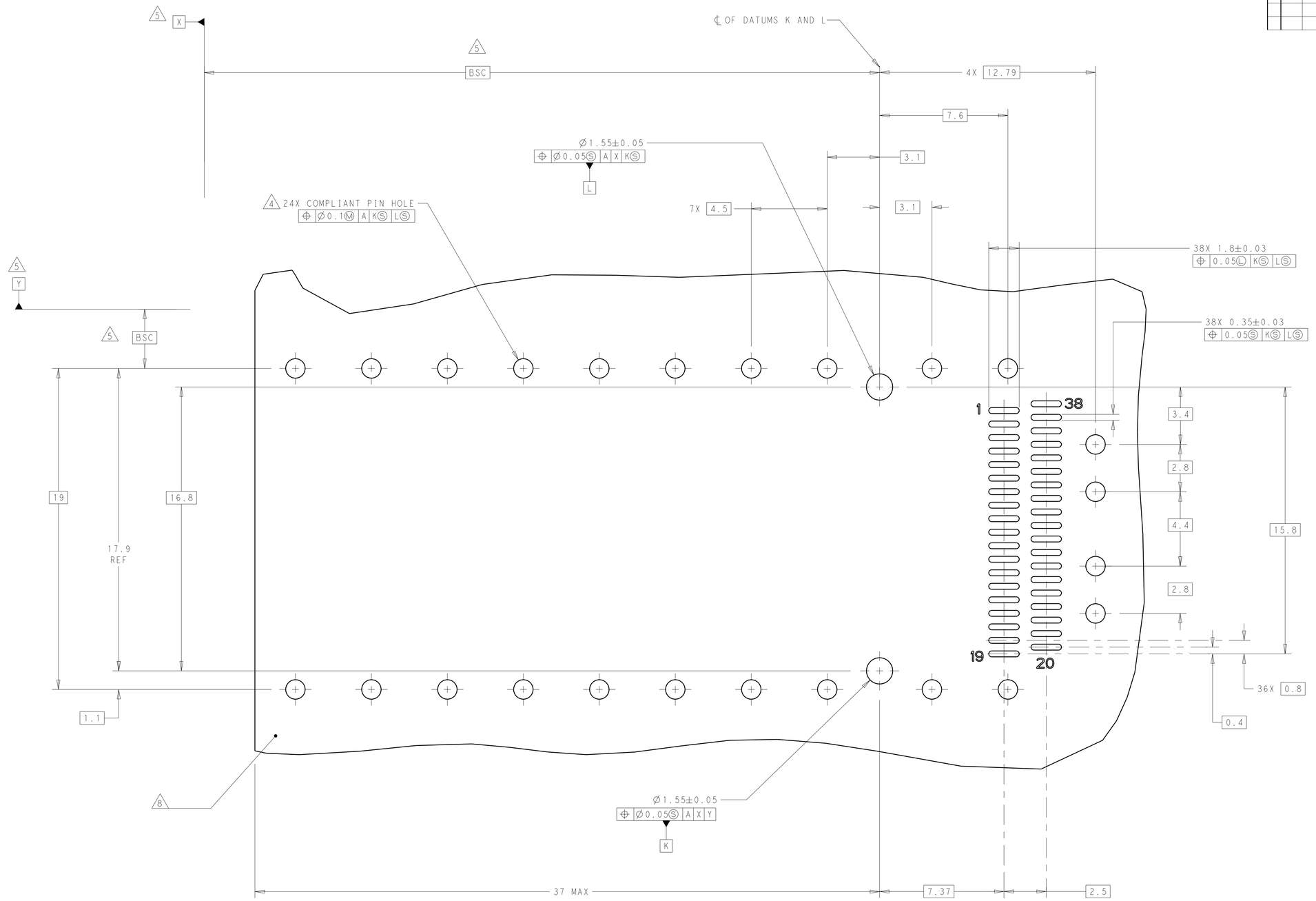
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1551892	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 5 | REV A

LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PCB LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 4 FOR KEEP OUT AREAS
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

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0 PLC ±0.13
1 PLC ±0.13
2 PLC ±0.13
3 PLC ±0.13
4 PLC ±0.13
ANGLES ±

MATERIAL
FINISH

DWN	E.ZIJLSTRA 08NOV2010
CHK	R.VERBEET 08NOV2010
APVD	T.D.BOER 08NOV2010
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: CAGE ASSEMBLY, BEHIND BEZEL, ZQSFP, WITH HEAT SINK
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1551892	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 5 | REV A