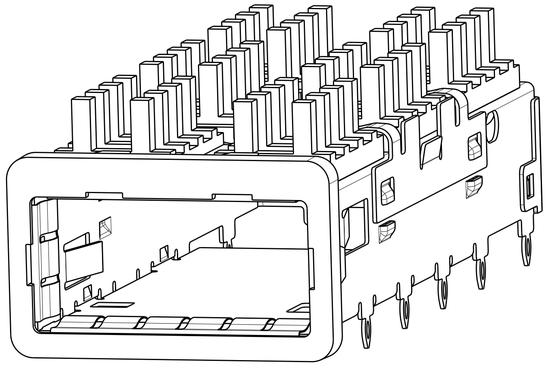
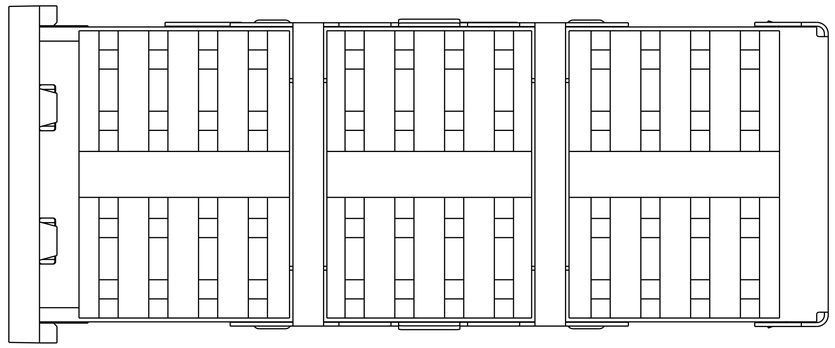
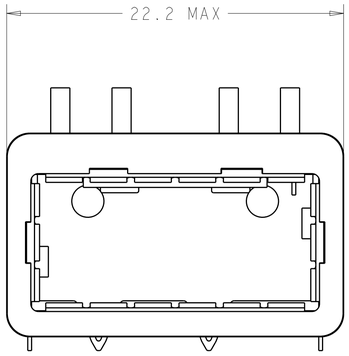
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2008
© COPYRIGHT 2008 BY - ALL RIGHTS RESERVED.

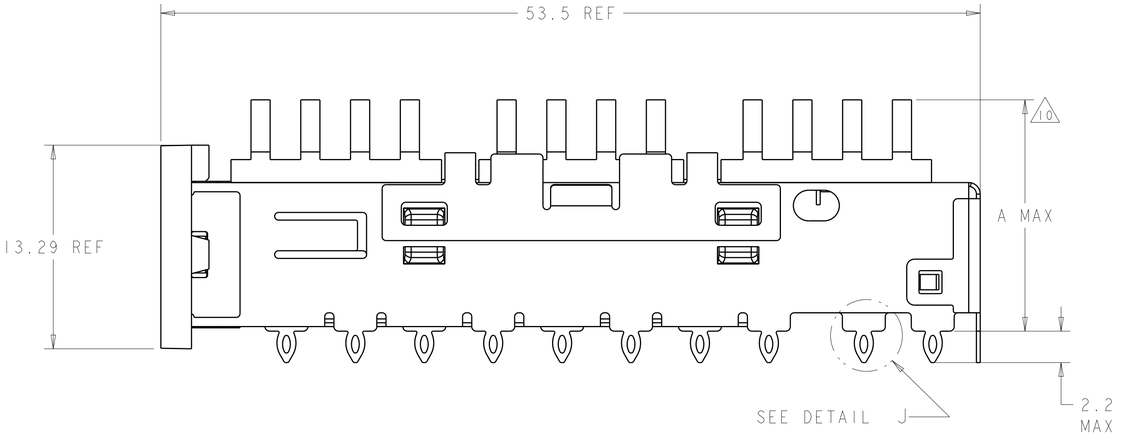
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	REV PER ECO-14-016878	24NOV2014	RG	MC

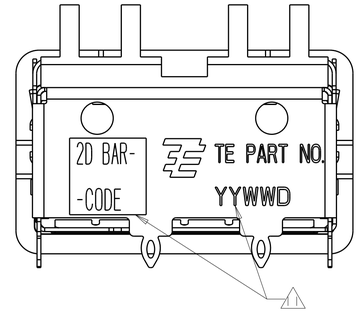


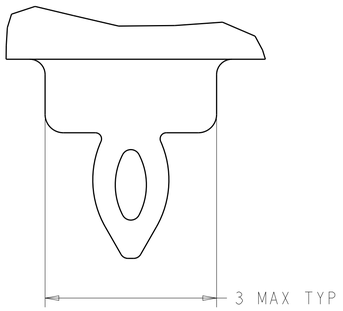


1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
2. MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. REFERENCE APPLICATION SPEC 114-13218 FOR 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. 2D BARCODE AND DATE CODE (YYWWD) MARKED ON BACK OF CAGE.
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.

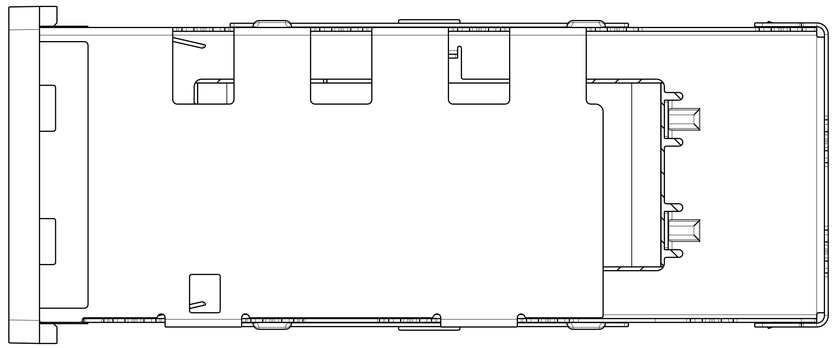








DETAIL J 9
SCALE 20:1



23.0	NETWORKING HEAT SINK	1888968-3
16.0	SAN HEAT SINK (SHOWN)	1888968-2
13.7	PCI HEAT SINK	1888968-1
A	DESCRIPTION	PART NUMBER

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 C. VALENTINE 19FEB2007
CHK E. BRIGHT 19FEB2007
APVD E. BRIGHT 19FEB2007
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

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

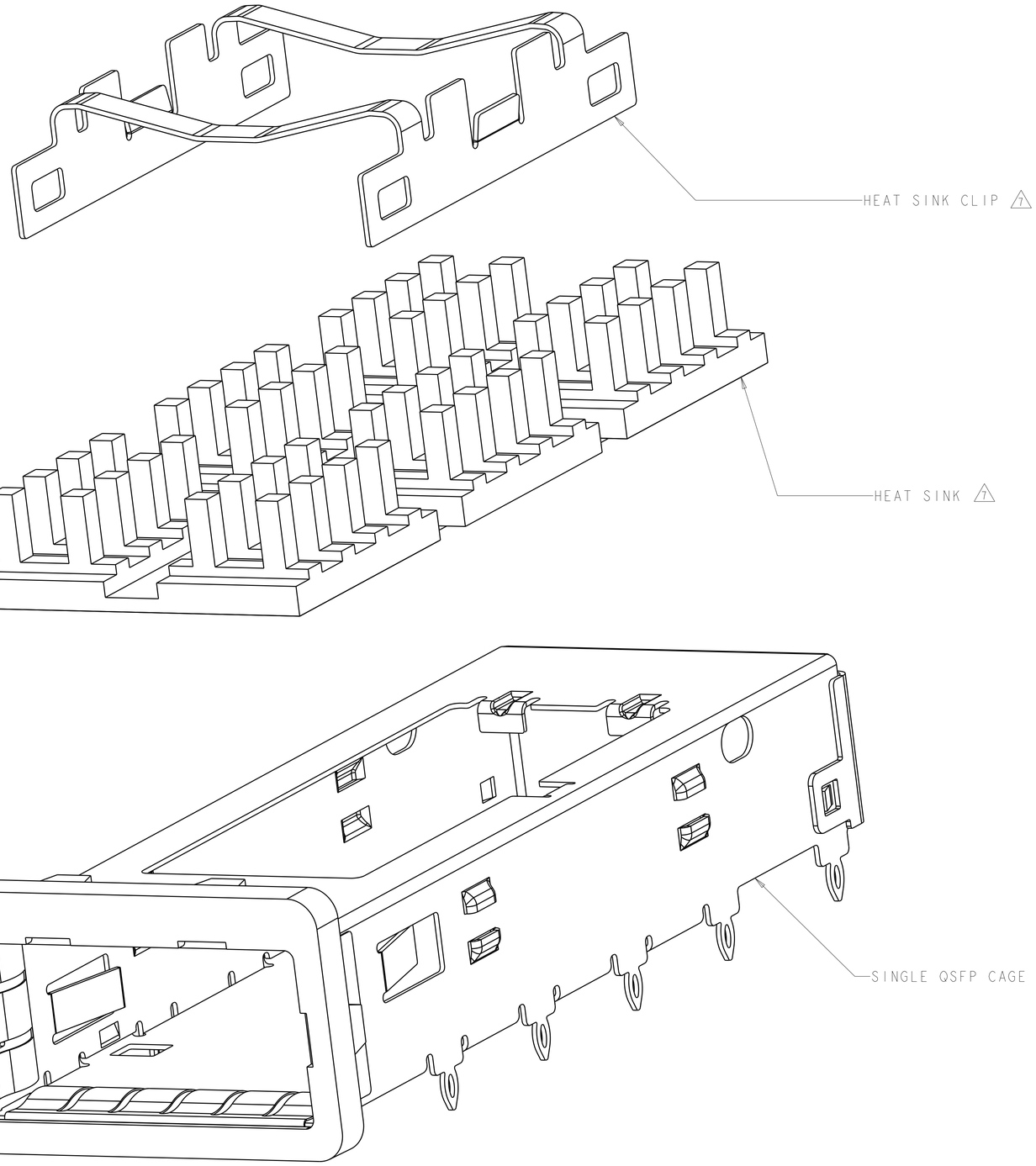
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1888968	-

CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 5 REV B1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2008
© COPYRIGHT 2008 BY - ALL RIGHTS RESERVED.

REVISIONS

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



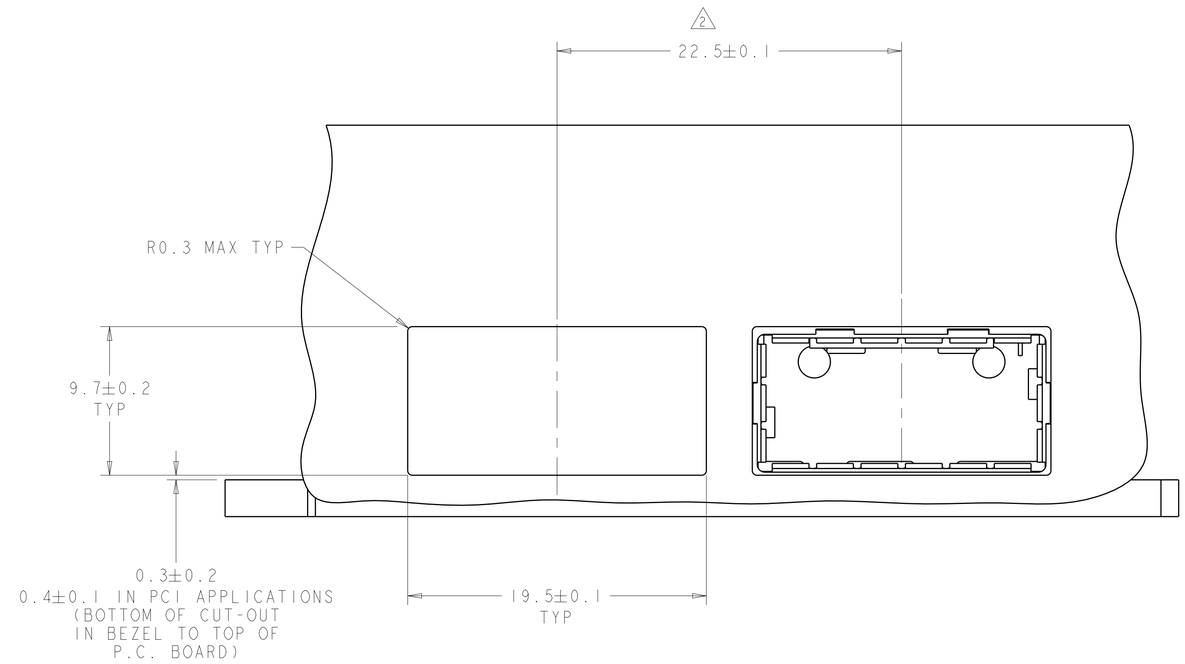
EXPLODED VIEW
SCALE 8:1

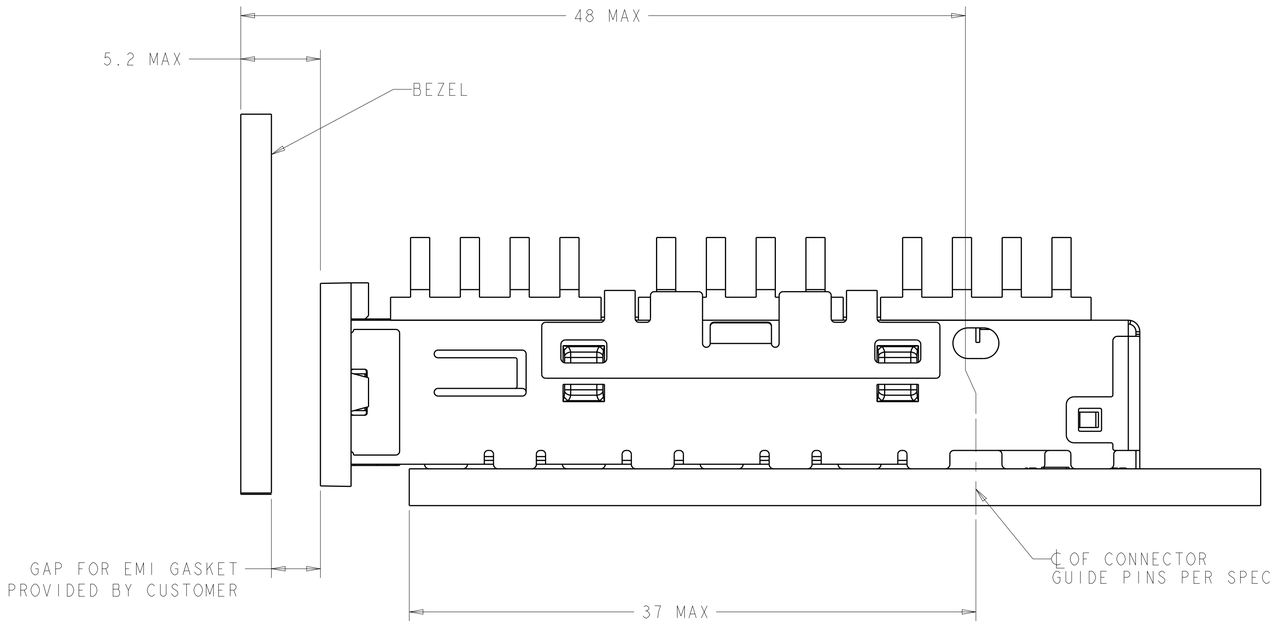
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN C. VALENTINE 19FEB2007	TE Connectivity	
DIMENSIONS: mm	CHK E. BRIGHT 19FEB2007	NAME CAGE ASSEMBLY, BEHIND BEZEL, QSFP, WITH HEAT SINK -	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±-	APVD E. BRIGHT 19FEB2007	SIZE A1	CAGE CODE 00779
	PRODUCT SPEC 108-2286	DRAWING NO C-1888968	RESTRICTED TO -
	APPLICATION SPEC 114-13218		
MATERIAL - -	WEIGHT -	CUSTOMER DRAWING	SCALE 5:1 SHEET 2 OF 5 REV B1
FINISH - -			

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2008
© COPYRIGHT 2008 BY - ALL RIGHTS RESERVED.

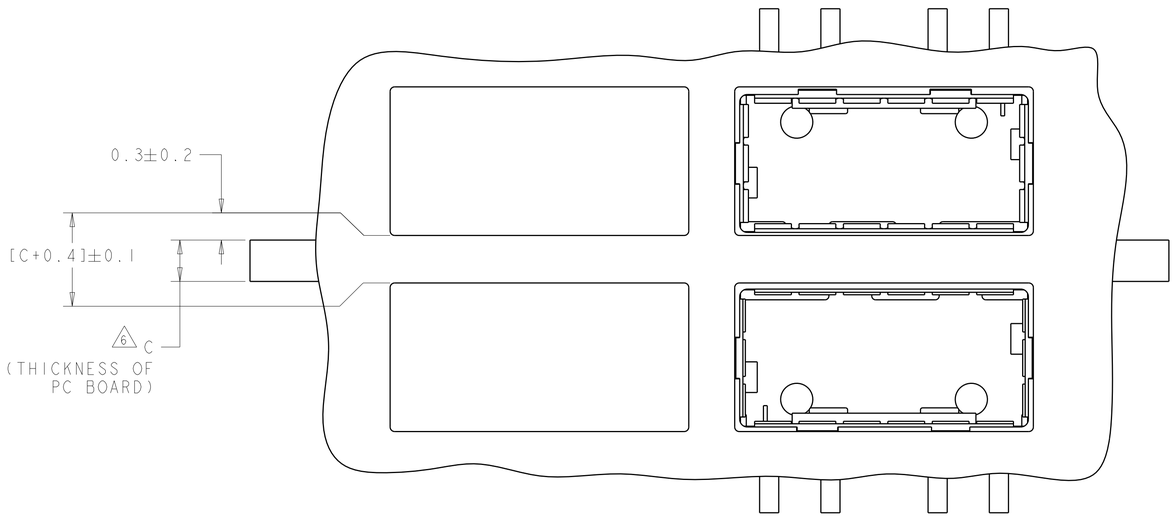
REVISIONS

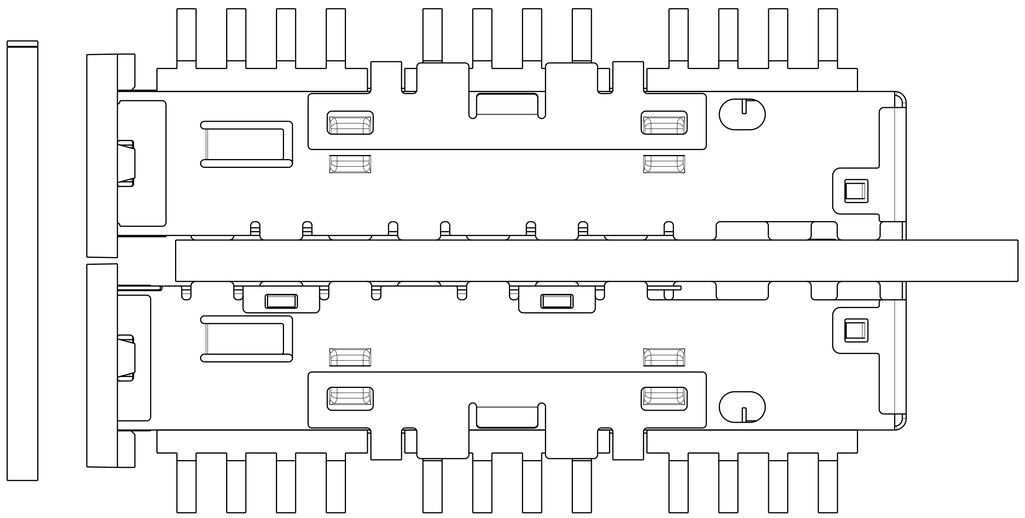
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-





ONE SIDED CONFIGURATION





BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED EXCEPT
WHERE NOTED

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 C. VALENTINE 19FEB2007
CHK E. BRIGHT 19FEB2007
APVD E. BRIGHT 19FEB2007

PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218
WEIGHT -

TE Connectivity

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

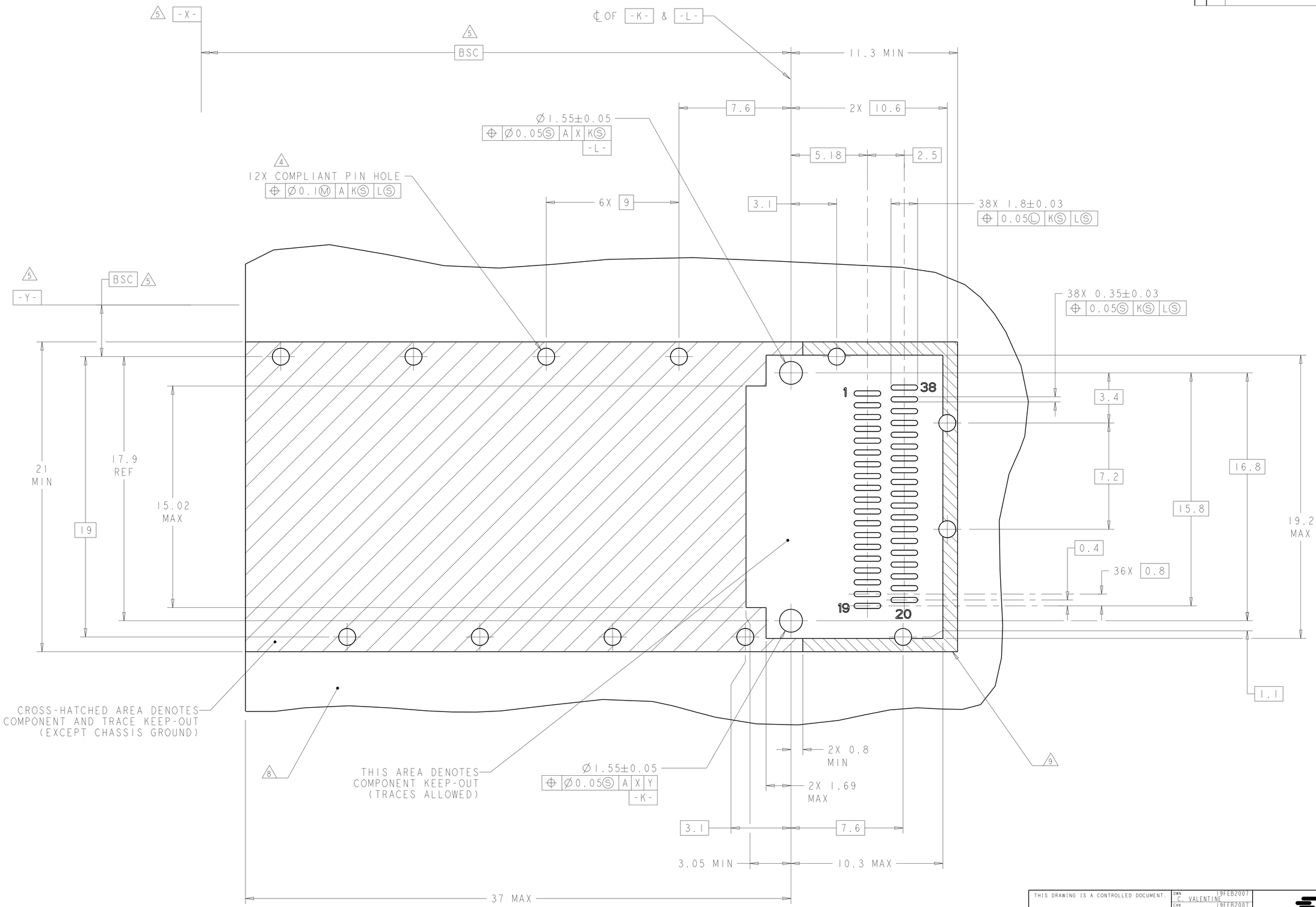
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1888968	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 3 OF 5 | REV B1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2008
© COPYRIGHT 2008 BY - ALL RIGHTS RESERVED.

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.

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 -
WEIGHT -

DWN C. VALENTINE 19FEB2007
CHK E. BRIGHT 19FEB2007
APVD E. BRIGHT 19FEB2007
PRODUCT SPEC 108-2286
APPLICATION SPEC 114-13218

TE Connectivity

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

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1888968 | RESTRICTED TO -

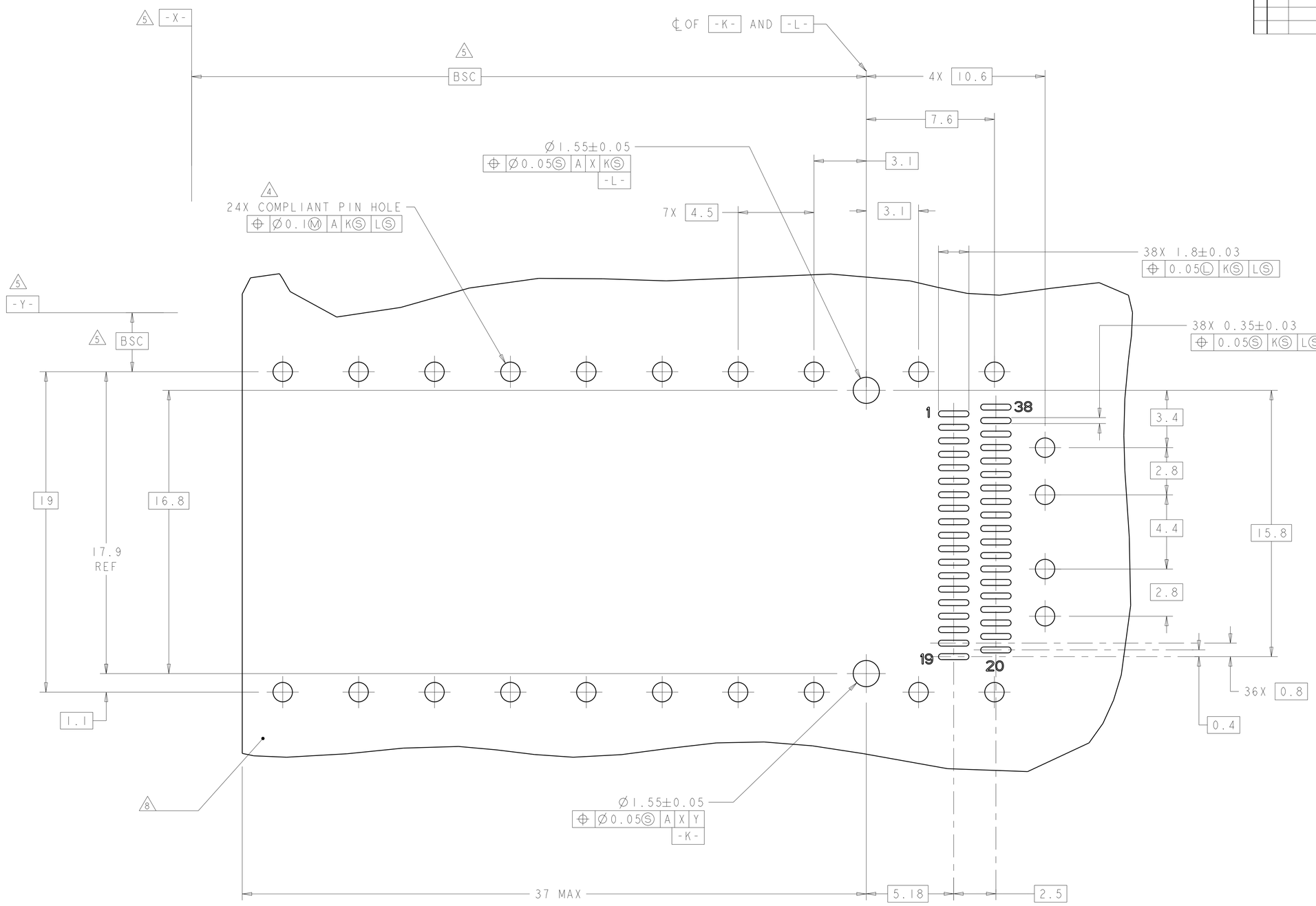
CUSTOMER DRAWING | SCALE 4:1 | SHEET 4 OF 5 | REV B1

4805 (3/13)

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2008
© COPYRIGHT 2008 BY - ALL RIGHTS RESERVED.

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.

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 C VALENTINE 19FEB2007
CHK E BRIGHT 19FEB2007
APVD E BRIGHT 19FEB2007
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-1888968	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 5 OF 5 | REV B1

4805 (3/13)