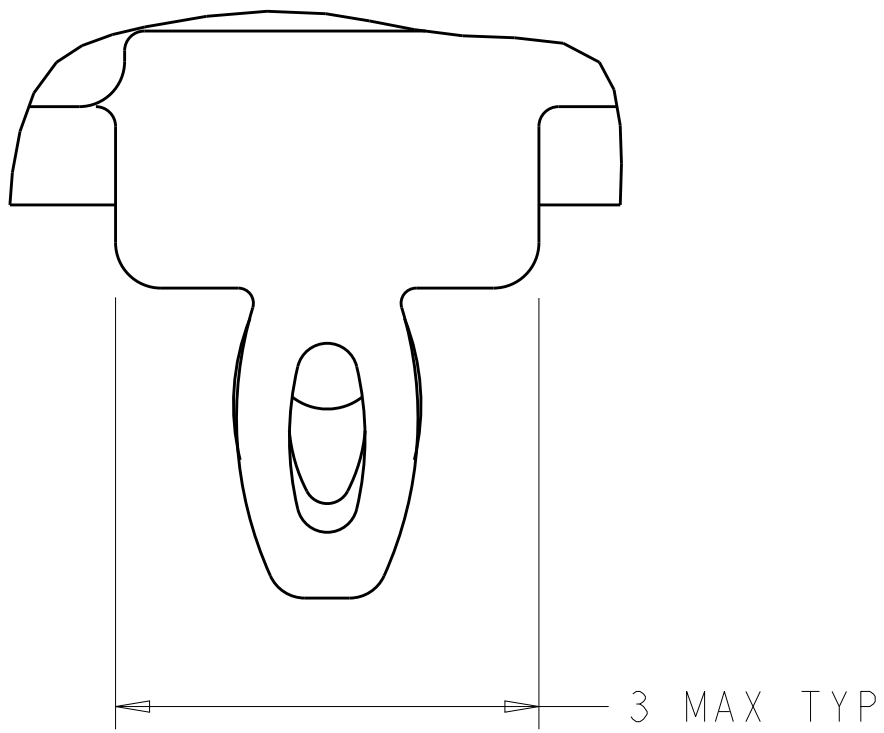


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		4	UPDATED VIEWS	30MAR2011	AL	CW	
			5	REVISED PER ECO-12-003841	14MAR2012	TY	KS	
			6	REVISED PER ECO-12-005533	05APR2012	JY	AC	
			A	REVISED PER ECO-15-000148	10APR2015	RG	MC	



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

- 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 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.

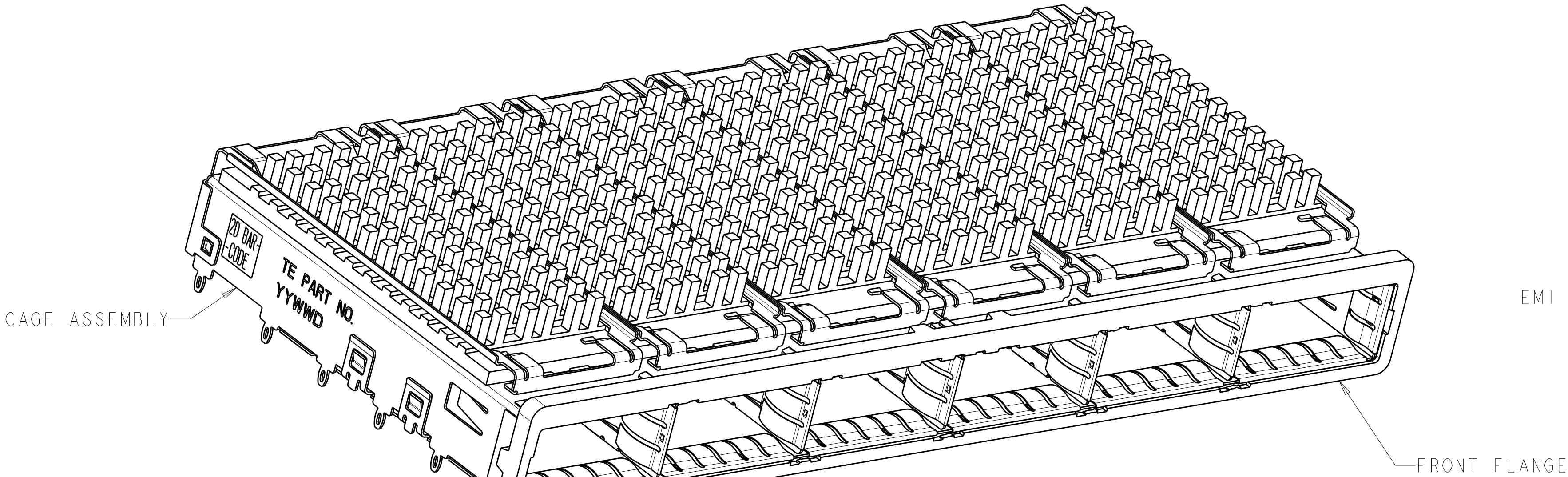
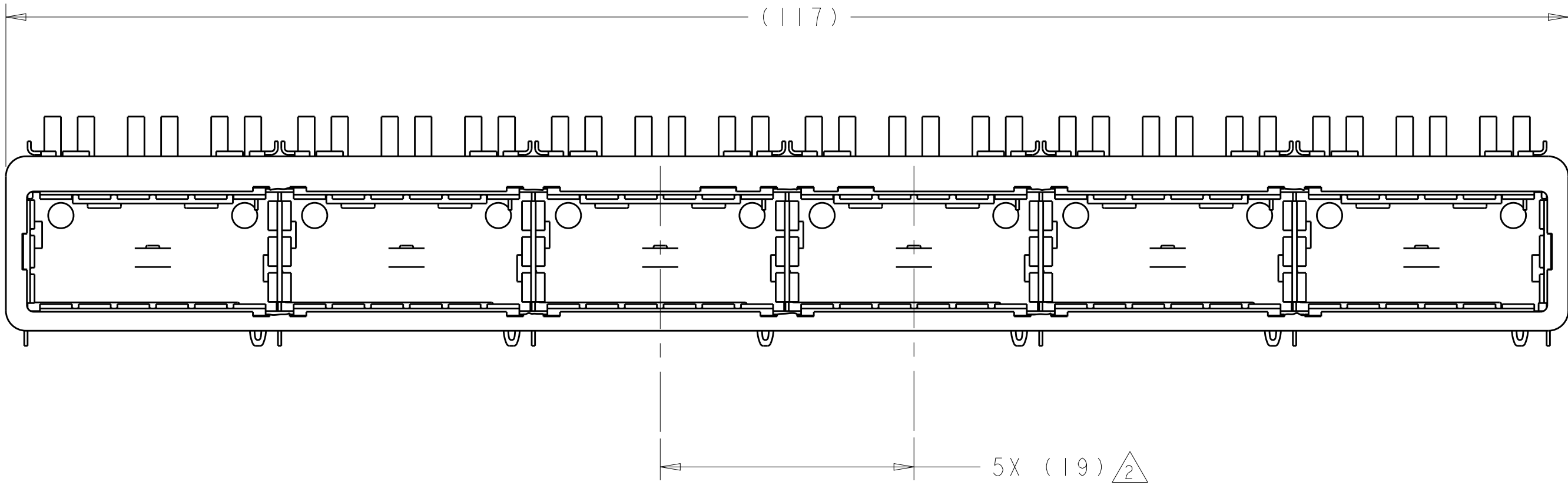
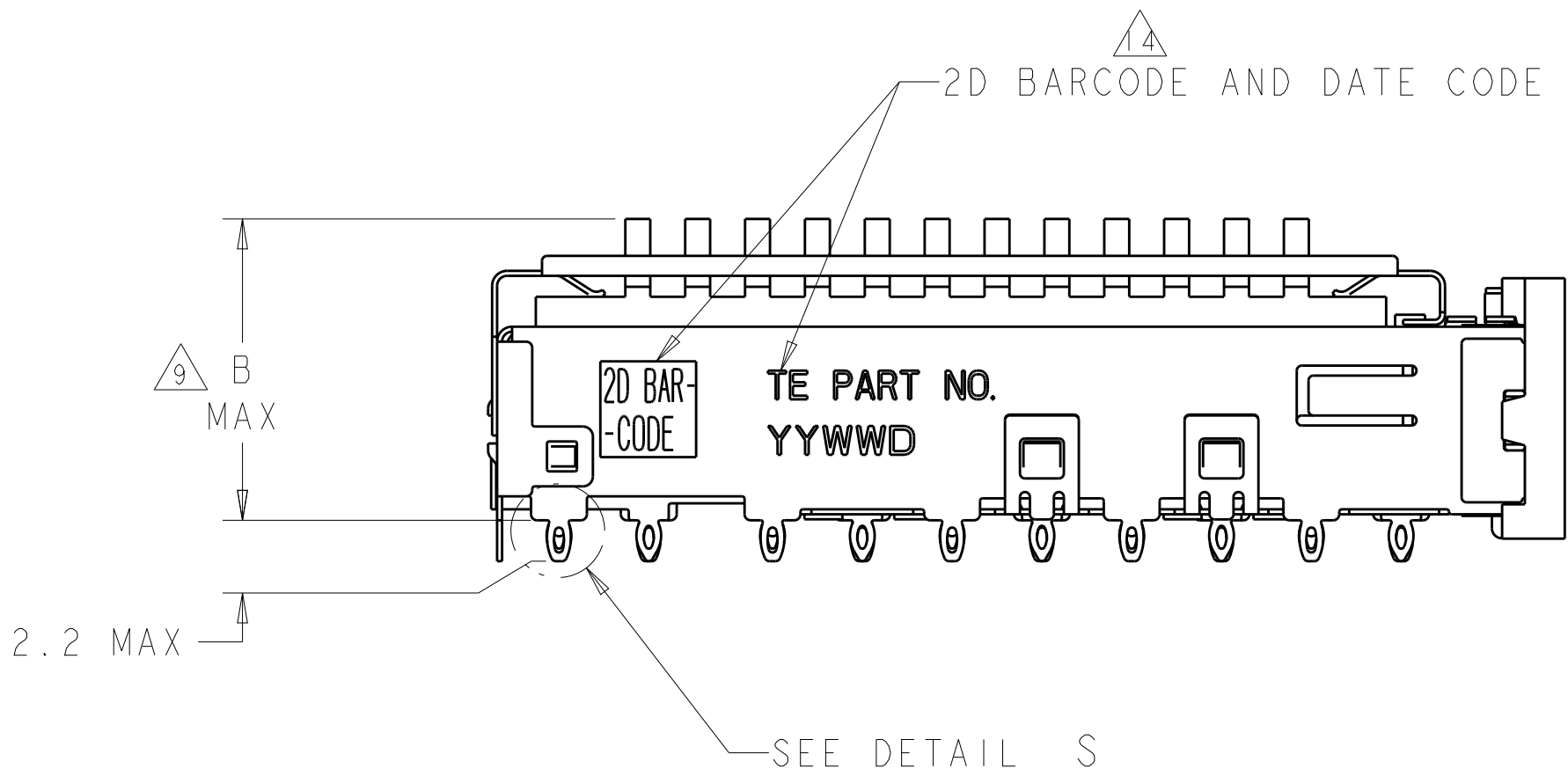
- 12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.

- 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.

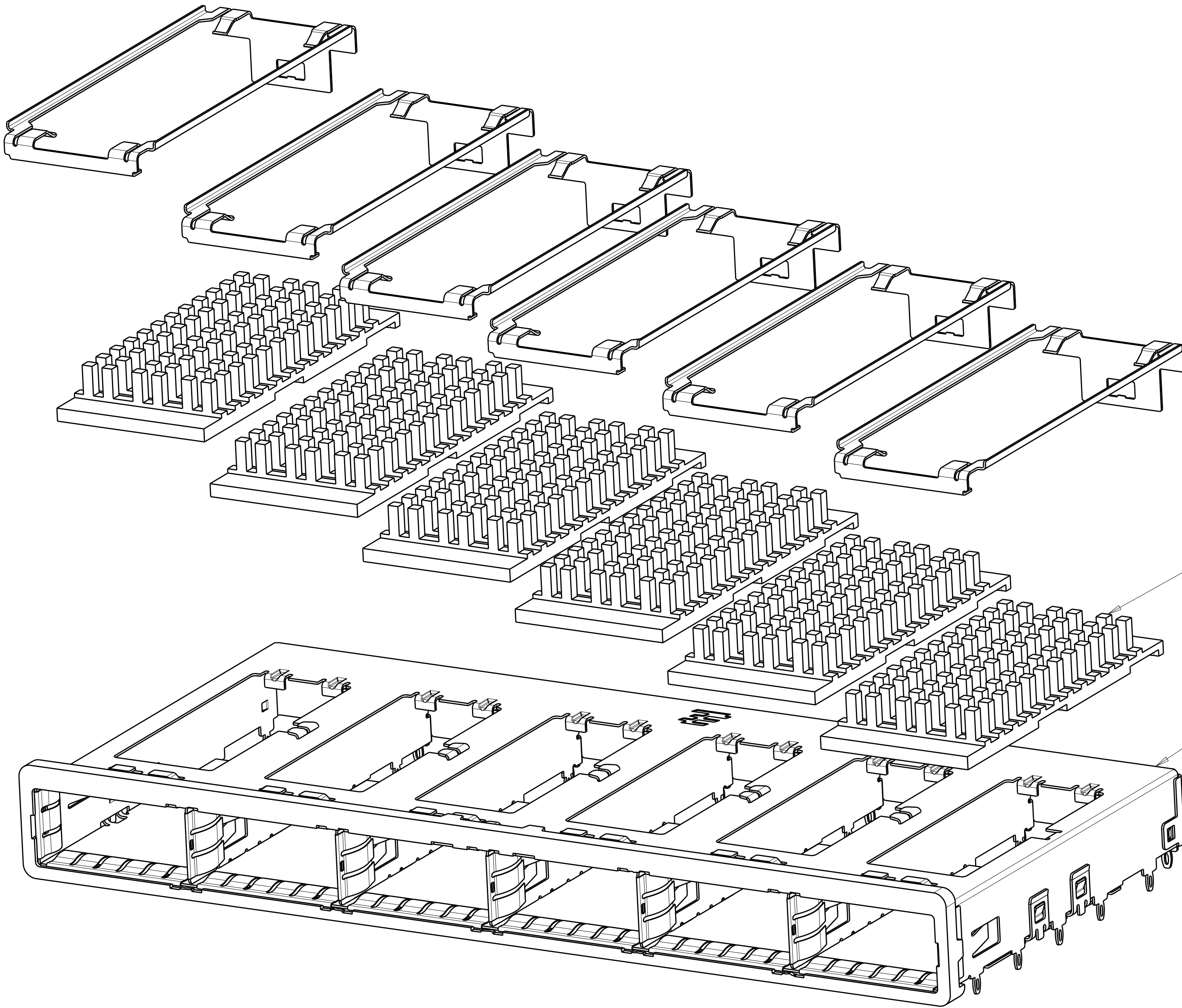
- 16 EMI SPRING FINISH: 2um MINIMUM TIN
FRONT FLANGE FINISH: 3um MINIMUM TIN OVER 1.27um MINIMUM NICKEL
OVER 5.08um MINIMUM COPPER.
HEAT SINK FINISH: NICKEL



23.0	NETWORKING	2143330-3
16.0	SAN	2143330-2
13.7	PCI	2143330-1
B	HEAT SINK PROFILE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	17MAR2010 17MAR2010 17MAR2010	NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218 WEIGHT -	
MATERIAL 1		FINISH 16		SIZE A100779C=2143330	
Customer Drawing		SCALE 3:1		SHEET 1 OF 5	
				REV A	

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

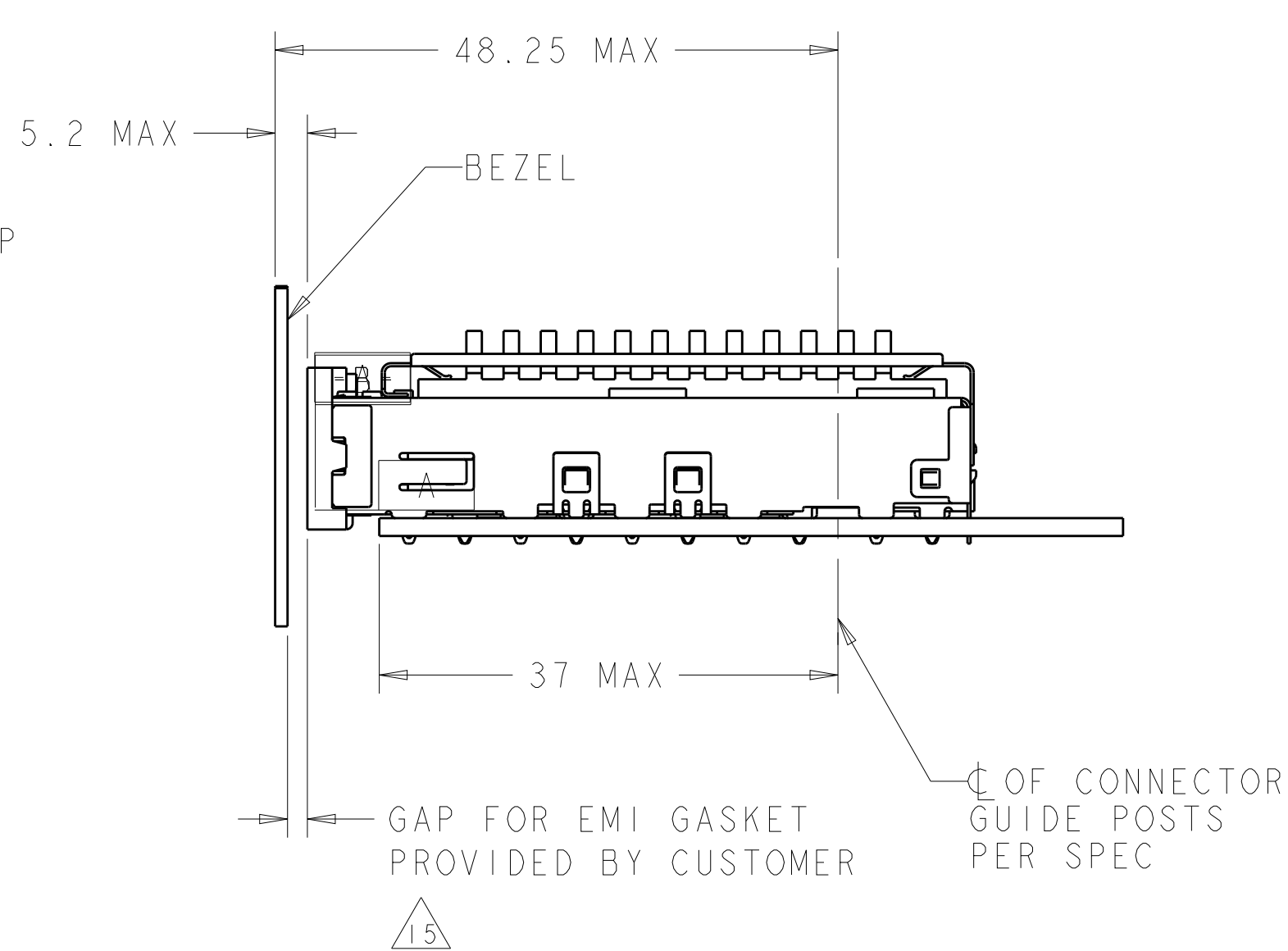


HEAT SINK CLIPS
QUANTITY: 6

72 PIN HEAT SINKS
QUANTITY: 6

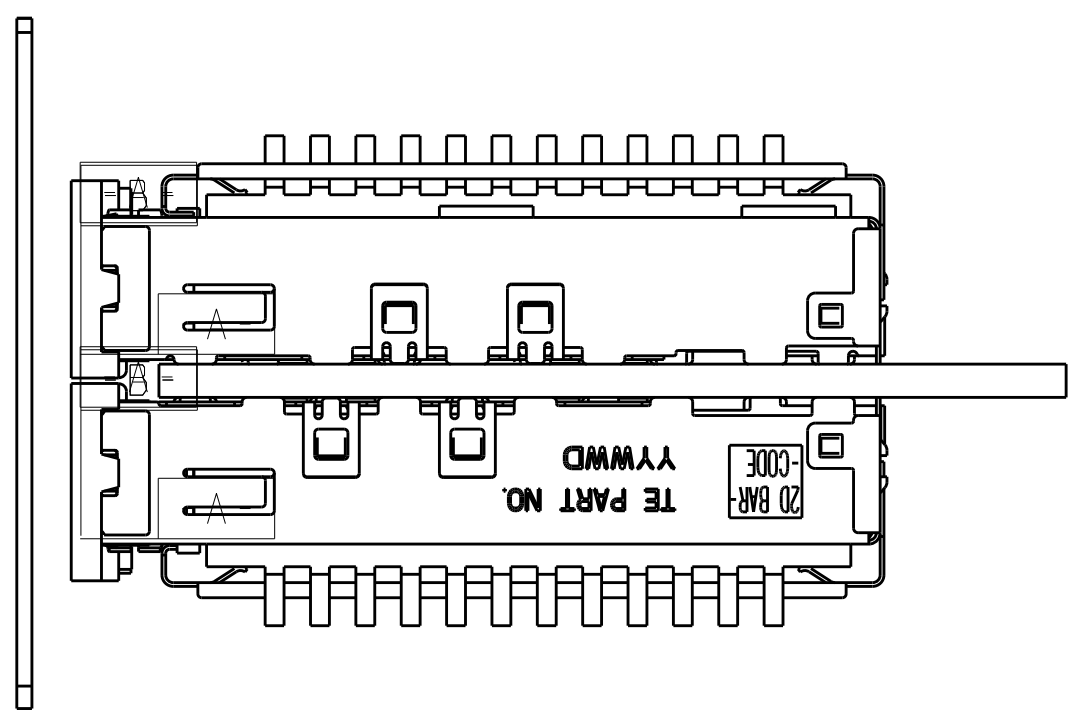
1X6 BEHIND BEZEL QSFP
CAGE ASSEMBLY
QUANTITY: 1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C. VALENTINE	17MAR2010	 TE Connectivity	
		CHK	J. PETERSON	17MAR2010		
DIMENSIONS:		APVD	J. PETERSON	17MAR2010	NAME	1X6 CAGE ASSEMBLY, BEHIND BEZEL. W/ HEAT SINKS, QSPF
mm		PRODUCT SPEC				



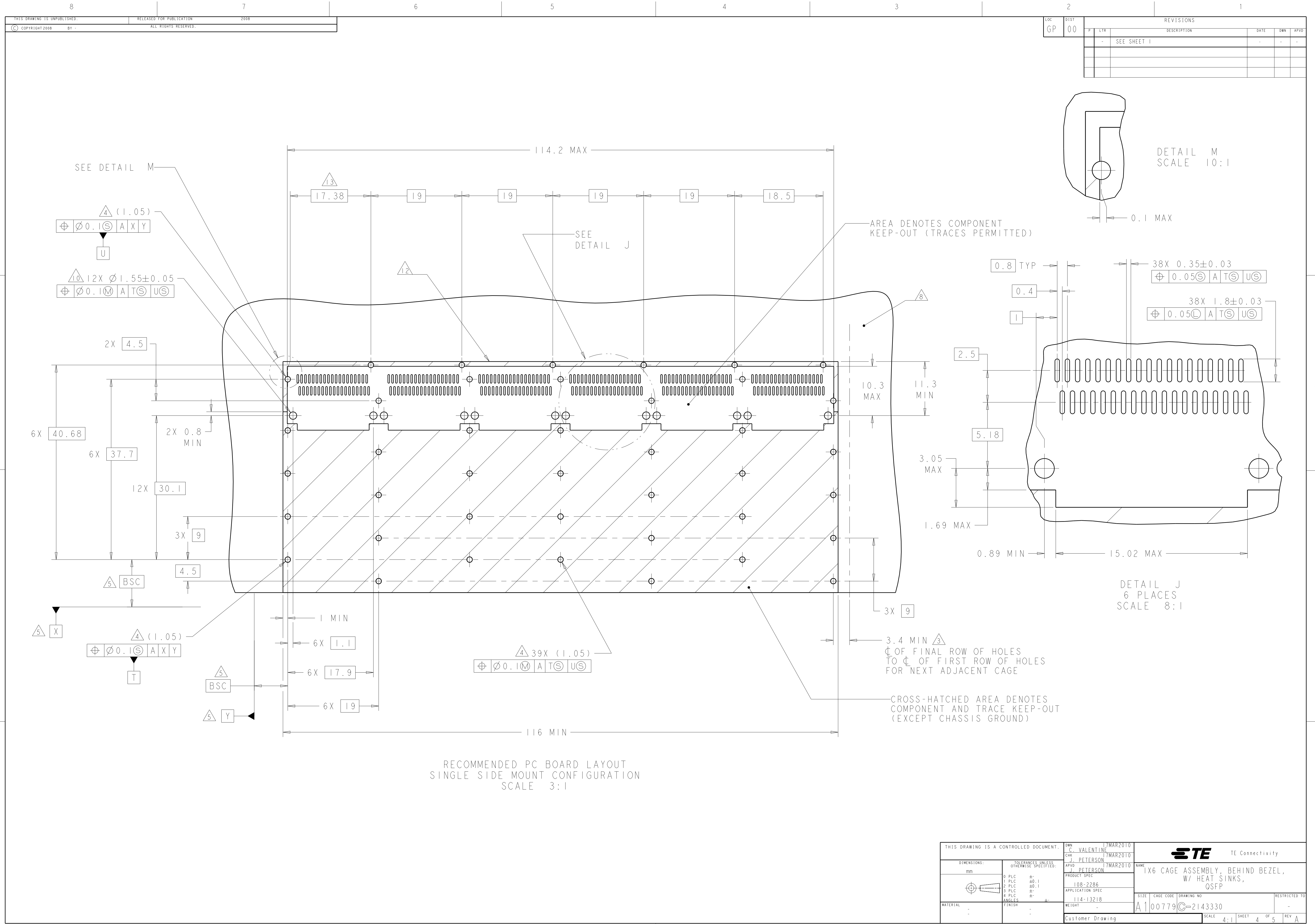
GAP FOR EMI GASKET
 PROVIDED BY CUSTOMER

4 OF CONNECTOR
 GUIDE POSTS
 PER SPEC

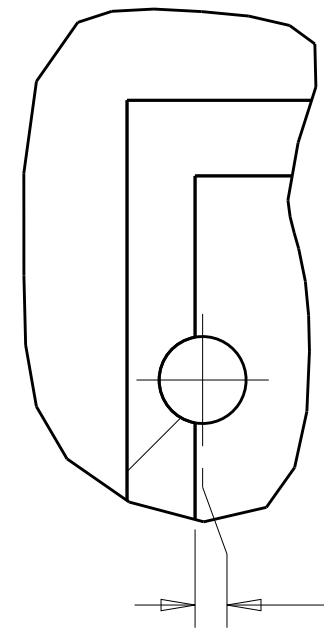


F 
(THICKNESS
OF PC BOARD)

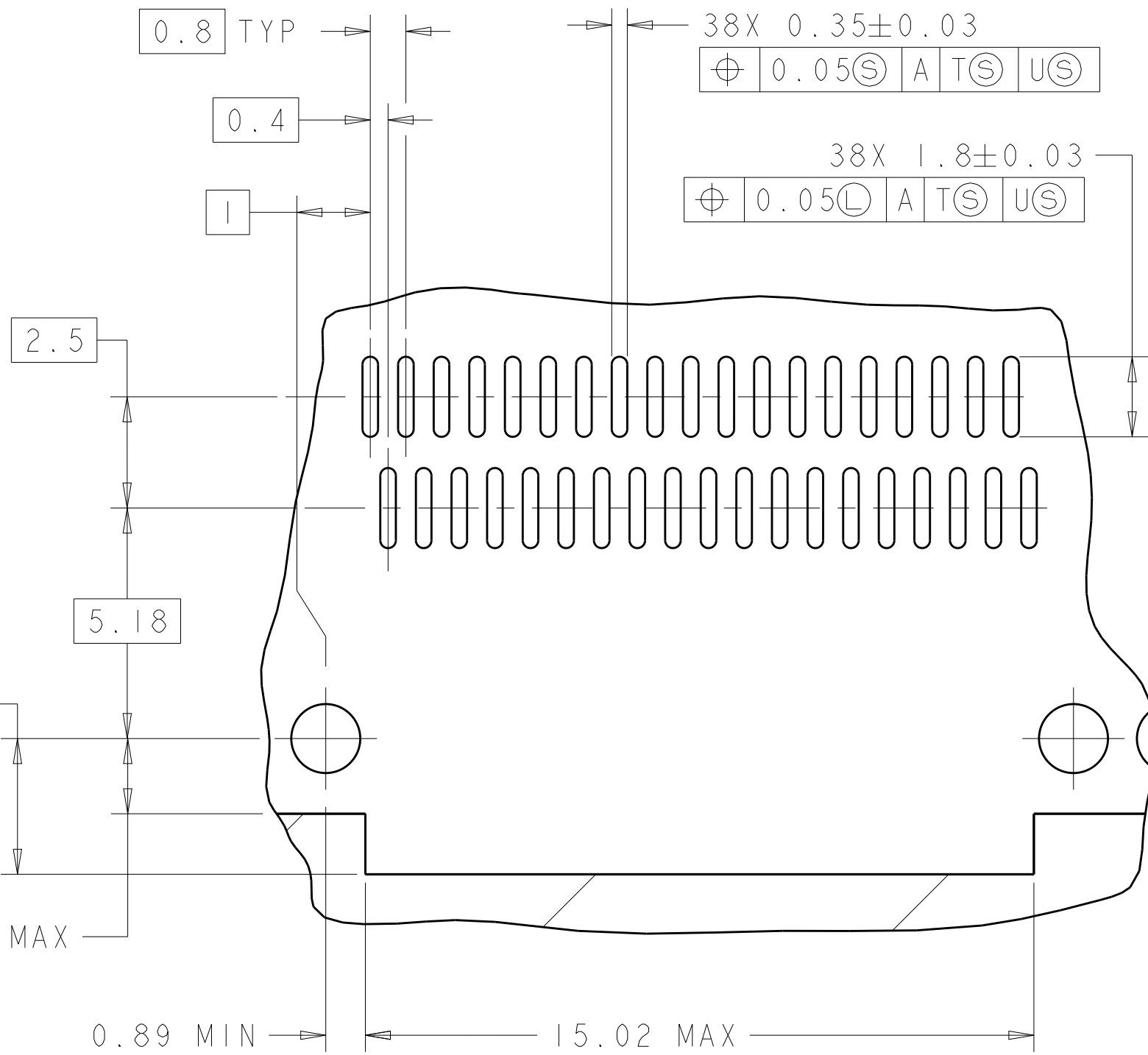
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 17MAR2010 C. VALENTINE CHK 17MAR2010 J. PETERSON APVD 17MAR2010 J. PETERSON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218		SIZE CAGE CODE DRAWING NO A100779 C=2143330	
MATERIAL .		FINISH .		RESTRICTED TO -	
		WEIGHT .		SCALE 3:1 SHEET 3 OF 5 REV A	
Customer Drawing					



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



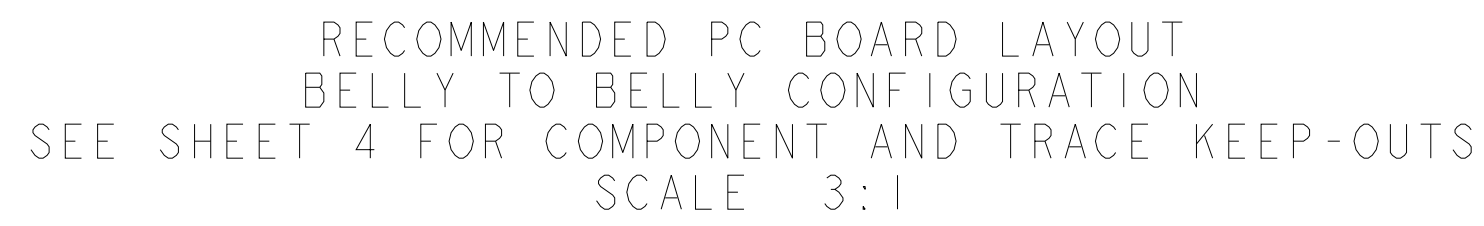
DETAIL M
SCALE 10:1



DETAIL J
6 PLACES
SCALE 8:1

RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK J. PETERSON APVD J. PETERSON	7MAR2010 7MAR2010 7MAR2010	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ HEAT SINKS, QSFP	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ±0.1 ±0.1 ± ± ± -		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218	
MATERIAL -		WEIGHT -		SIZE A100779C=2143330	
		Customer Drawing		RESTRICTED TO -	
				SCALE 4:1 SHEET 4 OF 5 REV A	

4805 (3/11)

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[TE Connectivity:](#)

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