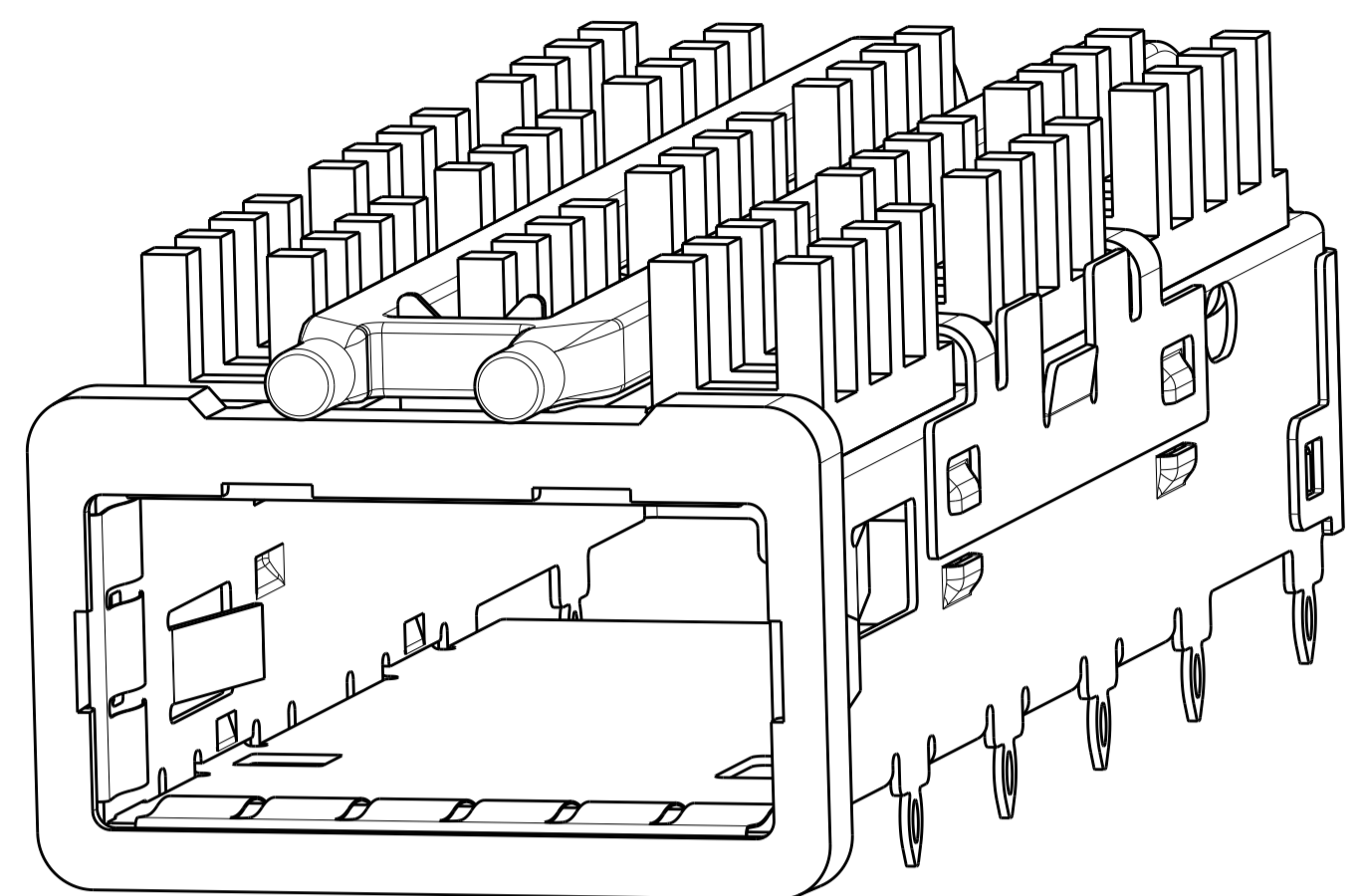
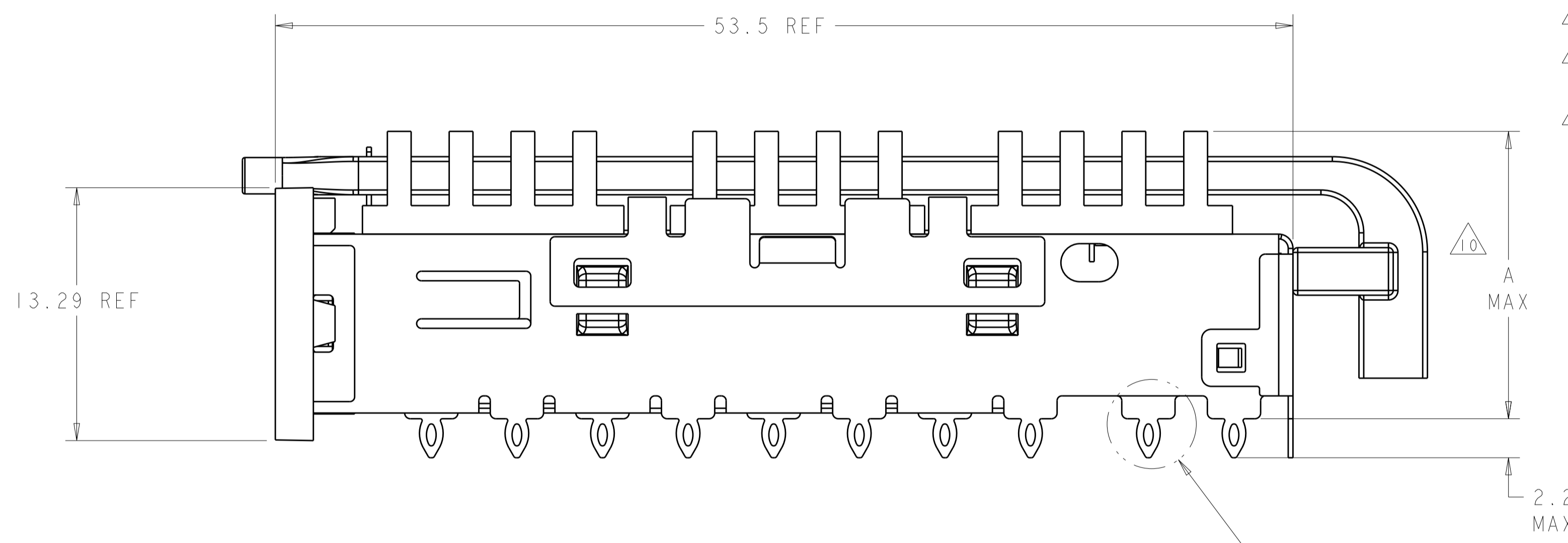
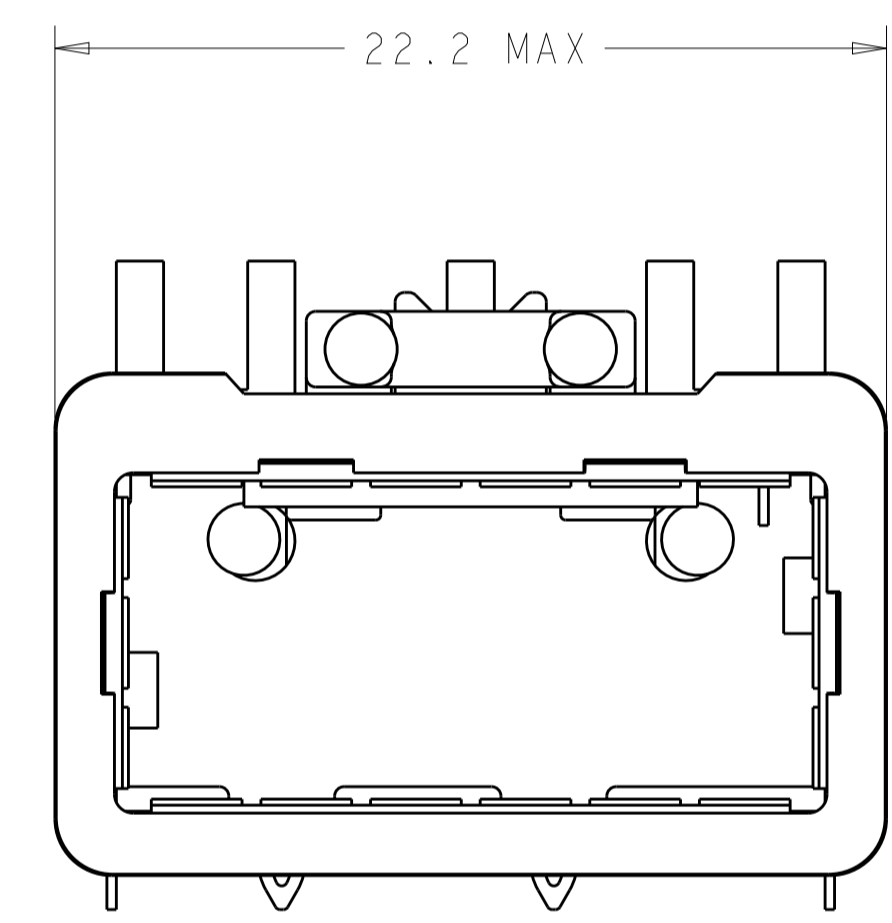


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		2		PRELIMINARY	20JUN2011	AL	CW
		3		REVISED PER ECO-14-018993	3MAR2015	RG	MC

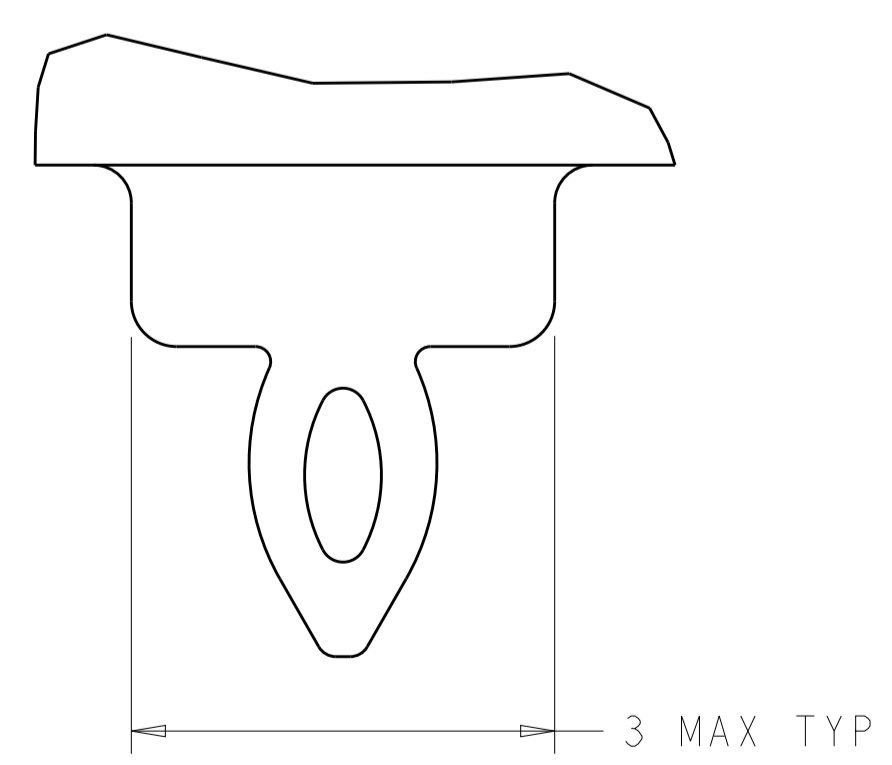


- △ CAGE MATERIAL: NICKEL SILVER, 0.25 THICK  
 HEAT SINK MATERIAL: ALUMINUM  
 HEAT SINK CLIP MATERIAL: STAINLESS STEEL  
 EMI SPRING MATERIAL: COPPER ALLOY  
 FRONT FLANGE MATERIAL: ZINC ALLOY
- △ MINIMUM PITCH DIMENSION.
- 3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- △ REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ 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.
- △ HEAT SINK AND CLIP AND LIGHT PIPE SHIPPED ASSEMBLED TO CAGE ASSEMBLY CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
- △ DATUM -A- IS TOP SURFACE OF HOST BOARD.
- △ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.
- △ DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE.
- △ DATE CODE (YYWW) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.
- △ EMI SPRING FINISH: 2um MIN TIN.  
 FRONT FLANGE FINISH: 3um MIN TIN OVER 1.27um MIN NICKEL OVER 5.08um MIN COPPER.  
 HEAT SINK FINISH: 0.076um MIN NICKEL PLATING.
- 13. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

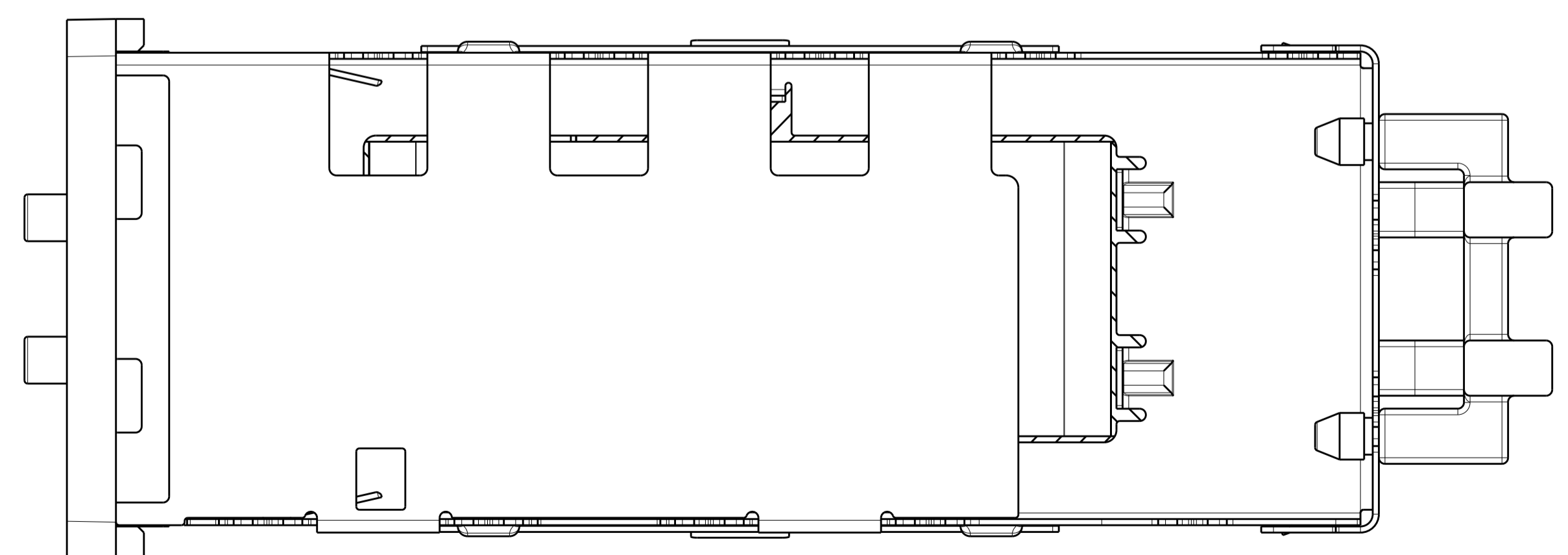


2170112-2 AS SHOWN

SEE DETAIL J



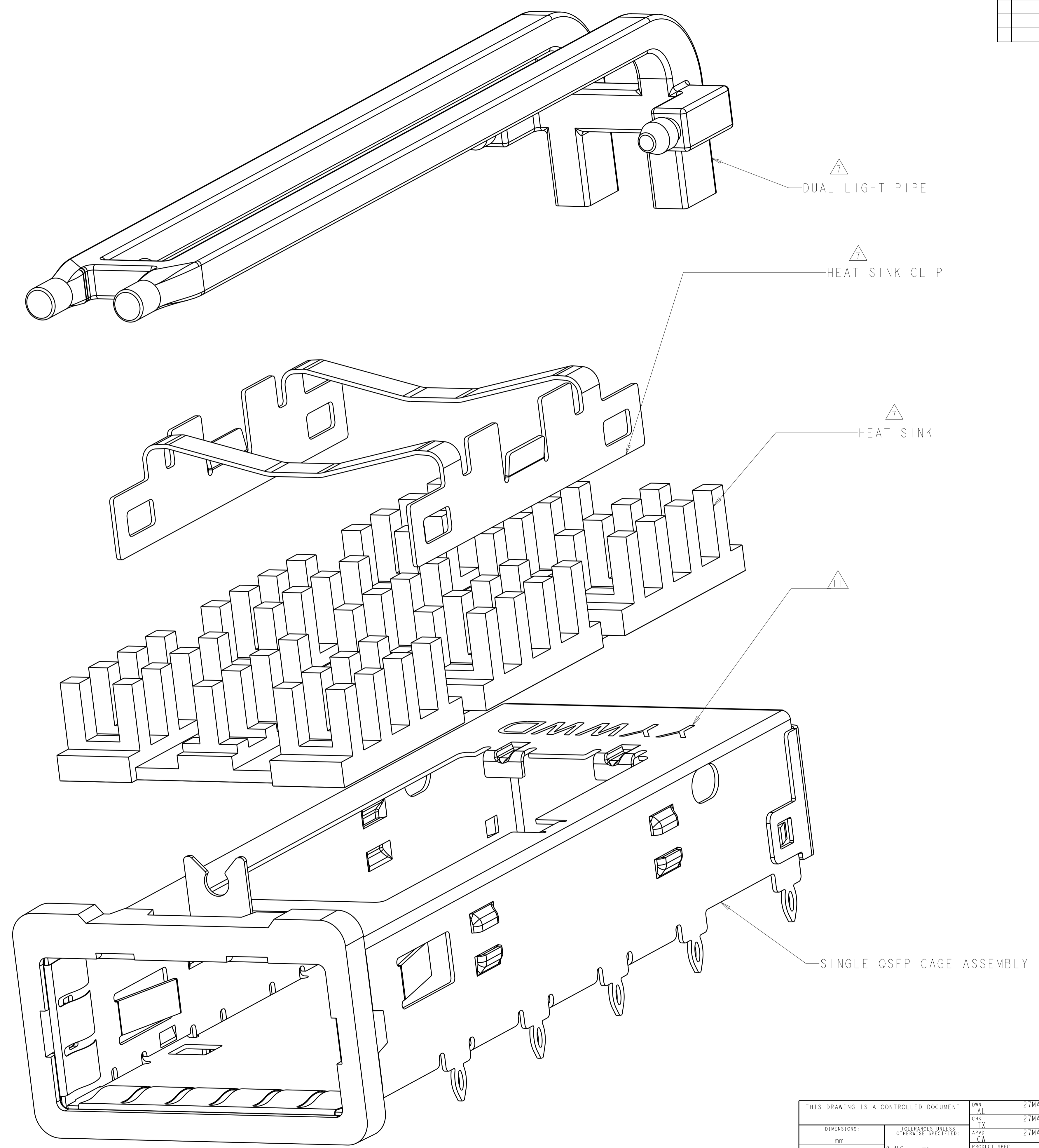
DETAIL J △  
 SCALE 20:1



23.0	NETWORKING HEAT SINK	2170112-3
16.0	SAN HEAT SINK (SHOWN)	2170112-2
13.7	PCI HEAT SINK	2170112-1
A	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: AL 27MAY2011	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK: TX 27MAY2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: CW 27MAY2011	NAME: 1X1 CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK AND DUAL LIGHT PIPE QSFP	
0 PLC ±0.5	1 PLC ±0.13	PRODUCT SPEC 108-2286	SIZE: CAGE CODE DRAWING NO. RESTRICTED TO	
2 PLC ±0.013	3 PLC ±0.001	APPLICATION SPEC 114-13218	A100779C=2170112	
4 PLC ±0.0001	ANGLES ±	WEIGHT	Customer Drawing	
FINISH △2		SCALE 5:1 SHEET 1 OF 5 REV 3		

LOC	DIST	REVISIONS					
GP	00	P.	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



EXPLODED VIEW  
 SCALE 8:1

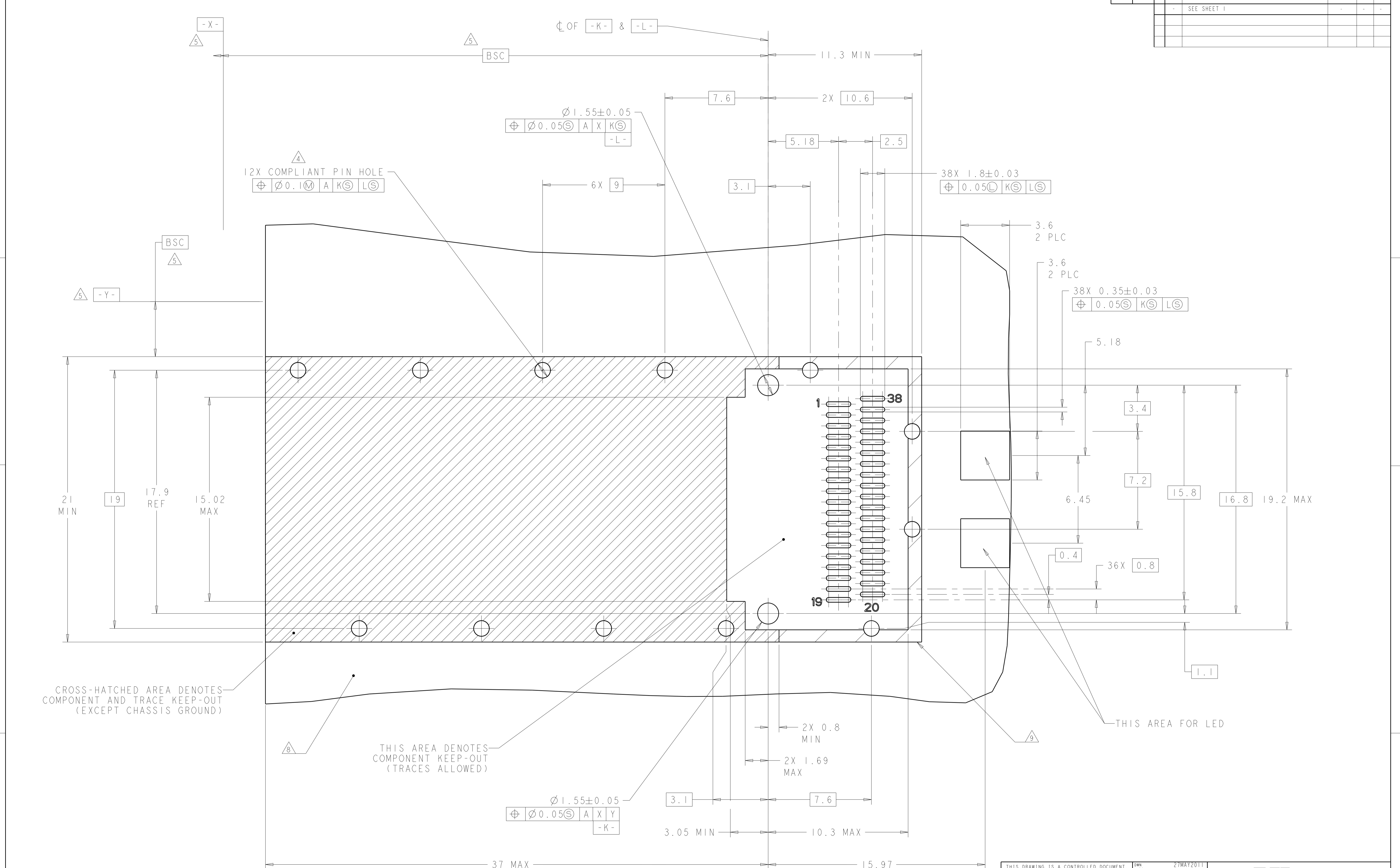
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: AL	27MAY2011	<b>STE</b> TE Connectivity
		CHK: TX	27MAY2011	
		APVD: CW	27MAY2011	NAME: 1XI CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK AND DUAL LIGHT PIPE QSPF
		PRODUCT SPEC	108-2286	
		APPLICATION SPEC	114-13218	RESTRICTED TO: -
		WEIGHT	-	
MATERIAL: -		FINISH: -	Customer Drawing	SCALE: 5:1
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SHEET 2 OF 5
0 PLC ±0.5		1 PLC ±0.13		REV 3
2 PLC ±0.013		3 PLC ±0.001		
4 PLC ±0.001		ANGLES ±0.001		
MATERIAL: -		FINISH: -		



LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
REV	DATE	BY	APPD
-	-	-	-
-	-	-	-



CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

THIS AREA FOR LED

RECOMMENDED PCB LAYOUT  
 SINGLE SIDED CONFIGURATION  
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: 27MAY2011	TE Connectivity
DIMENSIONS: mm		CHK: 27MAY2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: 27MAY2011	NAME: 1XI CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK AND DUAL LIGHT PIPE QSFP
0 PLC ±0.5 1 PLC ±0.13 2 PLC ±0.013 3 PLC ±0.0001 4 PLC ±0.0001 ANGLES ±0.0001		PRODUCT SPEC: 108-2286	SIZE: A100779C=2170112
MATERIAL: -		APPLICATION SPEC: 114-13218	RESTRICTED TO: -
FINISH: -		WEIGHT: -	SCALE: 4:1 SHEET 4 OF 5 REV 3
Customer Drawing			

