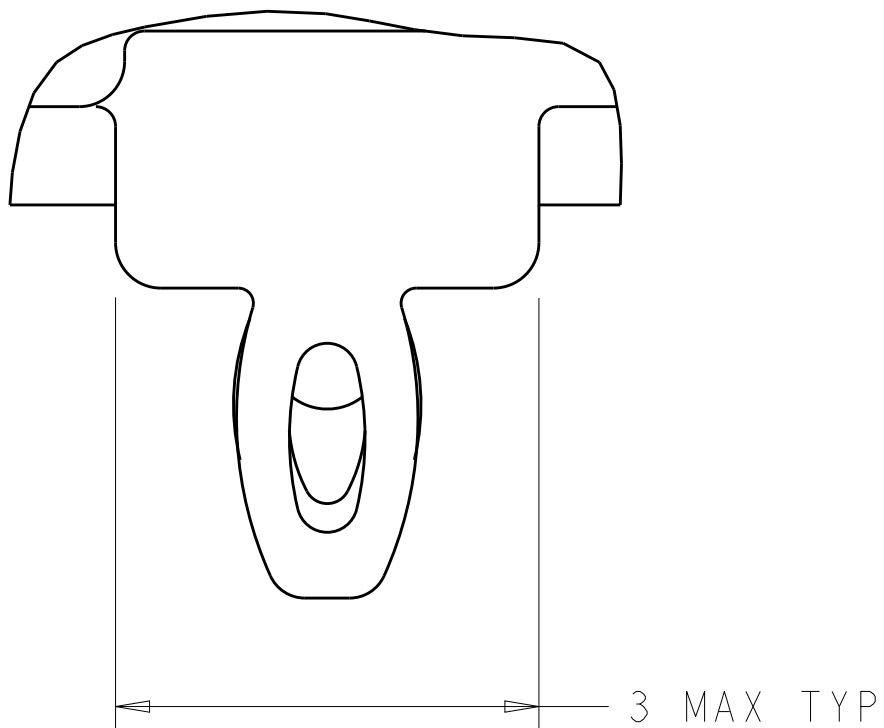


LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			2	UPDATED VIEWS	04JUN2010	CJV	JRP	
			3	REVISED PER ECO-12-003841	14MAR2012	TY	KS	
			4	REVISED PER ECR-12-006970	17APR2012	KS	AC	
			5	REVISED PER ECO-15-005721	4AUG2015	RG	SH	



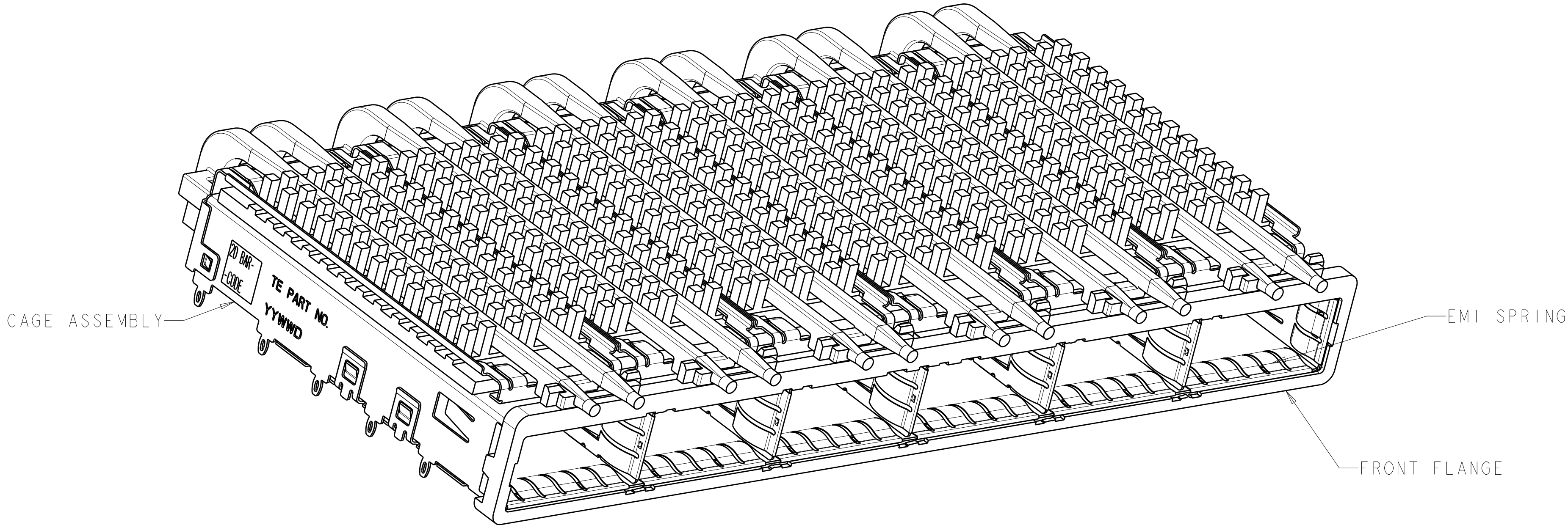
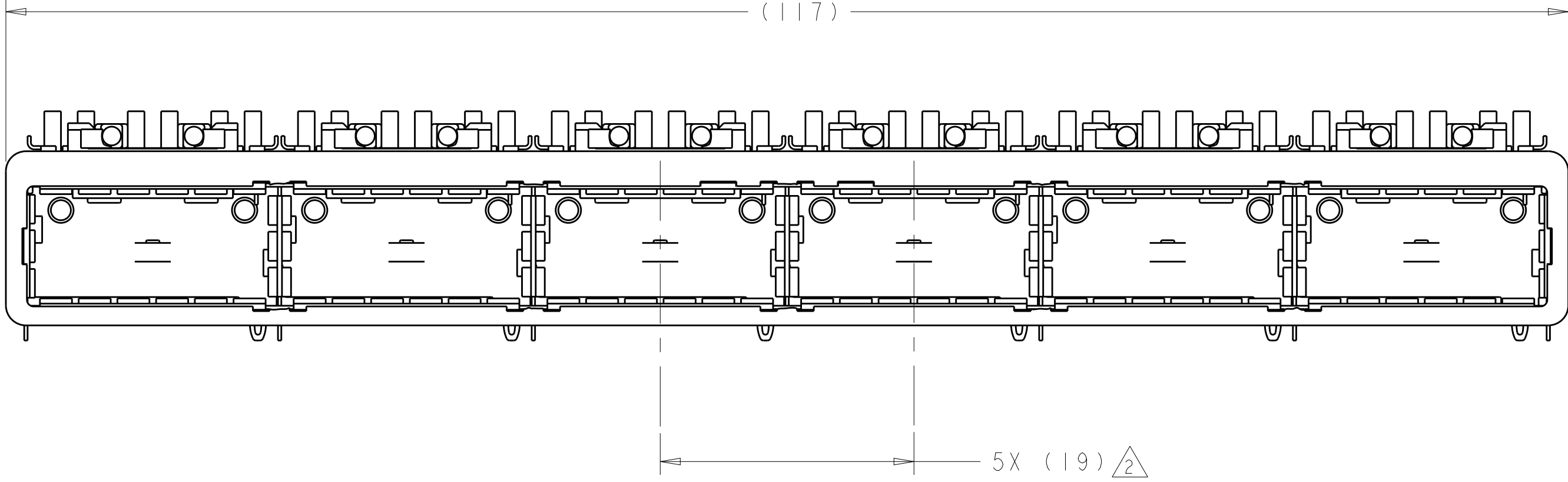
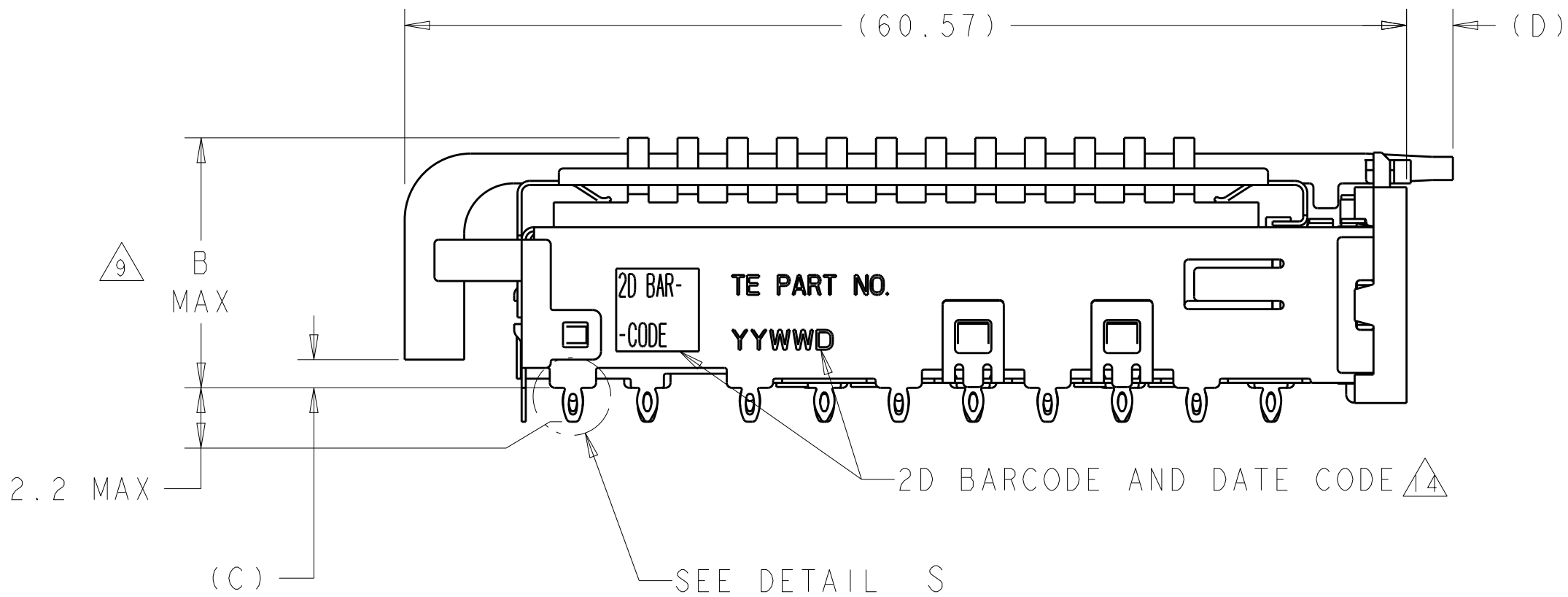
DETAIL S
SCALE 20:1



- 1 CAGE ASSEMBLY 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
LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
- 2 PITCH BETWEEN PORTS OF ONE 1X6 CAGE ASSEMBLY.
- 3 SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- 4 REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD,
SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45mm
DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 2.2mm PER QSFP.
- 7 HEAT SINKS, LIGHT PIPES, AND HEAT SINK CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
- 8 DATUM A IS TOP SURFACE OF PC BOARD.
- 9 DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- 10 UNPLATED THRU HOLE.

11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- 12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.
- 13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- 14 2D BARCODE AND DATE CODE (YYWWD) MARKED ON SIDE OF CAGE.

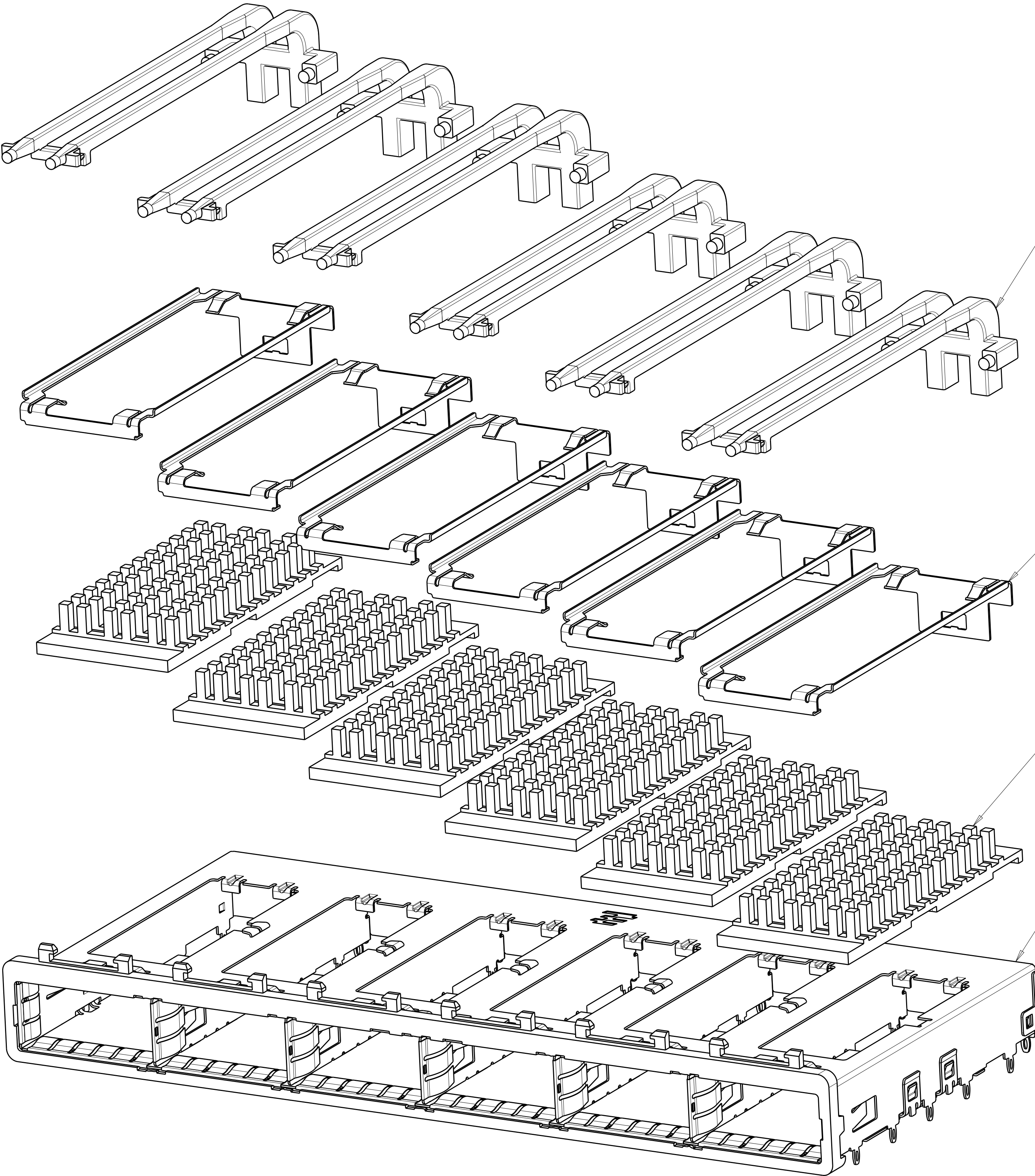
- 15 REFERENCE APP SPEC 114-13218 FOR GASKET THICKNESS CALCULATION.
- 16 EMI SPRING FINISH: 2µm MINIMUM TIN
FRONT FLANGE FINISH: 3µm MINIMUM TIN OVER 1.27µm MINIMUM NICKEL
OVER 5.08µm MINIMUM COPPER.
HEAT SINK FINISH: NICKEL
- 17 HEAT SINKS AND CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED. LIGHT PIPES, SHIPPED UNATTACHED, MUST BE ASSEMBLED BY CUSTOMER AFTER THE CASE IS SEATED IN THE PCB.



7	0.8-1.1	2.8	1.70	23.0	NETWORKING	2143307-3
7	0.8-1.1	2.8	1.70	16.0	SAN	2143307-2
17	0.8-1.1	2.8	1.70	13.7	PCI	2143307-1
	E	D	C	B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C. VALENTIN	04MAR2010	<div>TE</div> TE Connectivity			
		CHK	J. PETERSON	14MAR2010				
		APVD	J. PETERSON	04MAR2010			NAME	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC				
mm		0 PLC ±.1		108-2286				
		1 PLC ±0.1		APPLICATION SPEC				
		3 PLC ±0.013		114-13218				
		4 PLC ±0.0001		WEIGHT				
		ANGLES ±.1		SIZE				
MATERIAL		FINISH		CAGE CODE				
1		16		DRAWING NO				
				A100779C=2143307				
				CUSTOMER DRAWING				
				SCALE 3:1 SHEET 1 OF 5 REV 5				

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



DOUBLE LIGHT PIPES
QUANTITY: 6

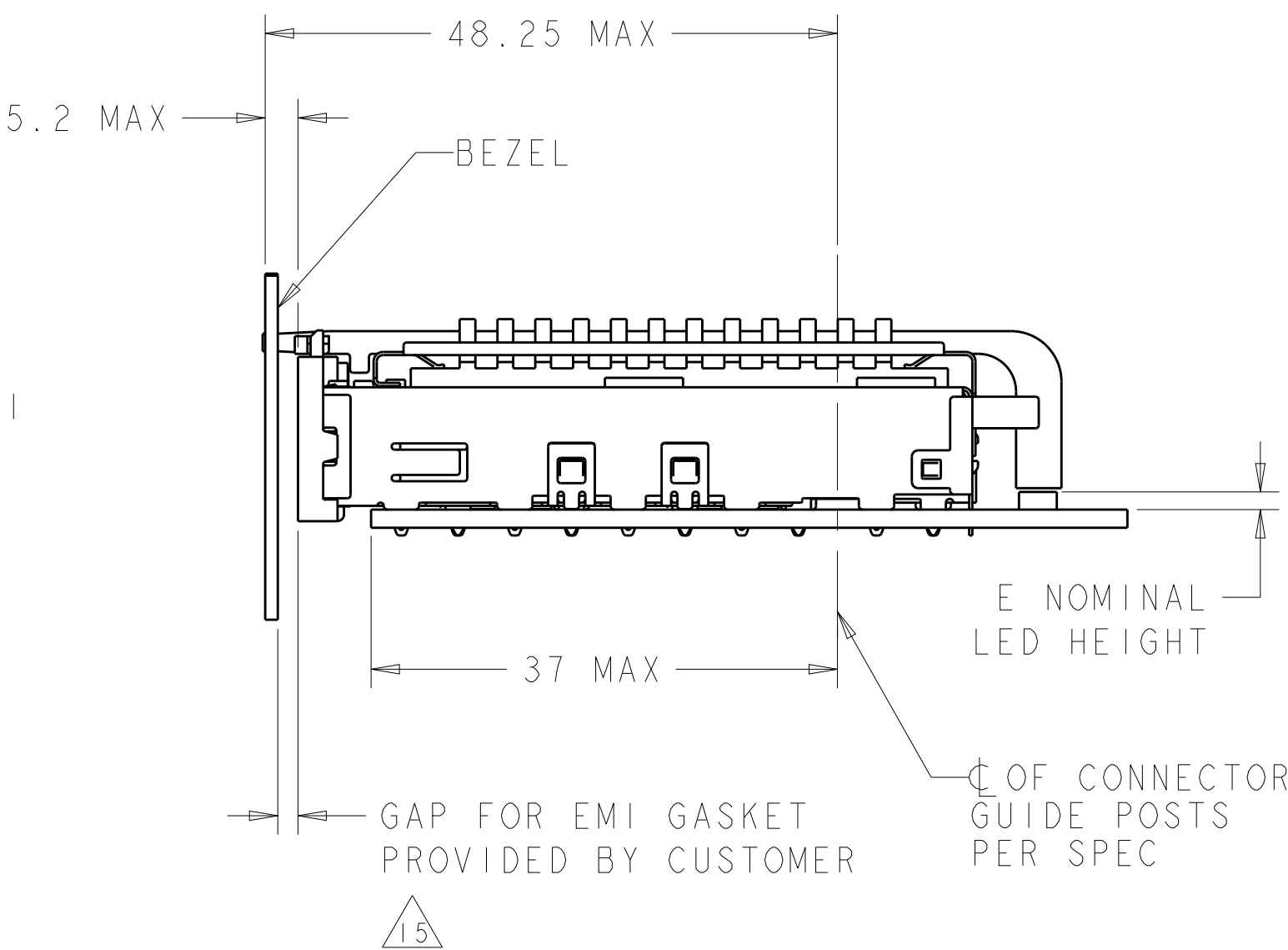
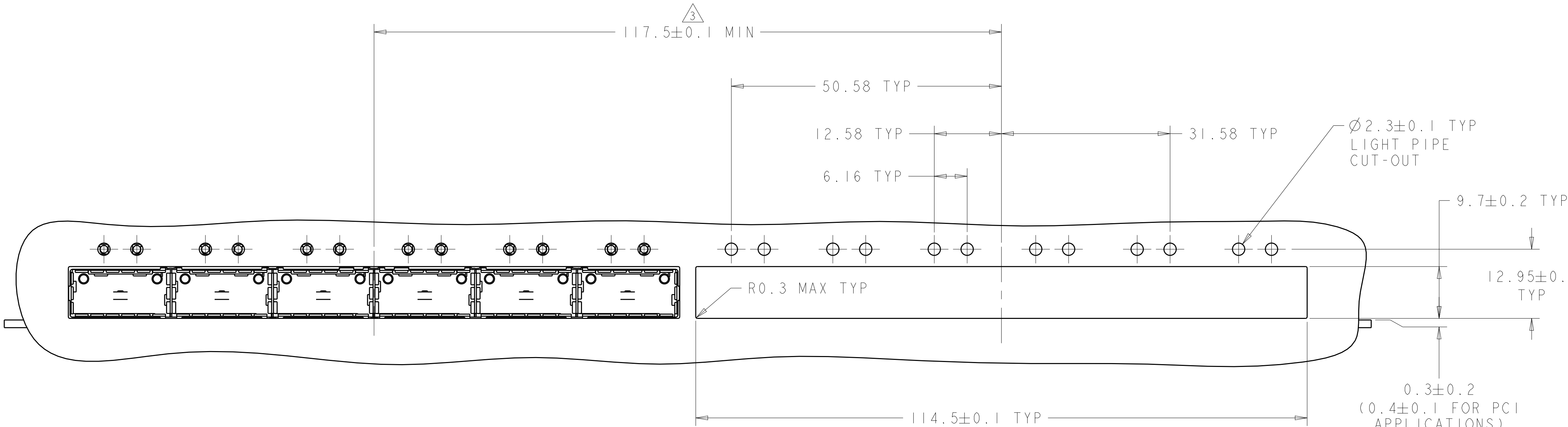
HEAT SINK CLIPS
QUANTITY: 6

72 PIN HEAT SINKS
QUANTITY: 6

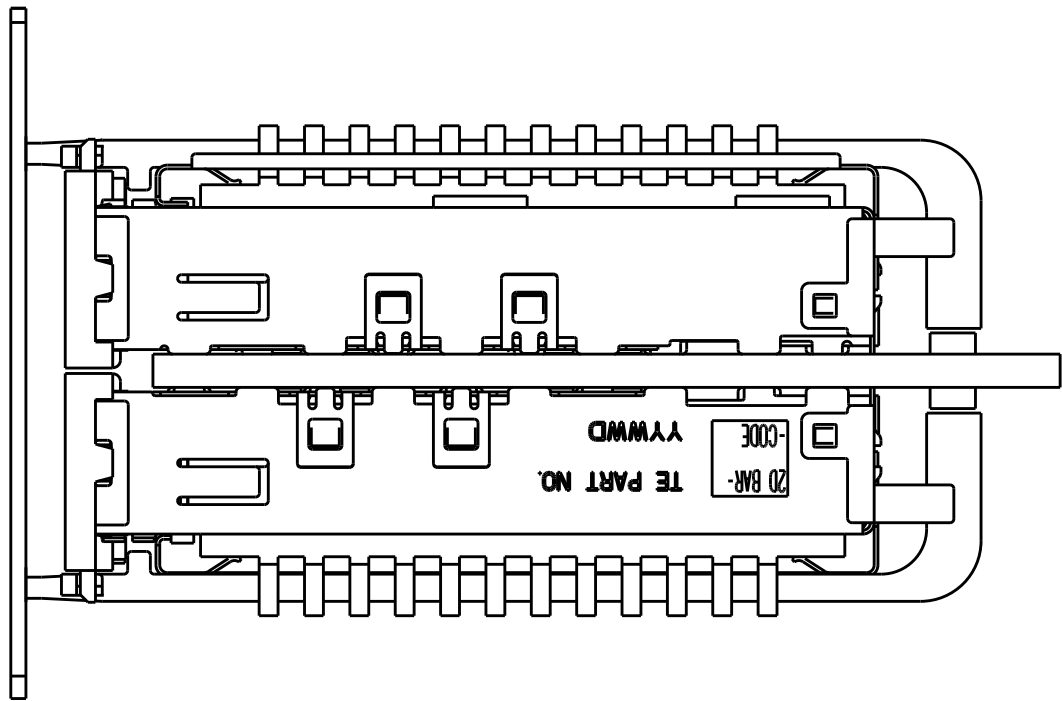
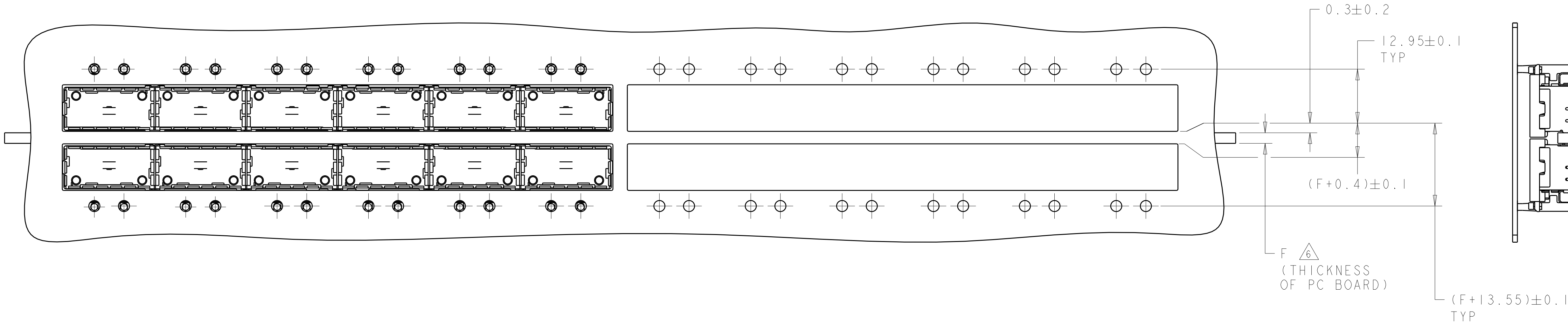
1X6 BEHIND BEZEL QSFP
CAGE ASSEMBLY
QUANTITY: 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	04MAR2010 04MAR2010 04MAR2010	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
		PRODUCT SPEC 108-2286		SIZE A1	
MATERIAL -		APPLICATION SPEC 114-13218		CAGE CODE 00779	
FINISH -		WEIGHT -		DRAWING NO C=2143307	
CUSTOMER DRAWING		SCALE 3:1		SHEET 2 OF 5	
				REV 5	



LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
				-	-	SEE SHEET 1	-



ONE SIDED CONFIGURATION
SCALE 2:1



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 04MAR2010	 TE Connectivity		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPES AND HEAT SINKS, QSFP	
DIMENSIONS:		CHK J. PETERSON 04MAR2010				
mm		APVD J. PETERSON 04MAR2010	PRODUCT SPEC 108-2286		SIZE A100779	DRAWING NO C-2143307
			APPLICATION SPEC 114-13218			
MATERIAL			WEIGHT		RESTRICTED TO	
-			-		-	
			CUSTOMER DRAWING		SCALE 3:1 SHEET 3 OF 5 REV 5	

