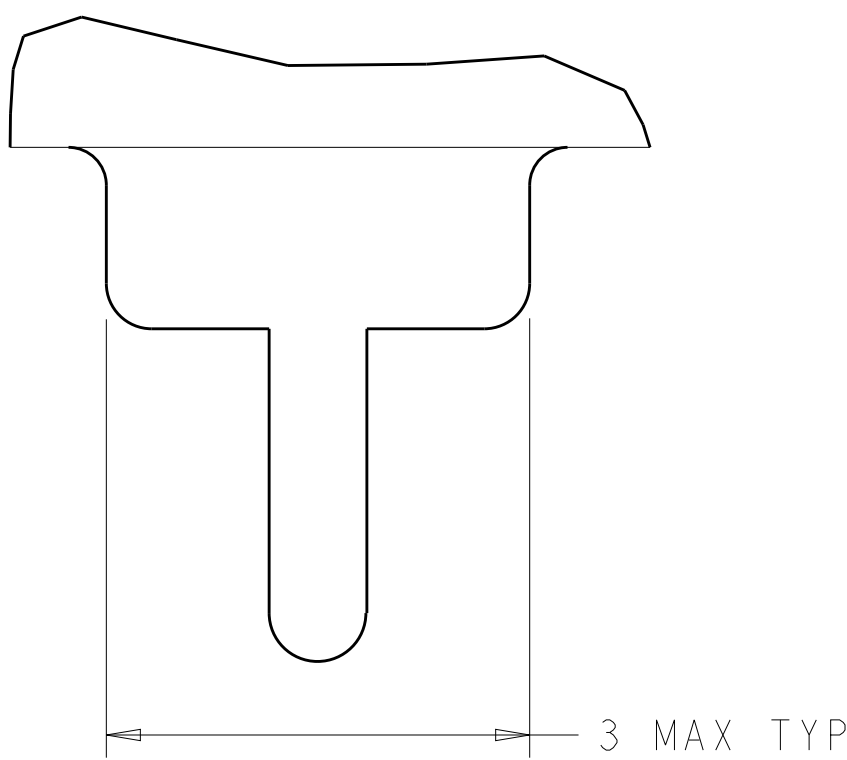
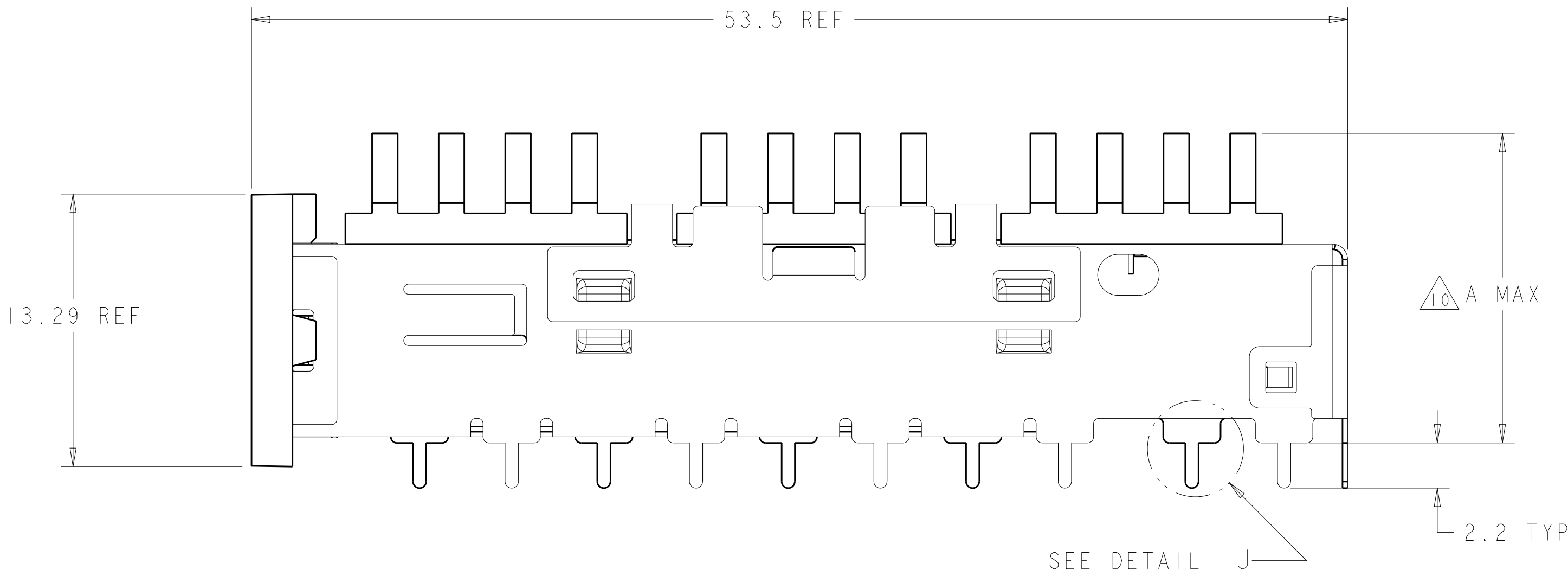
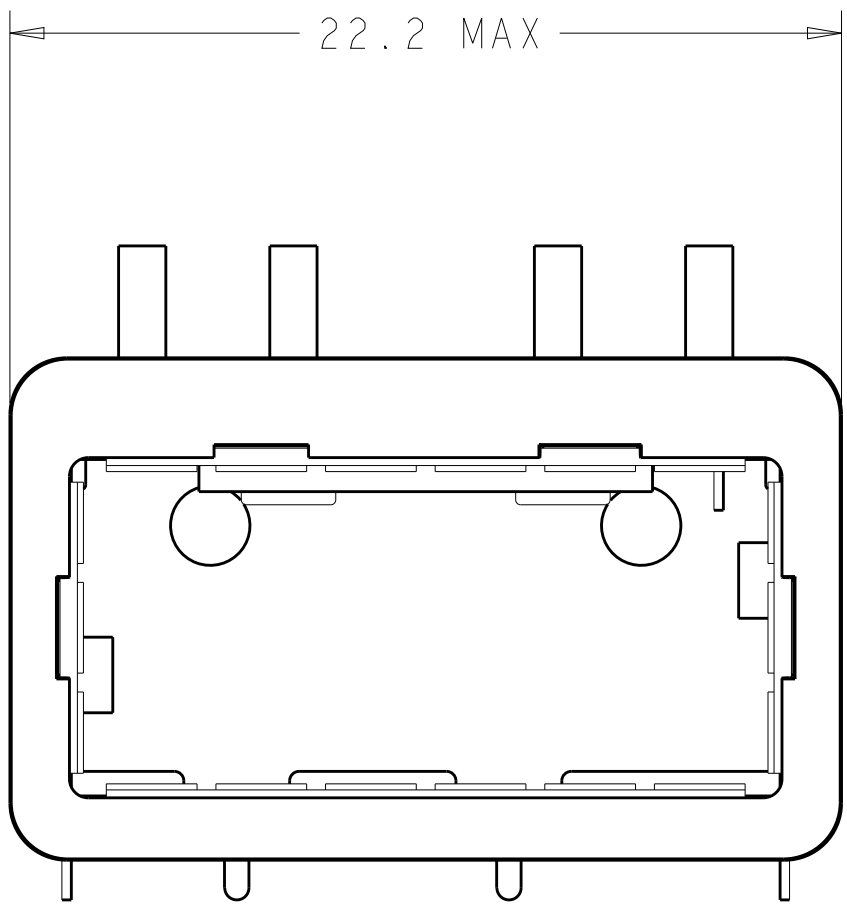
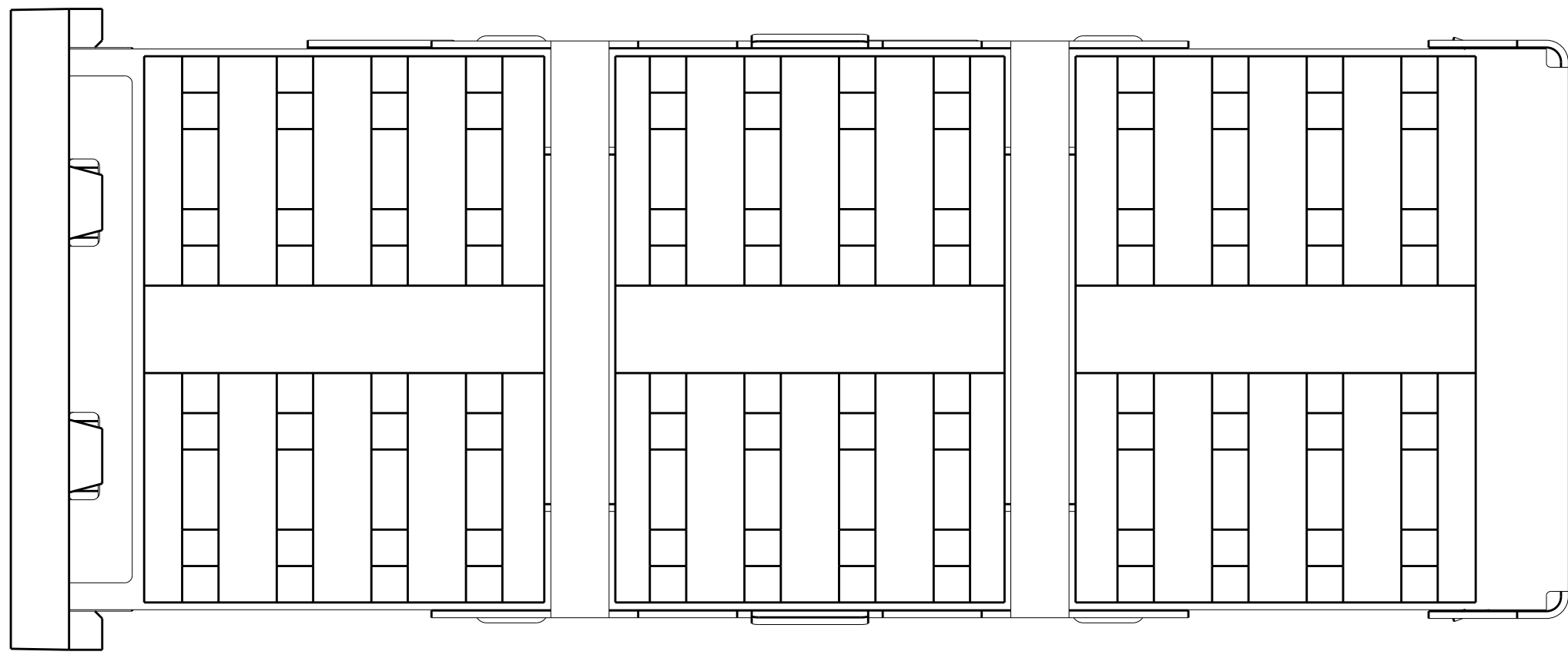
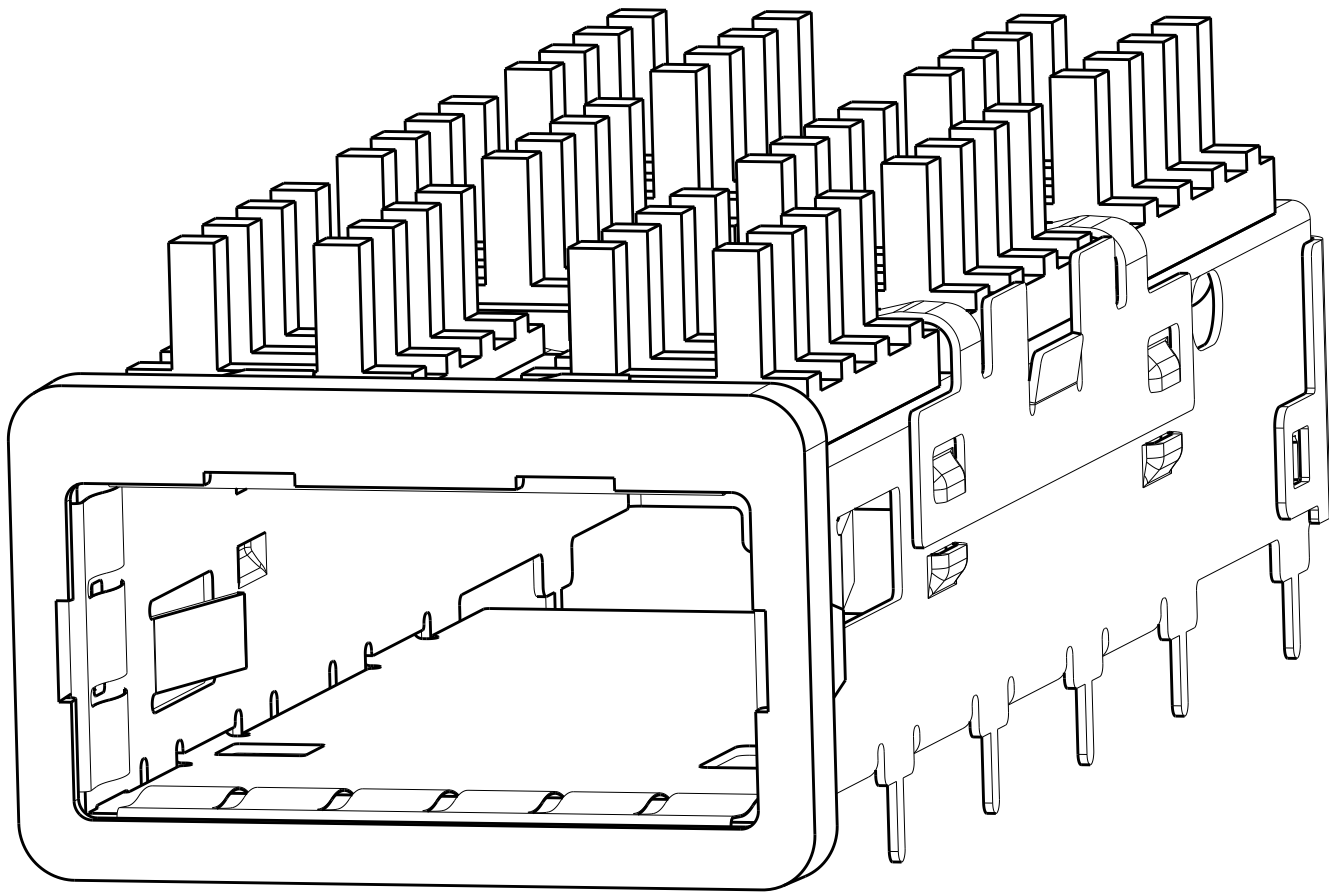
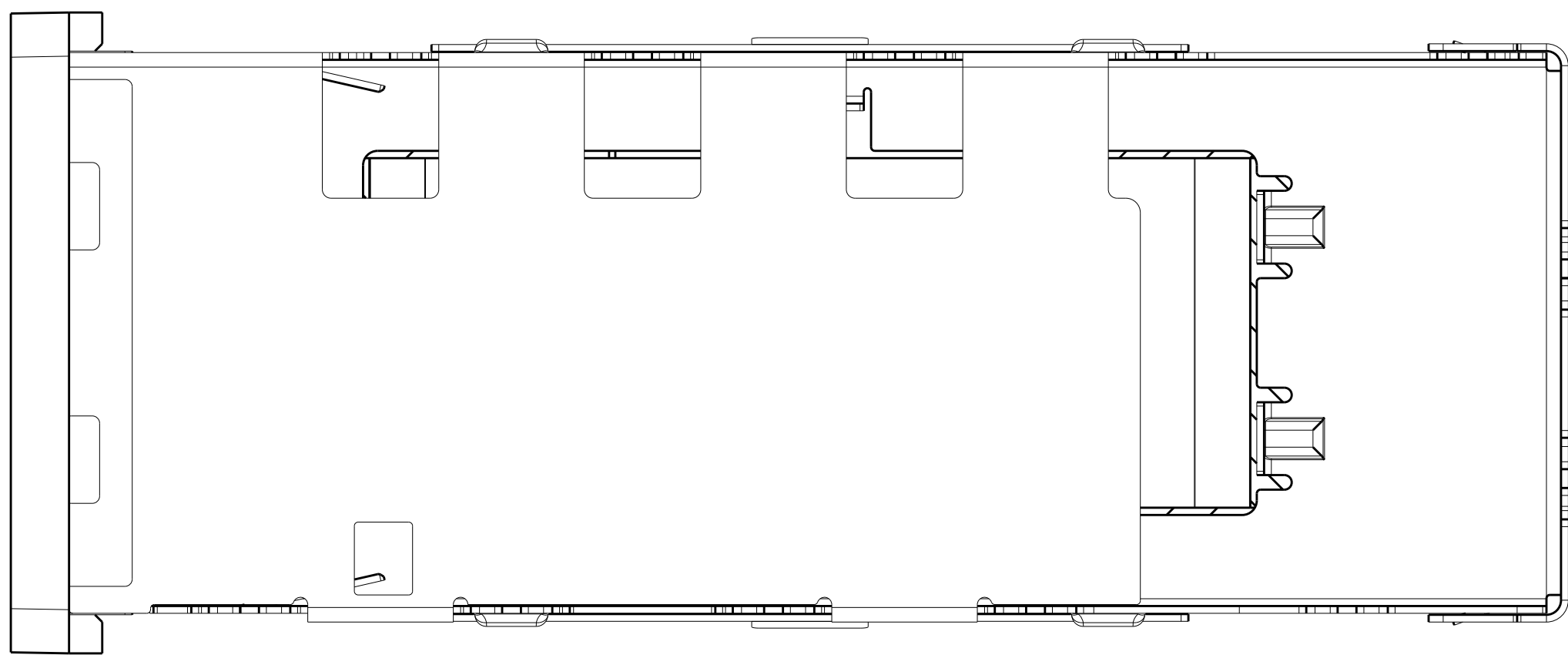


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			I	PRELIMINARY	23AUG2012	DZ	JY







DETAIL J
SCALE 20:1



- ⚠ 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
- ⚠ 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
- ⚠ HEAT SINK AND CLIP 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 (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.
- ⚠ 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.

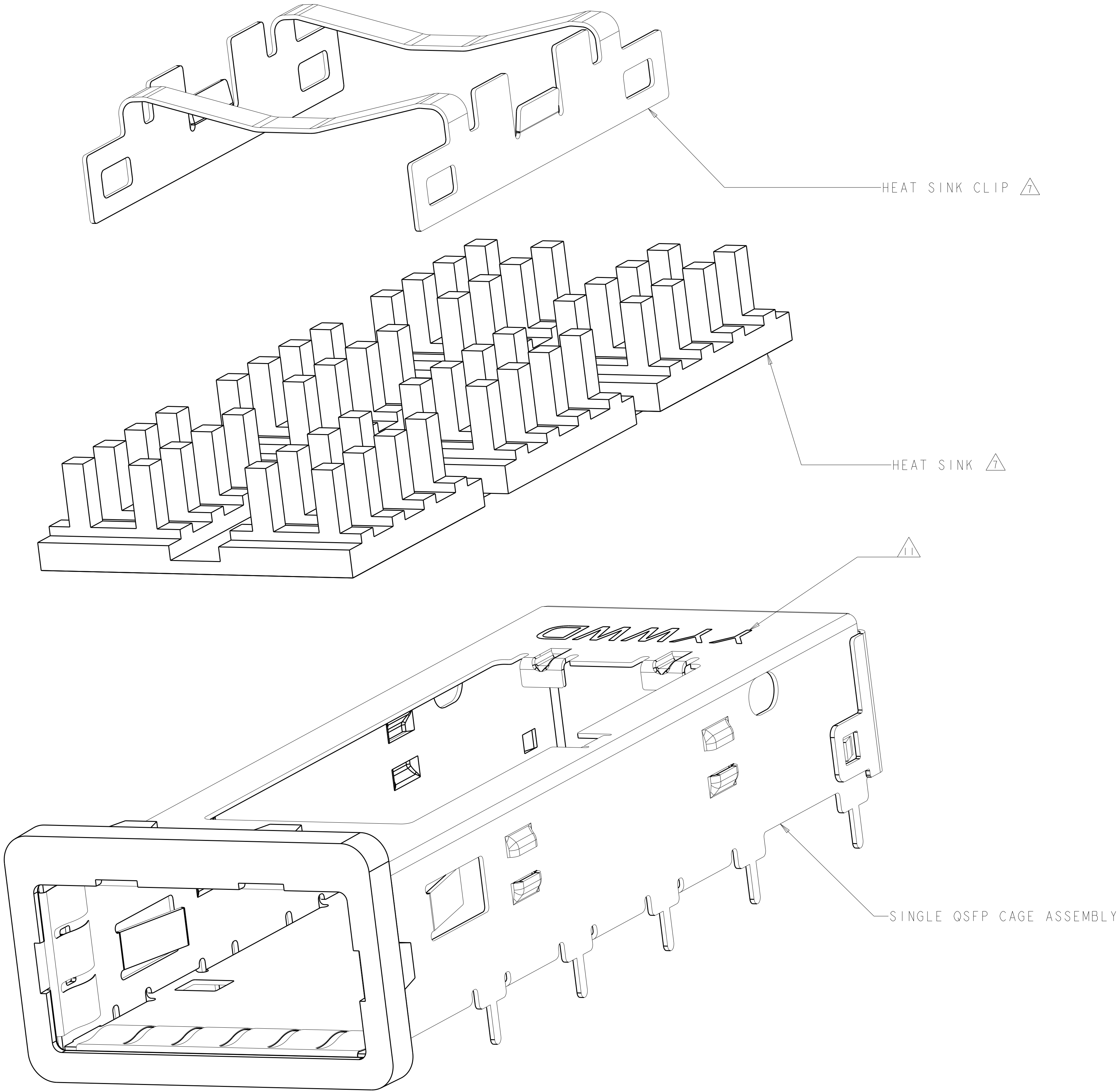
13. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

13.7	PCI HEAT SINK	2170395-1
A	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. ZHU 23AUG2012		 TE Connectivity	NAME CAGE ASSEMBLY, BEHIND BEZEL, QSFP WITH HEAT SINK	RESTRICTED TO -				
DIMENSIONS:		CHK J. YANG 23AUG2012								
mm		APVD A. HAI 23AUG2012								
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC								
		0 PLC ±0.5 1 PLC ±0.13 2 PLC ±0.013 3 PLC ±0.0001		108-2286 APPLICATION SPEC		SIZE A1	CAGE CODE 00779	DRAWING NO 2170395	SHEET 1 OF 4	REV 1
MATERIAL 		FINISH 		WEIGHT -						
Customer Drawing										


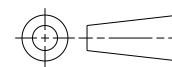
DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

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

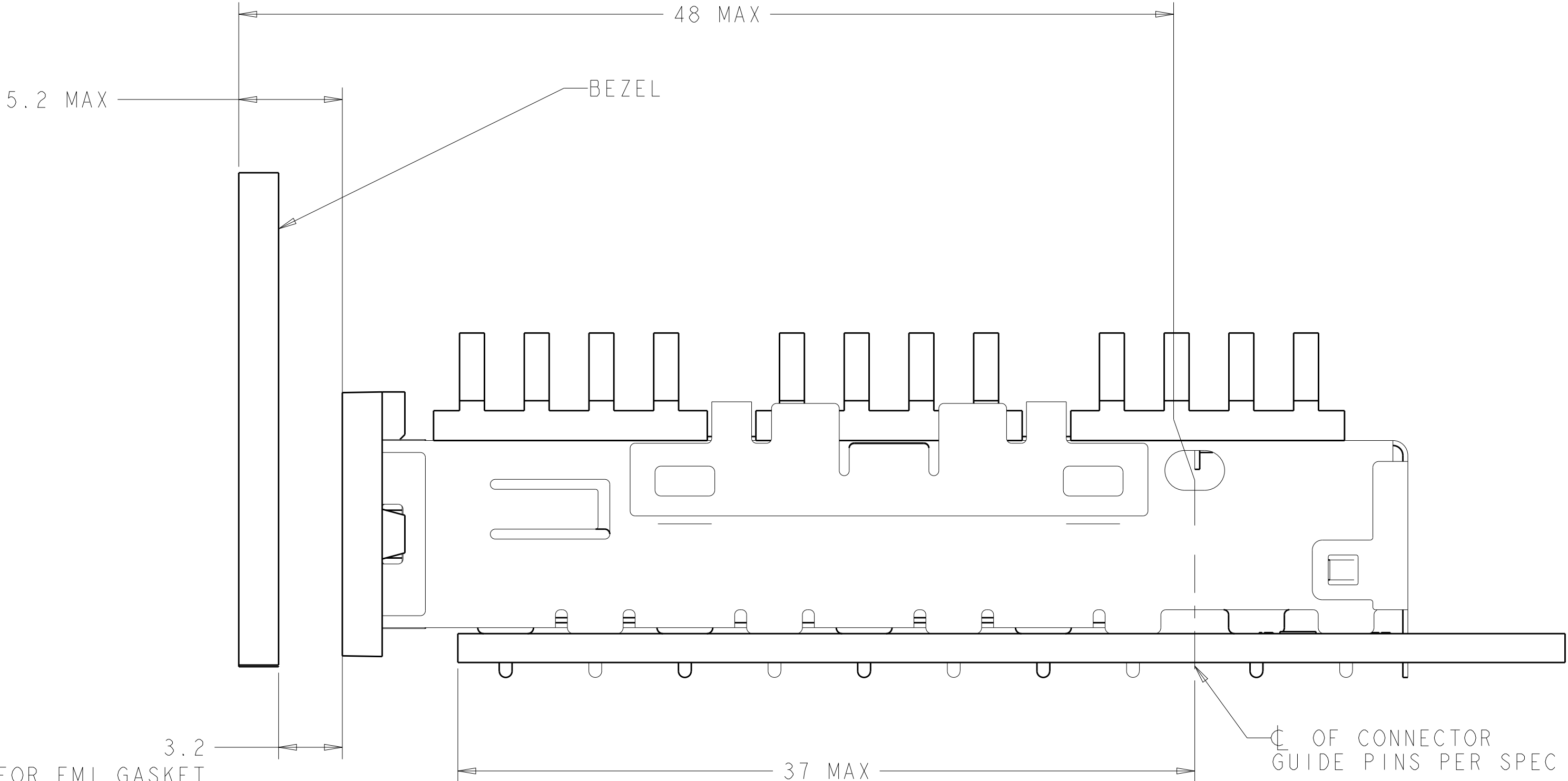
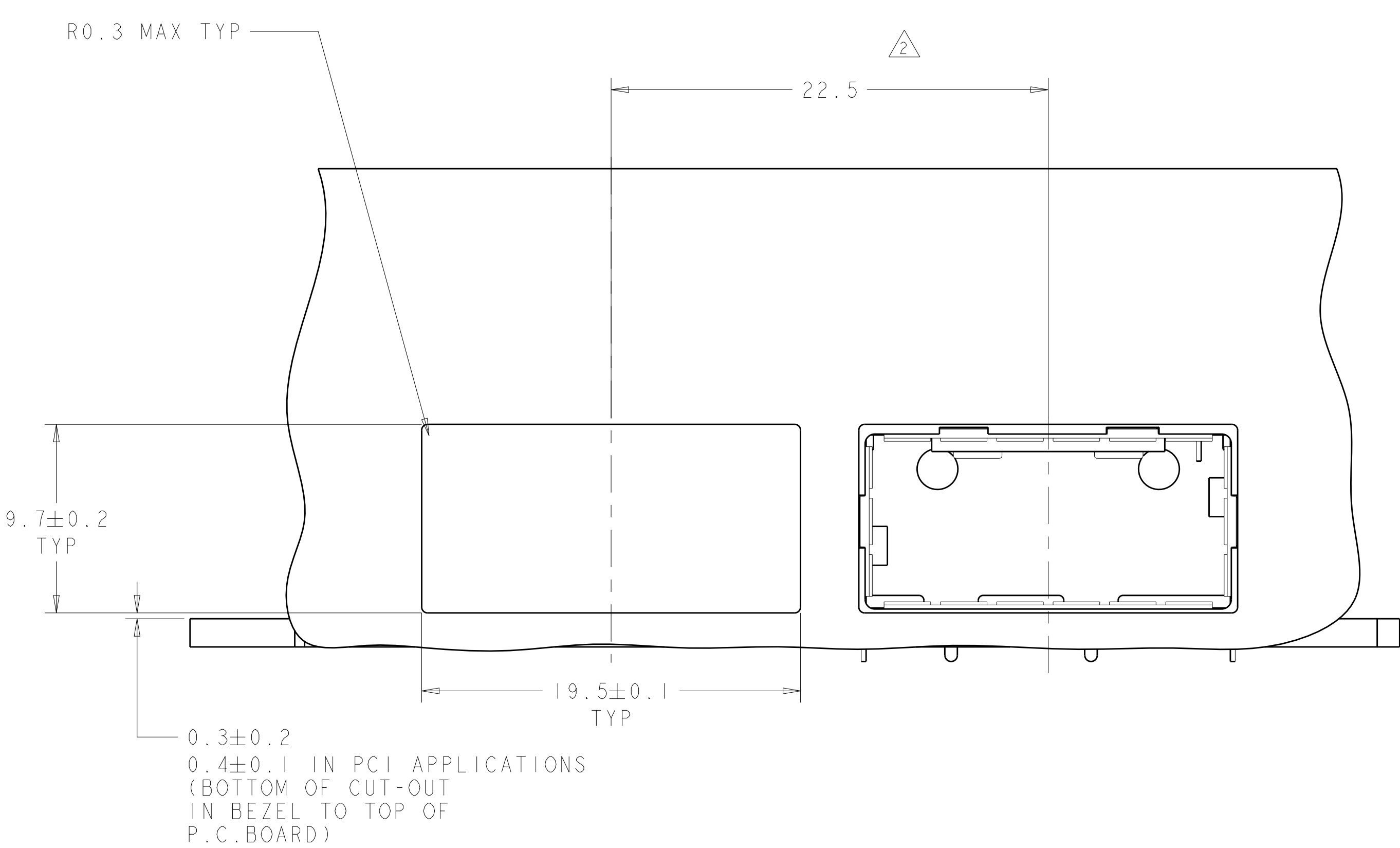


EXPLODED VIEW
SCALE 8:1

DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	23AUG2012	 TE Connectivity		
DIMENSIONS: mm		CHK	23AUG2012			
		J. YANG	23AUG2012			
		A. CAI	23AUG2012			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	23AUG2012	NAME	CAGE ASSEMBLY, BEHIND BEZEL, QSPF WITH HEAT SINK	
0 PLC ±.5		PRODUCT SPEC		SIZE	-	
1 PLC ±0.5		108-2286		CAGE CODE	-	
2 PLC ±0.13		APPLICATION SPEC		DRAWING NO	-	
3 PLC ±0.013		114-13218		A100779	©=2170395	
4 PLC ±0.0001		WEIGHT		Customer Drawing		
ANGLES		FINISH		SCALE	2:1	
MATERIAL		-		SHEET	2 OF 4	
-		-		REV	1	



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



DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	D. ZHU	23AUG2012	TE Connectivity	
		CHK	J. YANG	23AUG2012		
		APVD	A. CAI	23AUG2012	NAME	
		PRODUCT SPEC			CAGE ASSEMBLY, BEHIND BEZEL, QSFP,	
		APPLICATION SPEC			WITH HEAT SINK	
		114-13218			SIZE	
		WEIGHT			CAGE CODE	
		Customer Drawing			DRAWING NO	
					RESTRICTED TO	
					A100779C=2170395	
					SCALE	
					2:1	
					SHEET	
					3 OF 4	
					REV	
					1	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. NO. 23AUG2012		 TE Connectivity	
		CHK. C. YANG 23AUG2012			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: APD. 0.001 23AUG2012		NAME: CAGE ASSEMBLY, BEHIND BEZEL, QSPF WITH HEAT SINK	
		PRODUCT SPEC 108-2286		SIZE: CAGE CODE: DRAWING NO. 2170395	
		APPLICATION SPEC 114-13218		RESTRICTED TO: -	
		WEIGHT: -		SCALE: 2:1	
		Customer Drawing		SHEET 4 OF 4	
MATERIAL: -		REV: 1			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2170395-1](#)