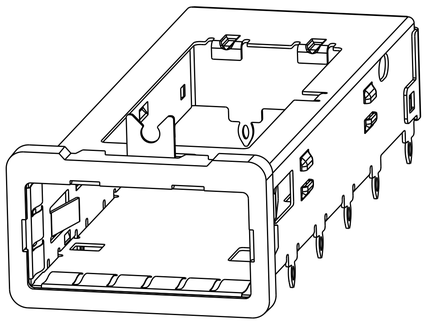
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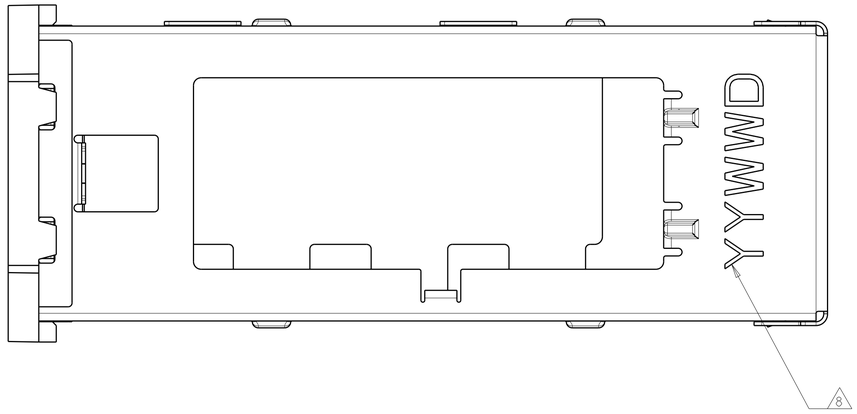
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GP	00

REVISIONS

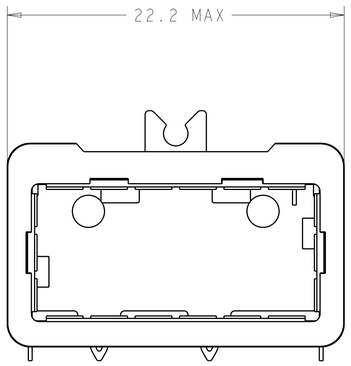
P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	PRELIMINARY	30JUN2011	AL	CW
	2	REVISED PR ECO-14-018993	2APR2015	RG	MC

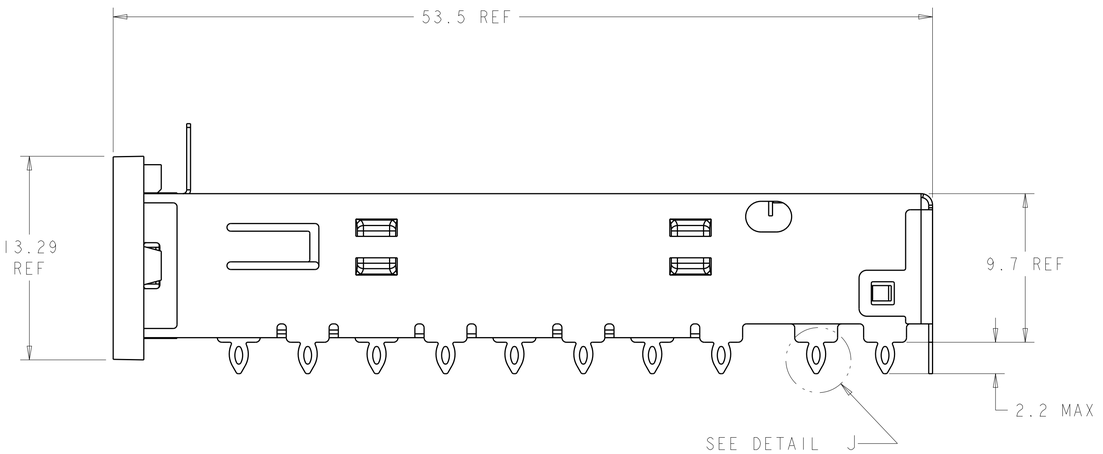


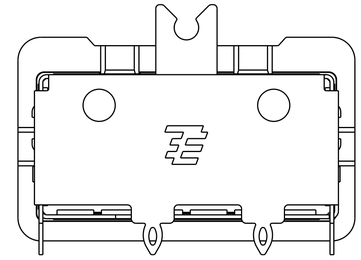
ISOMETRIC VIEW
SCALE 4:1

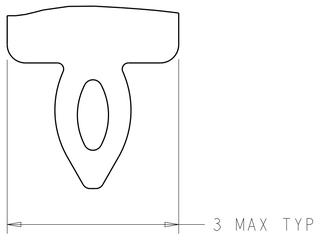


1. SURFACE TRACES PERMITTED WITHIN THIS LENGTH EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.
2. MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.
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. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
8. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
9. CAGE MATERIAL: 0.25 THICK NICKEL SILVER
   EMI SPRING MATERIAL: COPPER ALLOY
   FRONT FLANGE MATERIAL: ZINC ALLOY.
10. EMI SPRING FINISH: 2um MIN TIN
    FRONT FLANGE FINISH: 3um MIN THICK TIN OVER 1.27um MIN THICK NICKEL OVER 5.08um MIN THICK COPPER.
11. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

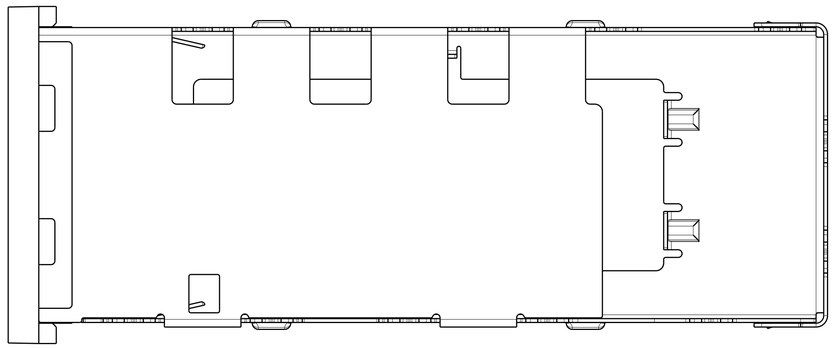








DETAIL J 1
SCALE 20:1



2170111-1
PART NUMBER

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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 - 9
FINISH - 10

DWN AL 27JUN2011
CHK DZ 28JUN2011
APVD CW 30JUN2011
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170111	-

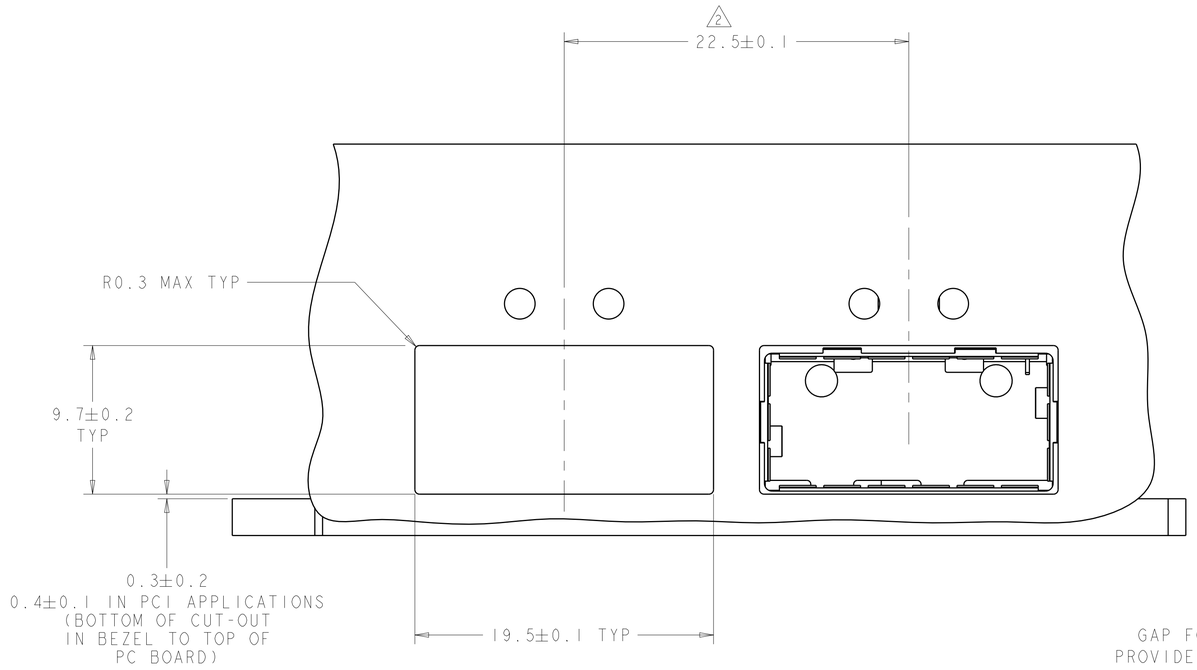
Customer Drawing | SCALE 5:1 | SHEET 1 OF 4 | REV 2

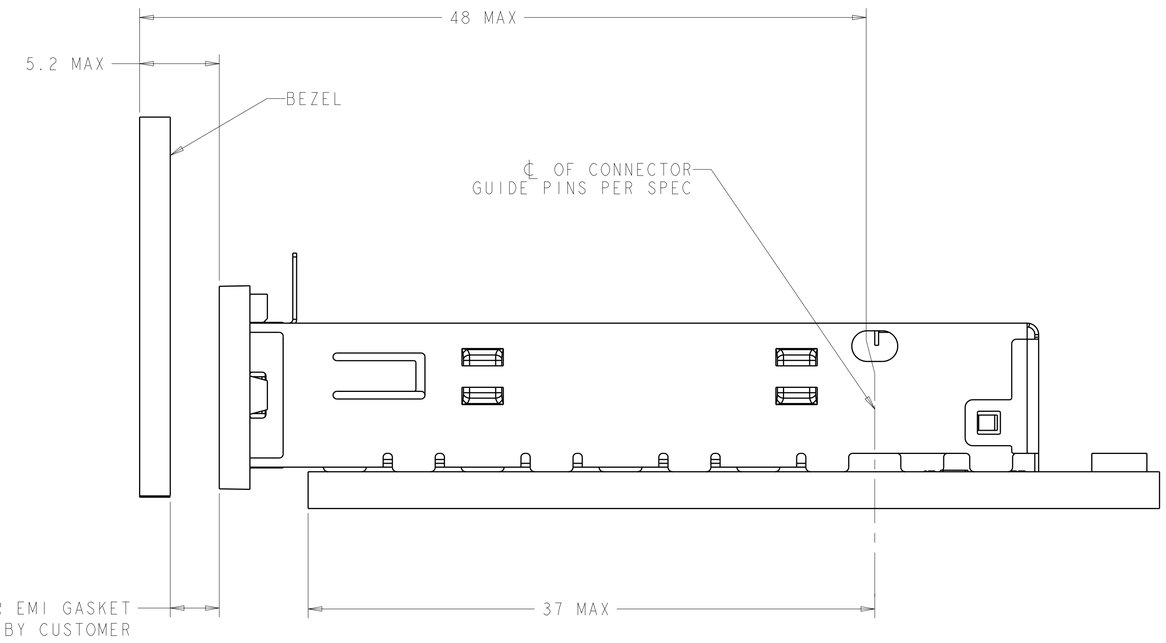
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LOC	DIST
GP	00

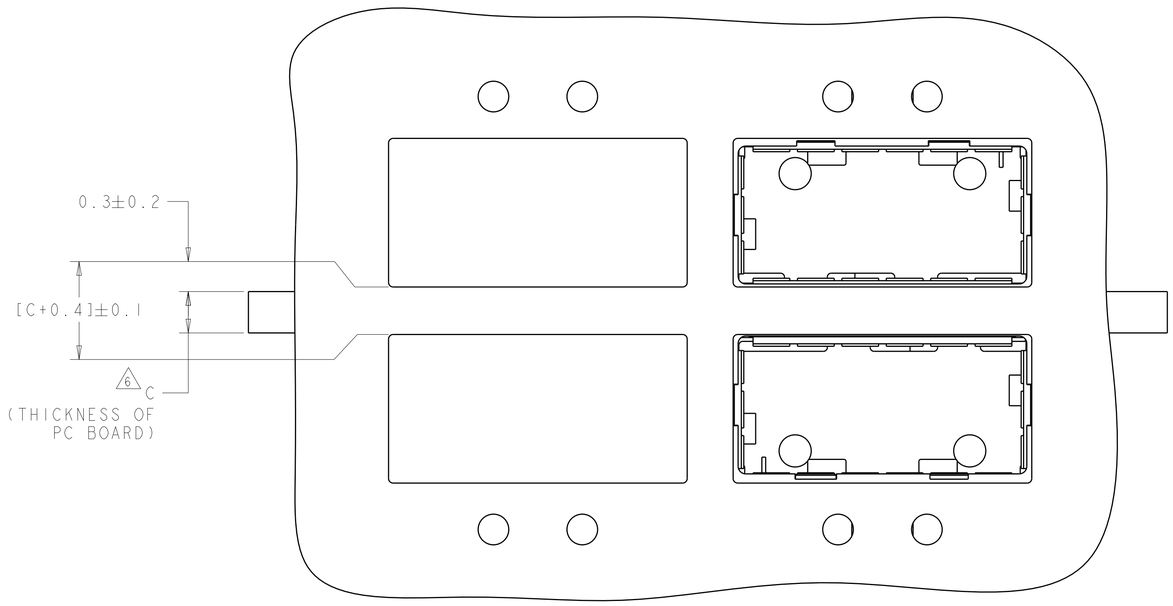
REVISIONS

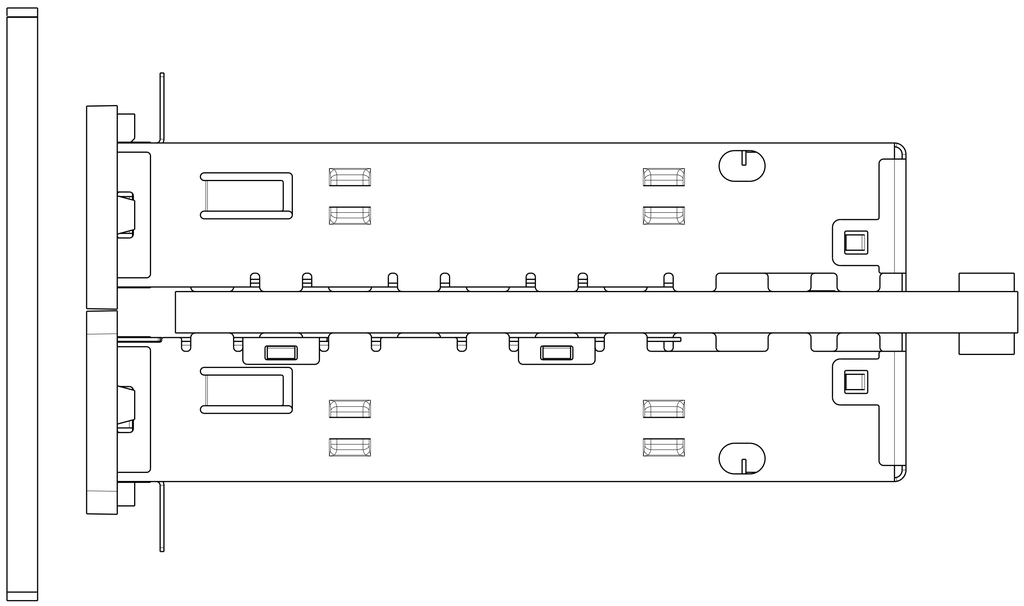
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





ONE SIDED CONFIGURATION





BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED EXCEPT
WHERE NOTED

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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 -
FINISH -

DWN AL	27JUN2011
CHK DZ	28JUN2011
APVD CW	30JUN2011
PRODUCT SPEC	108-2286
APPLICATION SPEC	114-13218
WEIGHT -	

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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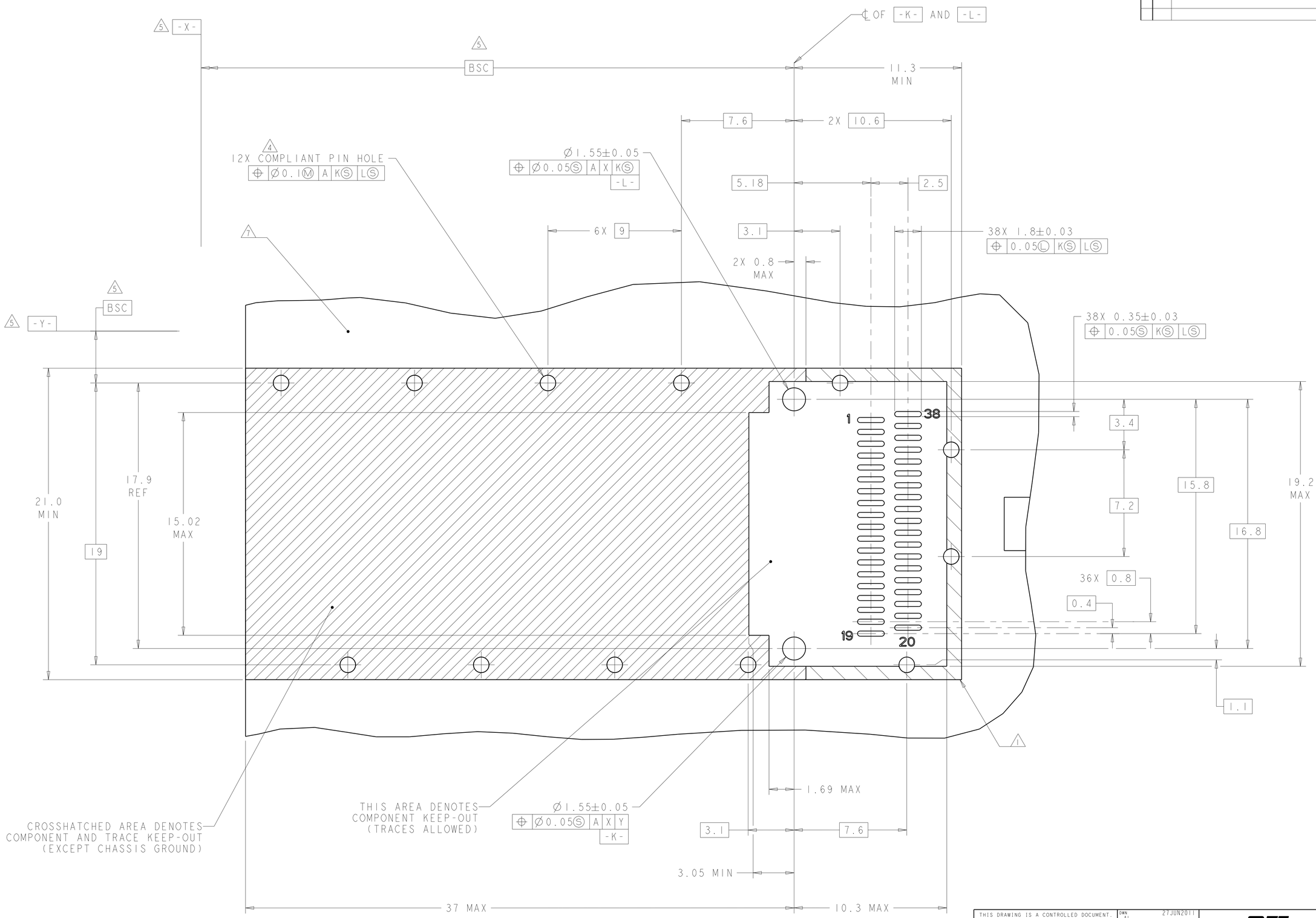
Customer Drawing | SCALE 5:1 | SHEET 2 OF 4 | REV 2

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LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED SINGLE-SIDE
PC BOARD LAYOUT
SCALE 8:1

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 - -
FINISH - -

DWN AL 27JUN2011
CHK DZ 28JUN2011
APVD CW 30JUN2011
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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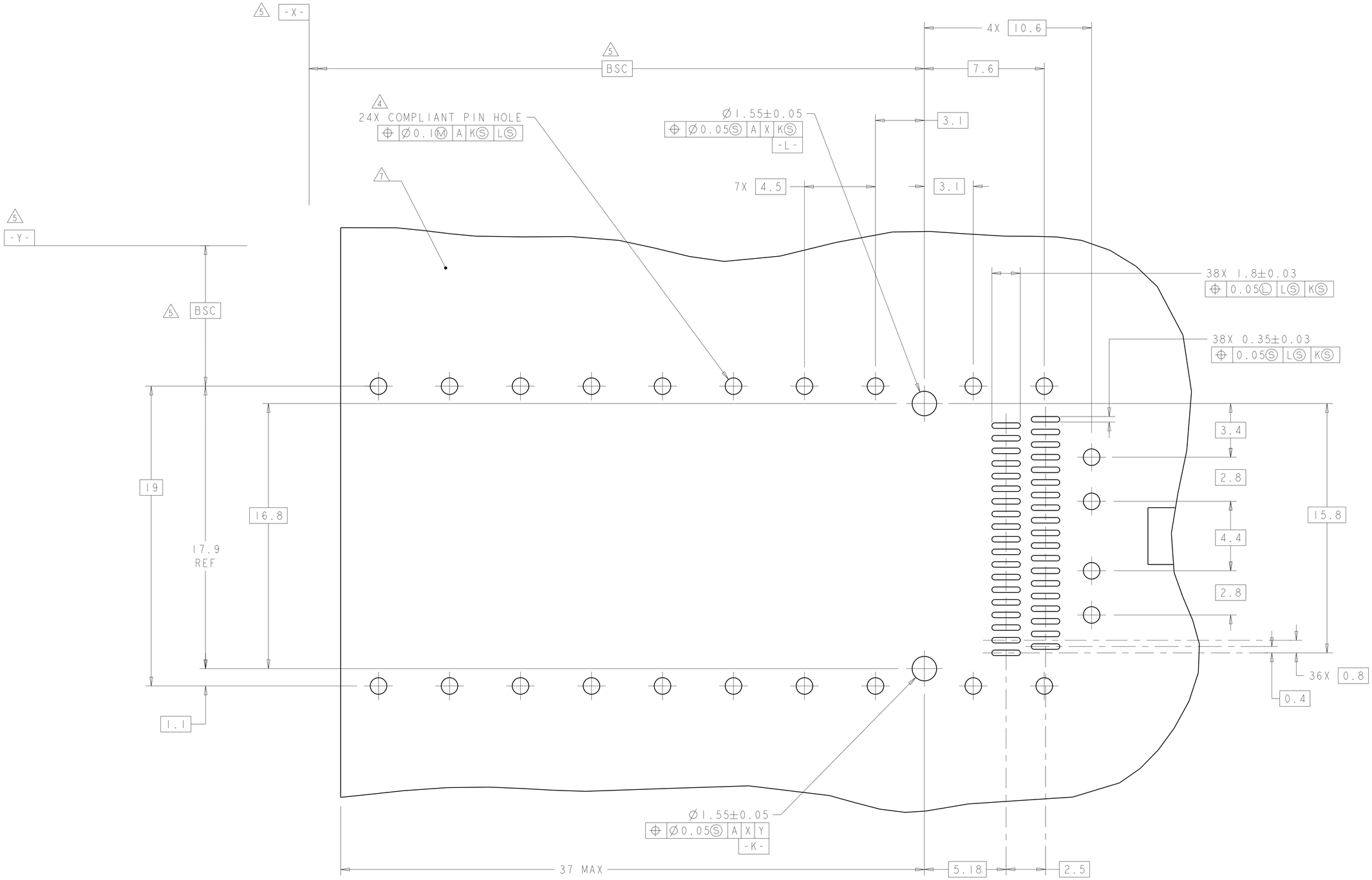
Customer Drawing | SCALE 5:1 | SHEET 3 OF 4 | REV 2

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LOC	DIST
GP	00

REVISIONS

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



RECOMMENDED PCB LAYOUT
BELLY TO BELLY CONFIGURATION
SEE SHEET 3 FOR KEEP OUT AREAS
SCALE 8:1

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 - -
FINISH - -

DWN AL 27JUN2011
CHK DZ 28JUN2011
APVD CW 30JUN2011
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

NAME CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2170111	-

Customer Drawing | SCALE 5:1 | SHEET 4 OF 4 | REV 2