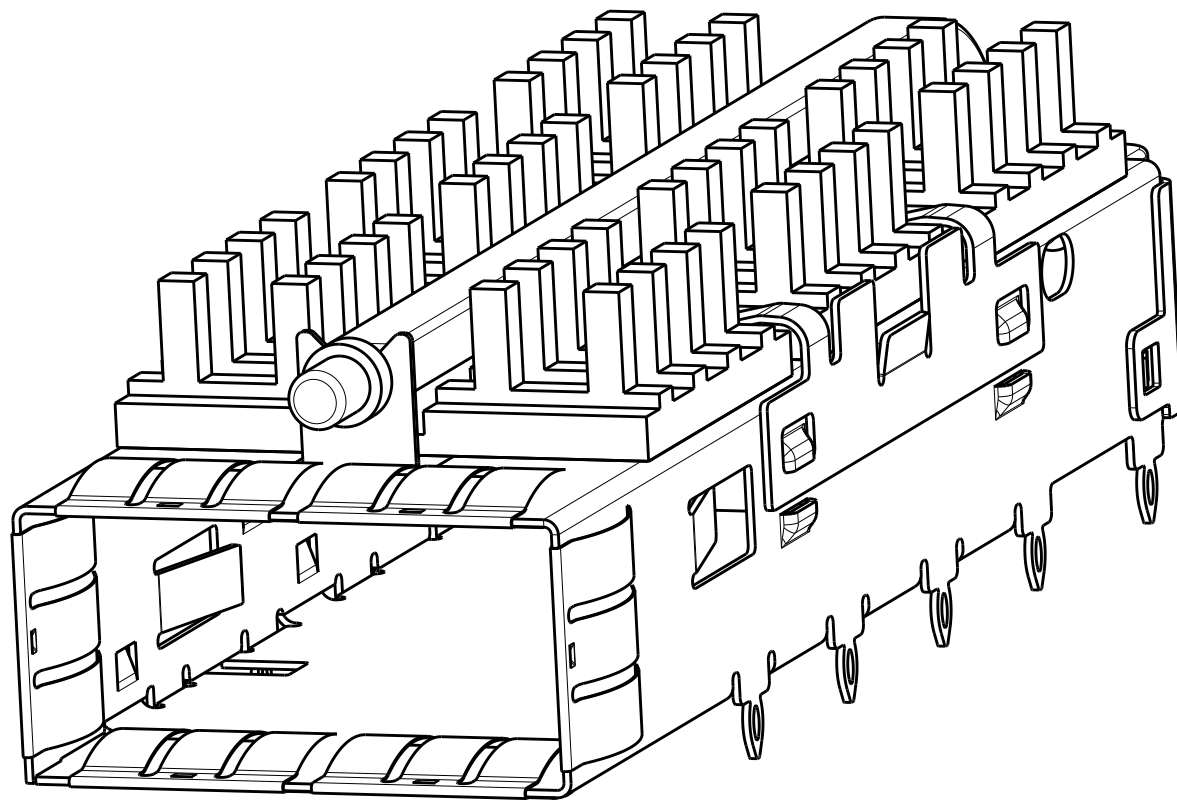
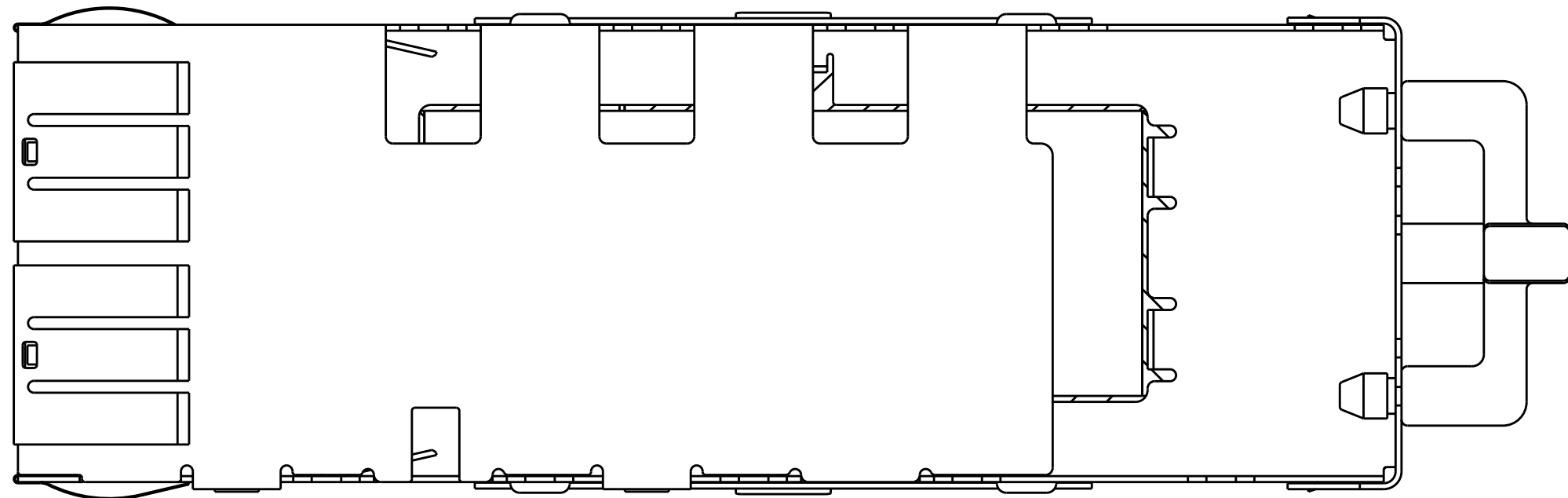
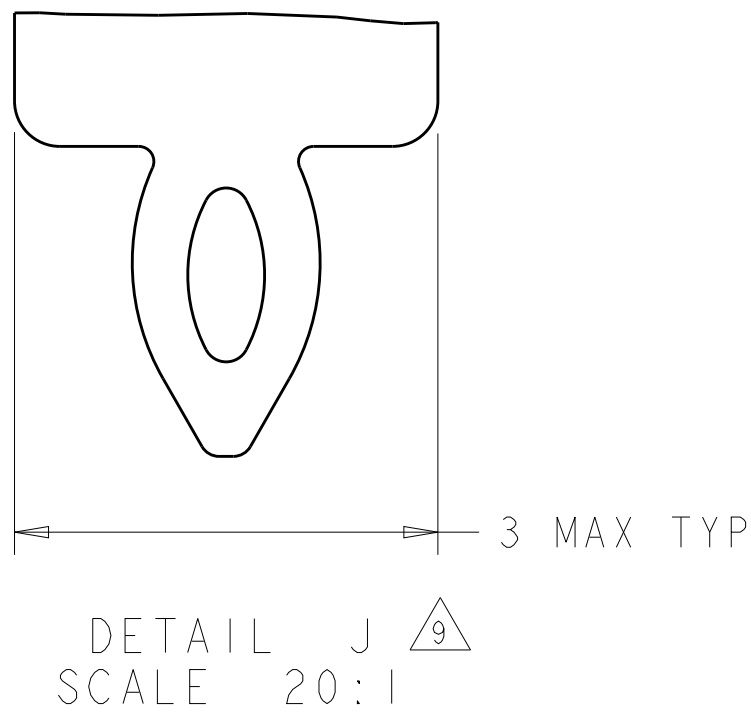
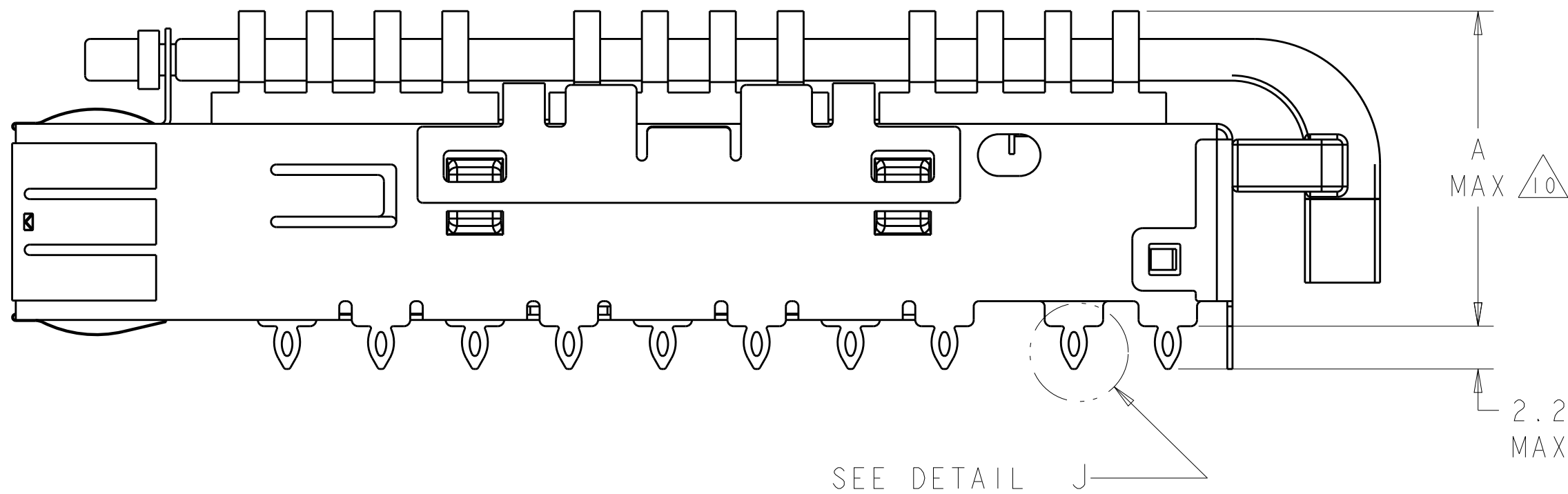
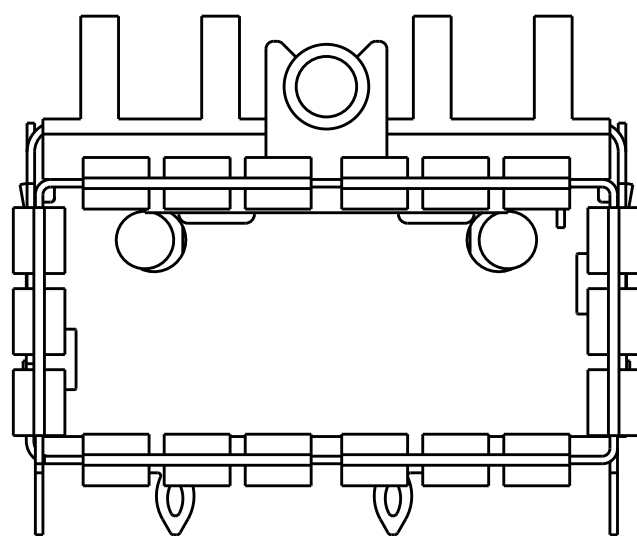
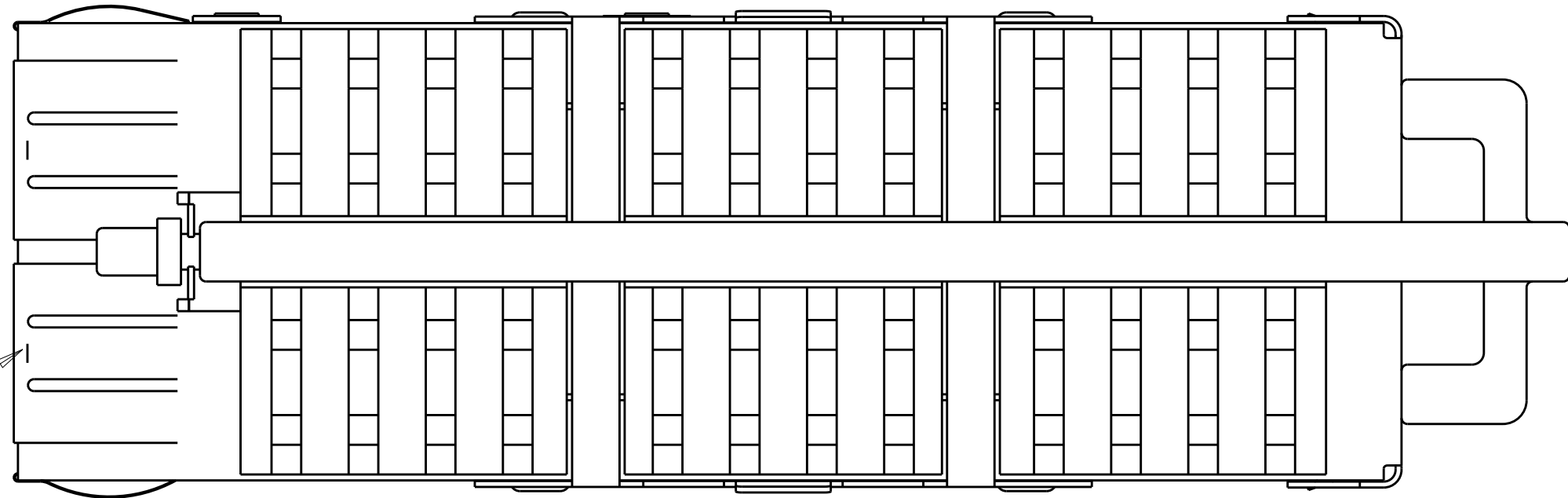


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REV PER ECO-09-020440	11SEP2009	CR	JP
	B1	REVISE PER ECR-15-013438	11SEP2015	RG	SH



Sn42Bi58 SOLDER
6 PLACES

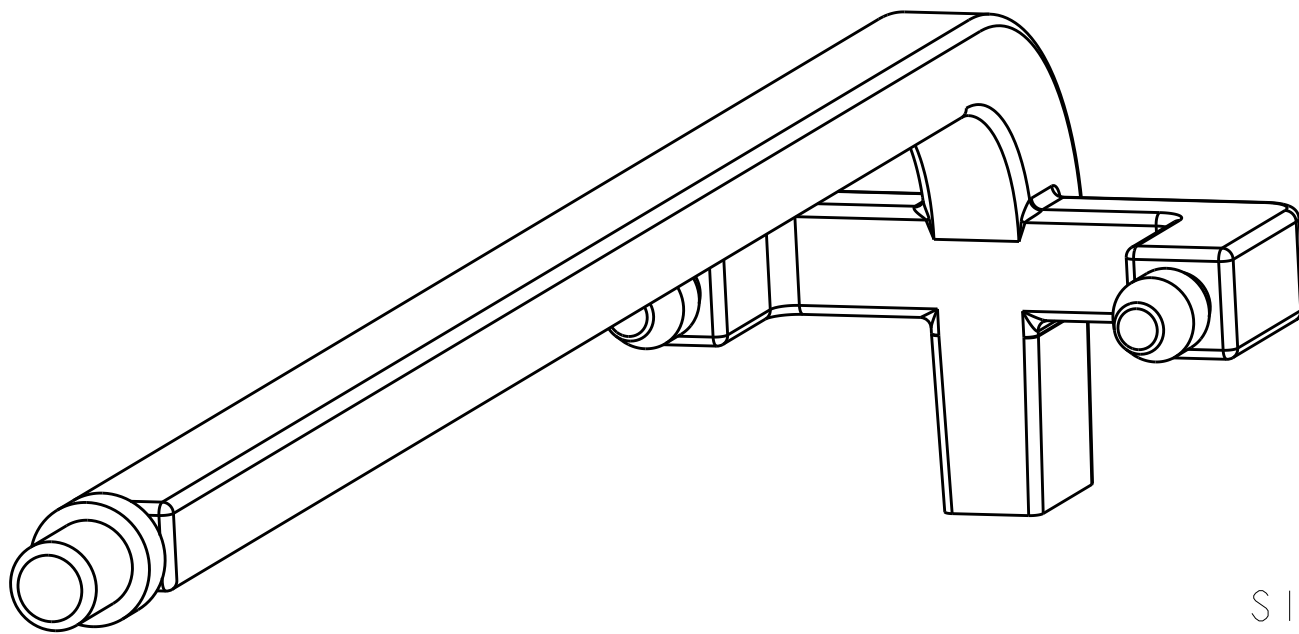


1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE, UL-94V-0 RATED.
EMI SPRING MATERIAL: COPPER ALLOY
2. MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. REFERENCE APPLICATION 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. HEAT SINK, CLIP, AND LIGHT PIPE 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 TO TOP OF HEAT SINK.
11. MAXIMUM HEIGHT OF CUSTOMER SUPPLIED LED OFF PC BOARD: 1.70mm.
12. DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.
13. SPRING FINISH: 0.8µm MIN TIN OVER 0.8µm MIN NICKEL. NON-PLATED EDGES PERMISSIBLE.
14. HEAT SINK AND CLIP SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED. LIGHT PIPE MUST BE ASSEMBLED BY CUSTOMER AFTER THE CAGE IS SEATED ON THE PCB.

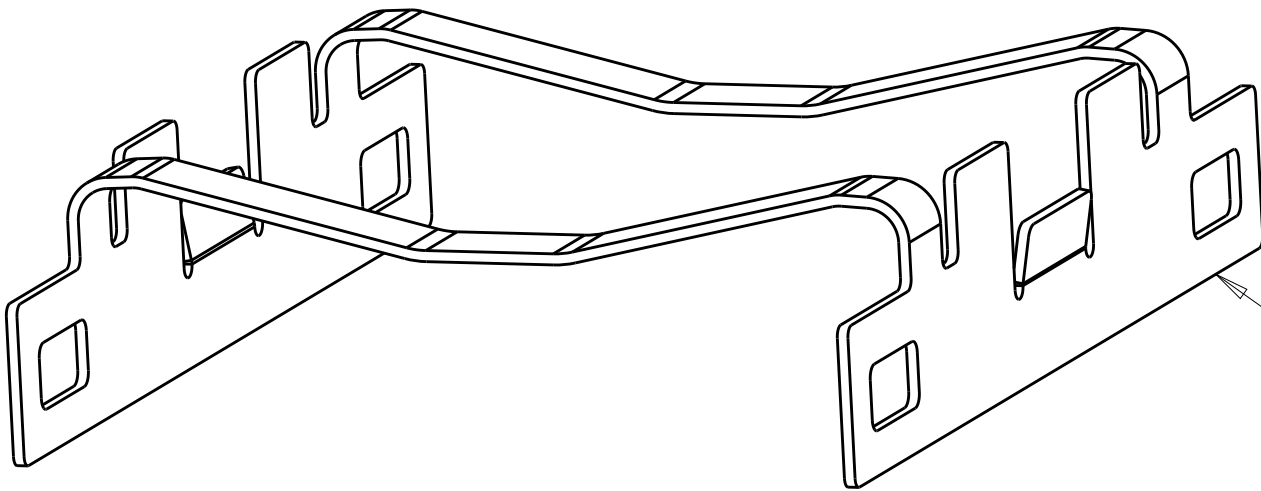
13.7	PCI HEAT SINK	1888972-3
23.0	NETWORKING HEAT SINK	1888972-2
16.0	SAN HEAT SINK (SHOWN)	1888972-1
A	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 09MAR2007	TE Connectivity	
DIMENSIONS:		CHK E. BRIGHT 09MAR2007		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD F. BRIGHT 09MAR2007	NAME CAGE ASSEMBLY, THRU BEZEL, QSFP, W/ HEAT SINK AND SINGLE LIGHT PIPE	
	0 PLC ±.5	PRODUCT SPEC	SIZE A100779C=1888972	
	1 PLC ±0.5	108-2286		
	2 PLC ±0.13	APPLICATION SPEC		
MATERIAL TBD		114-13217	RESTRICTED TO	
FINISH		WEIGHT	SCALE 4:1	
13		CUSTOMER DRAWING	SHEET 1 OF 4	
			REV B1	

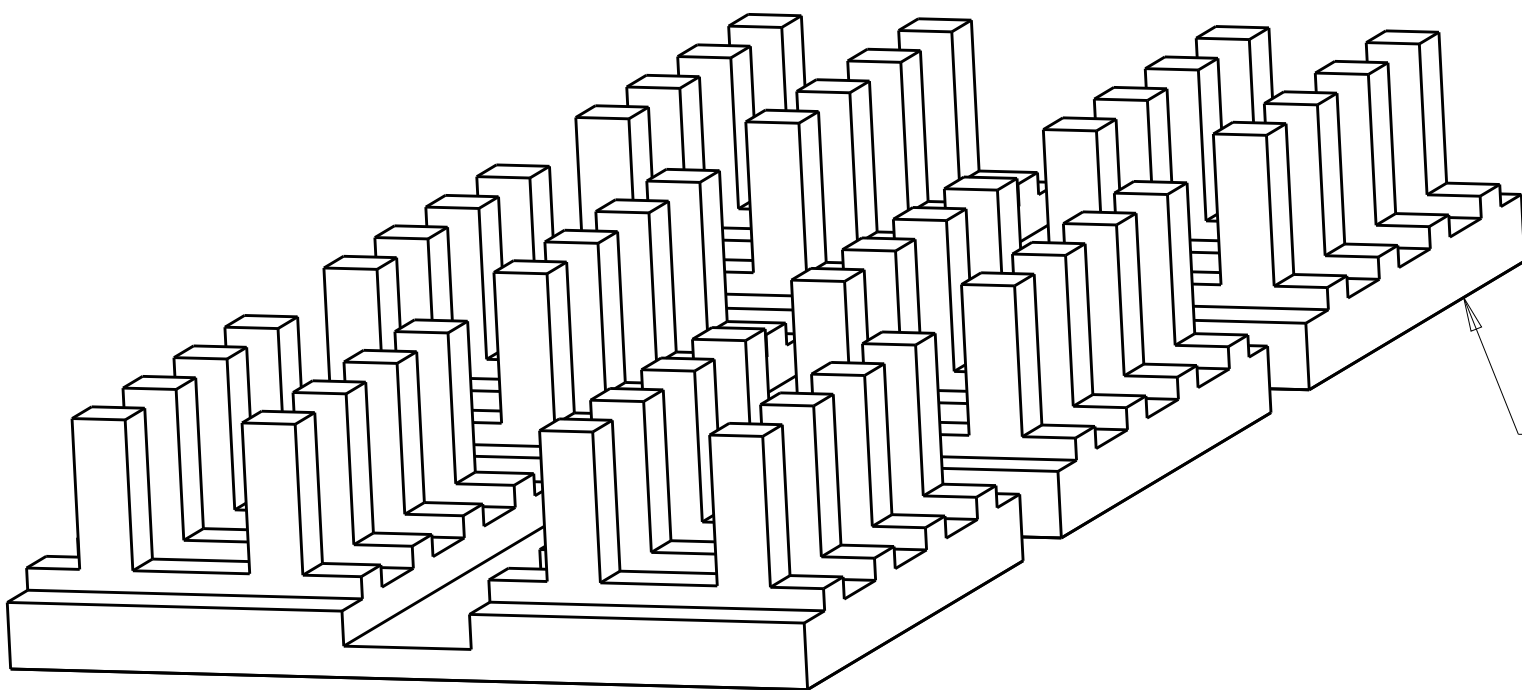
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



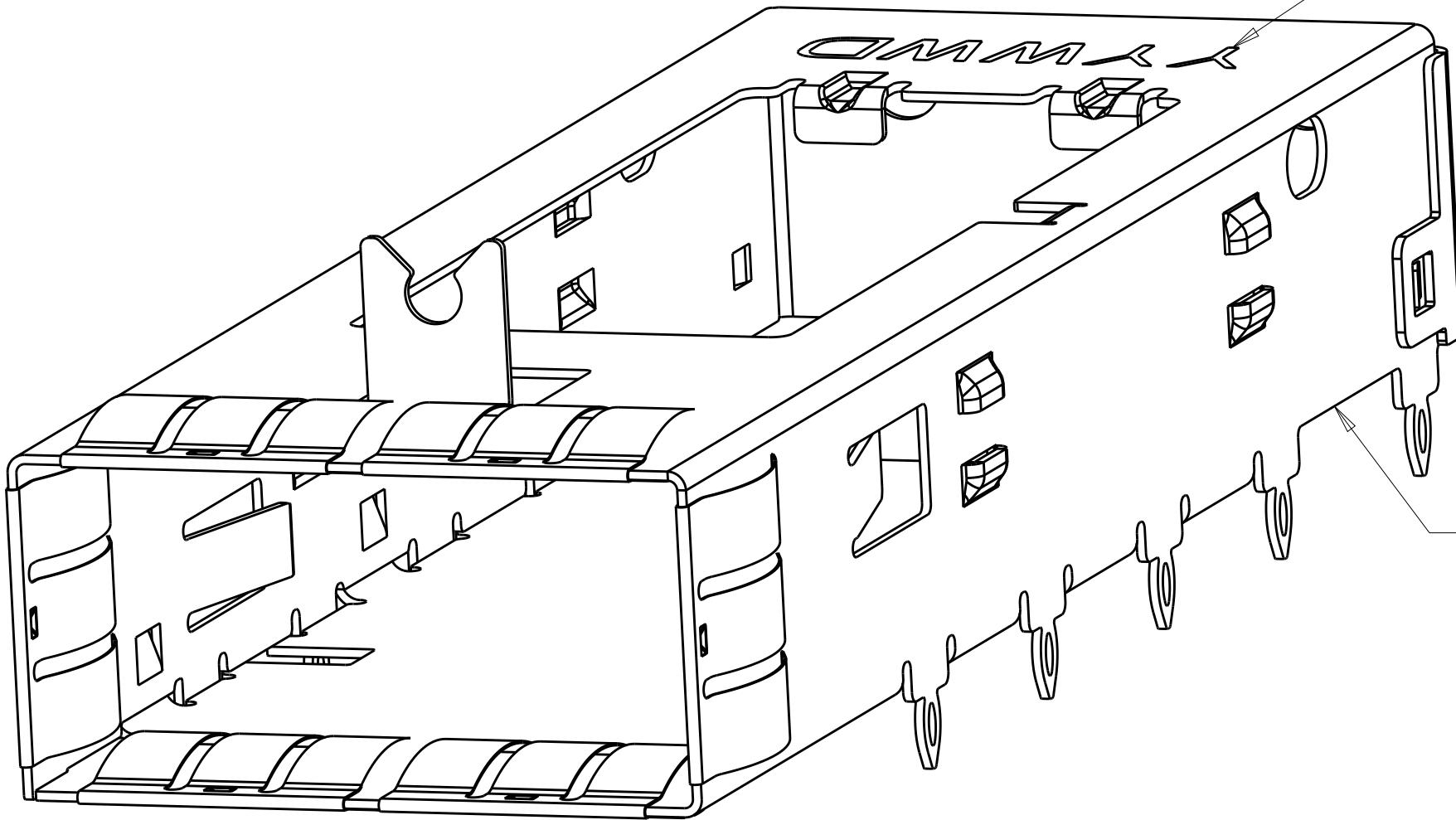
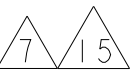
SINGLE LIGHT PIPE



HEAT SINK CLIP



HEAT SINK

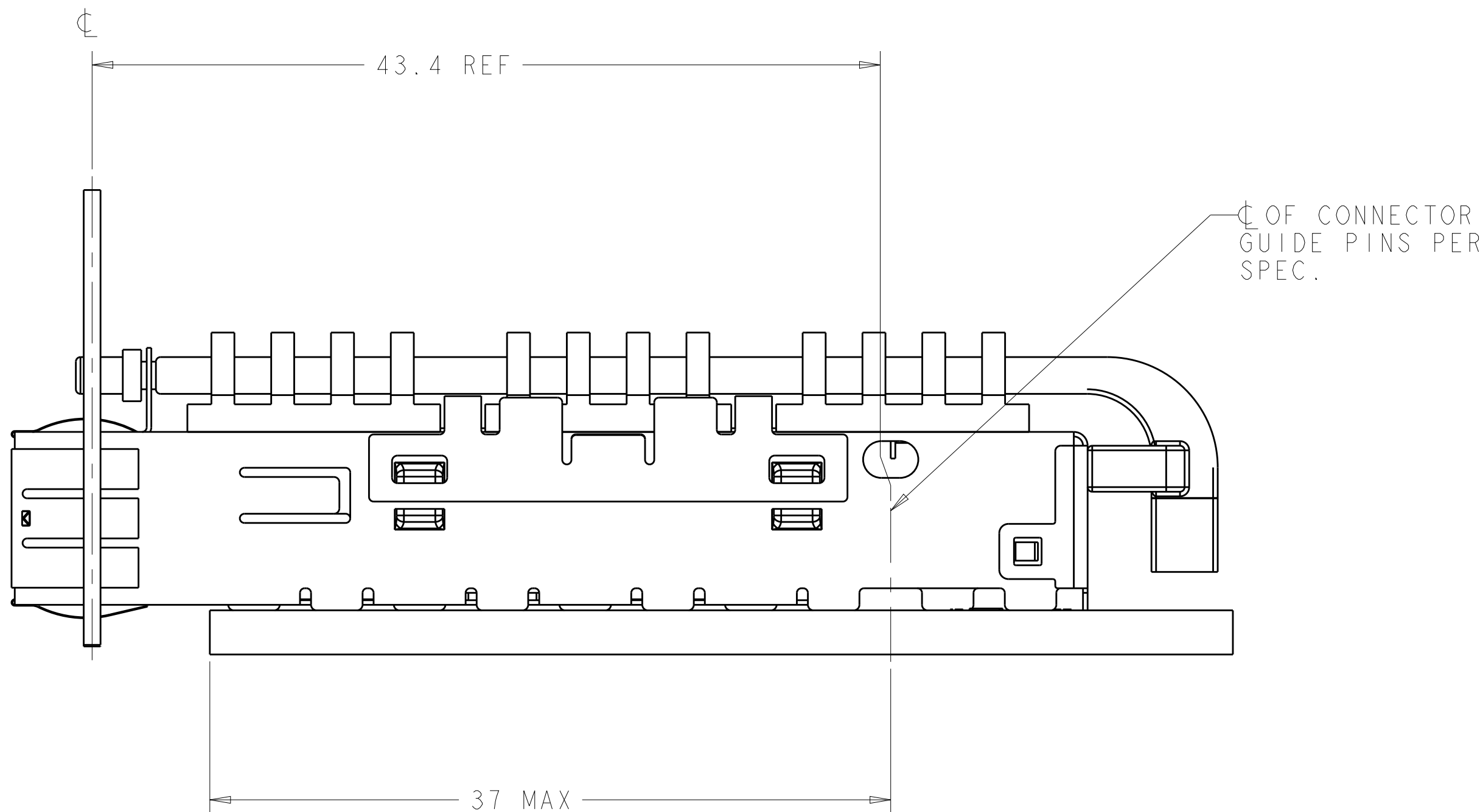
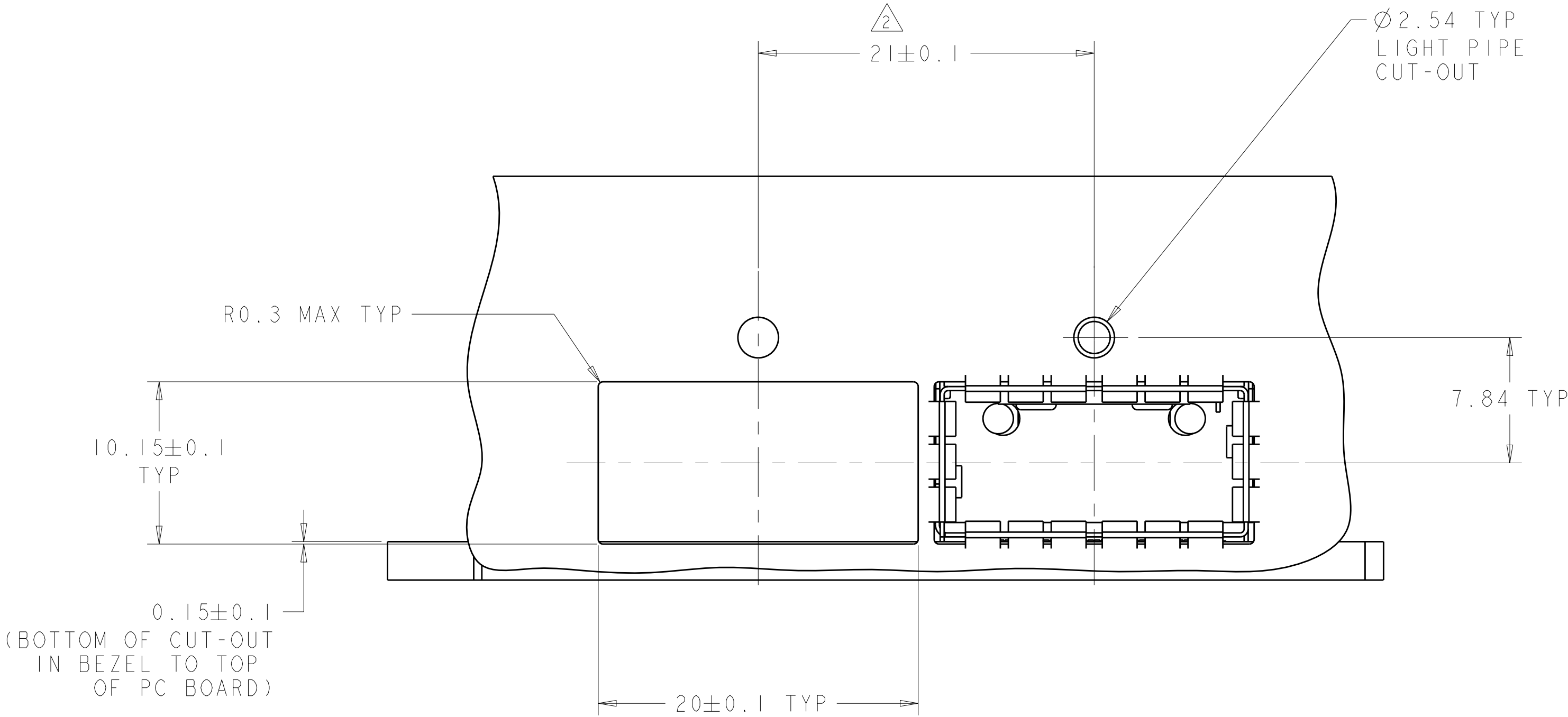


SINGLE QSFP CAGE
W/ LIGHT PIPE HOLDER

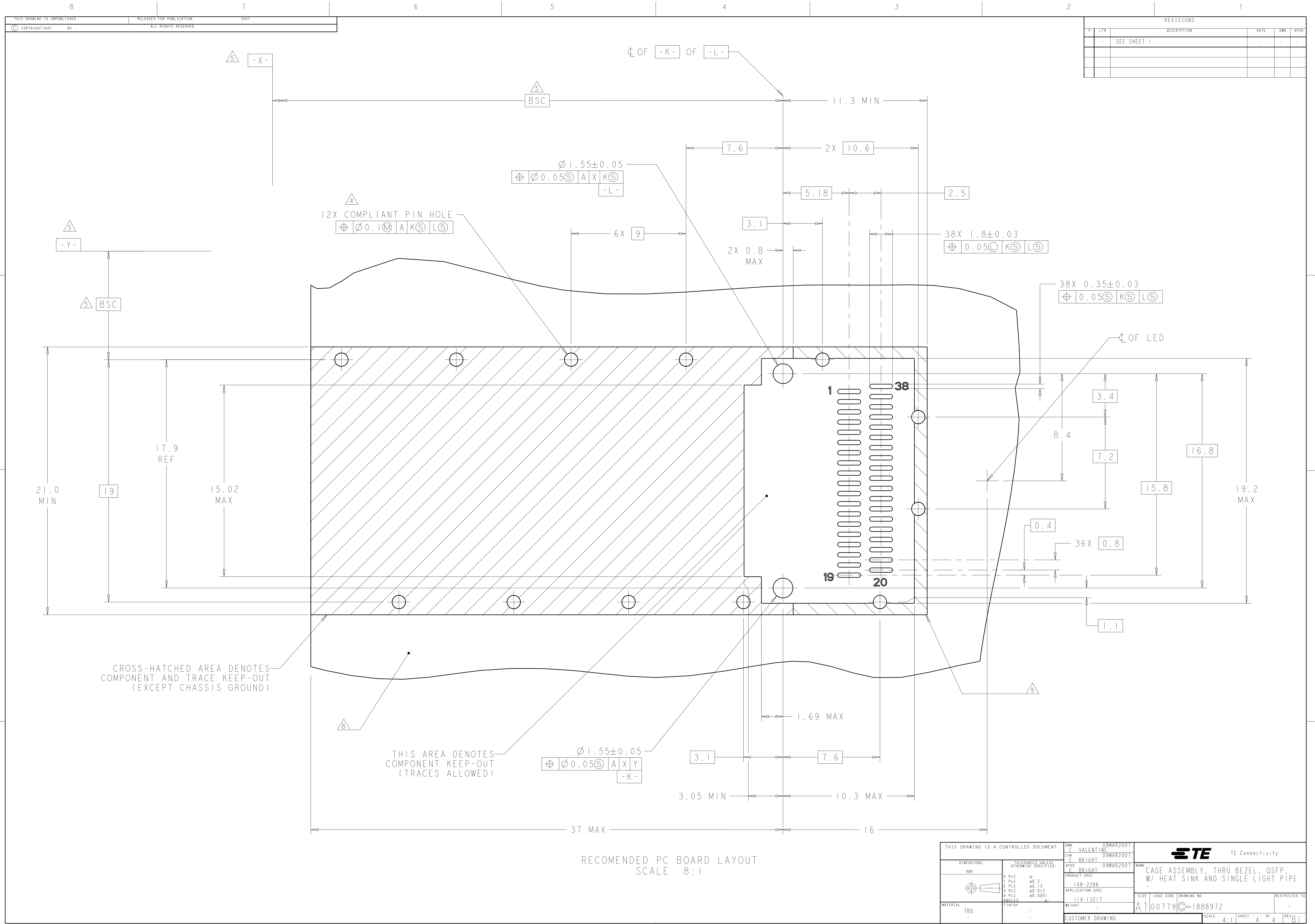
EXPLODED ISOMETRIC VIEW
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK E. BRIGHT APVD F. BRIGHT	09MAR2007 09MAR2007 09MAR2007	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.5 FINISH		NAME CAGE ASSEMBLY, THRU BEZEL, QSFP, W/ HEAT SINK AND SINGLE LIGHT PIPE -	
		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217		SIZE A100779	
MATERIAL TBD		WEIGHT -		DRAWING NO C=1888972	
-		CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 4
				REV B1	

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK E. BRIGHT APVD F. BRIGHT	09MAR2007 09MAR2007 09MAR2007	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC $\pm .5$ 1 PLC ± 0.5 2 PLC ± 0.13 3 PLC ± 0.013 4 PLC ± 0.0001 ANGLES $\pm .$ FINISH		CAGE ASSEMBLY, THRU BEZEL, QSFP, W/ HEAT SINK AND SINGLE LIGHT PIPE	
MATERIAL		TBD		SIZE	
-		-		A100779C=1888972	
CUSTOMER DRAWING		SCALE		SHEET	
-		4:1		3 of 4	
-		REV		B1	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 09MAR2007	TE Connectivity
DIMENSIONS: mm		CHK E. BRIGHT 09MAR2007	
		APVD F. BRIGHT 09MAR2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±.0001 FINISH		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217 WEIGHT -	
MATERIAL TBD	CUSTOMER DRAWING		SIZE A100779
SCALE 4:1		SHEET 4	OF 4
REV B		RESTRICTED TO -	