

LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00	A		RELEASE PER ECR-15-011430	25AUG2015	RG	SH	
		B		REVISED PER ECO-17-009893	7JUL2017	RG	SH	
		C		REVISED PER ECO-17-010599	20JUL2017	RG	SH	
		D		REVISED PER ECO-18-005129	04APR2018	TX	SH	

1 MATERIAL:
CAGE - 0.25 THICK CuNiSi 1.25µm MINIMUM TIN
PER 112-16-4 OVER 0.125µm MINIMUM NICKEL PER 112-25-2.
OR 0.25 THICK NICKEL SILVER ALLOY
SPRINGS - COPPER ALLOY
HEAT SINK - ALUMINUM
HEAT SINK CLIP - STAINLESS STEEL

2 MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.

4 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

5. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.45mm
DOUBLE SIDED: 2.2mm

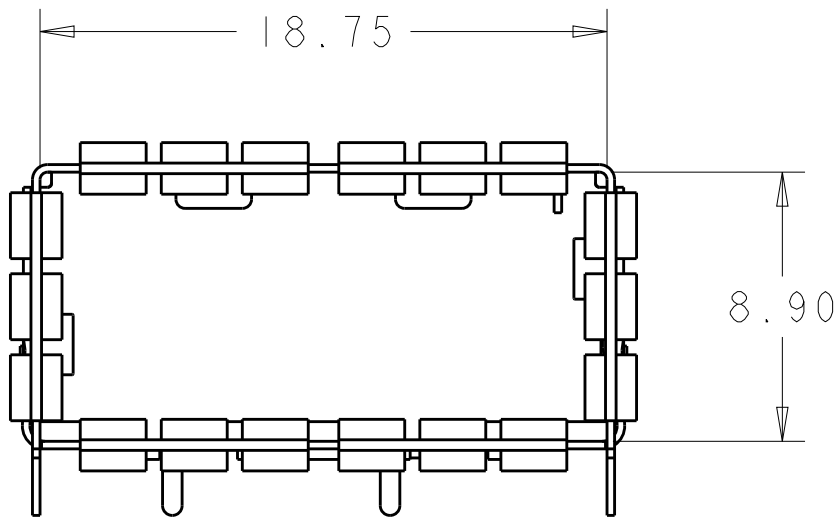
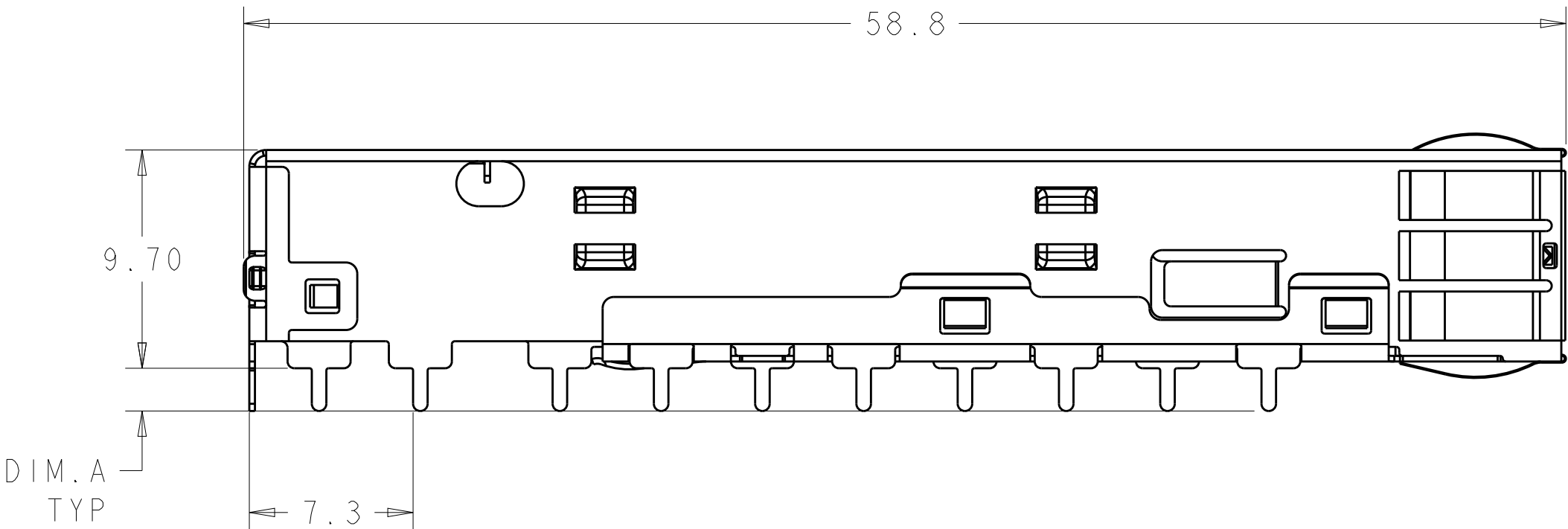
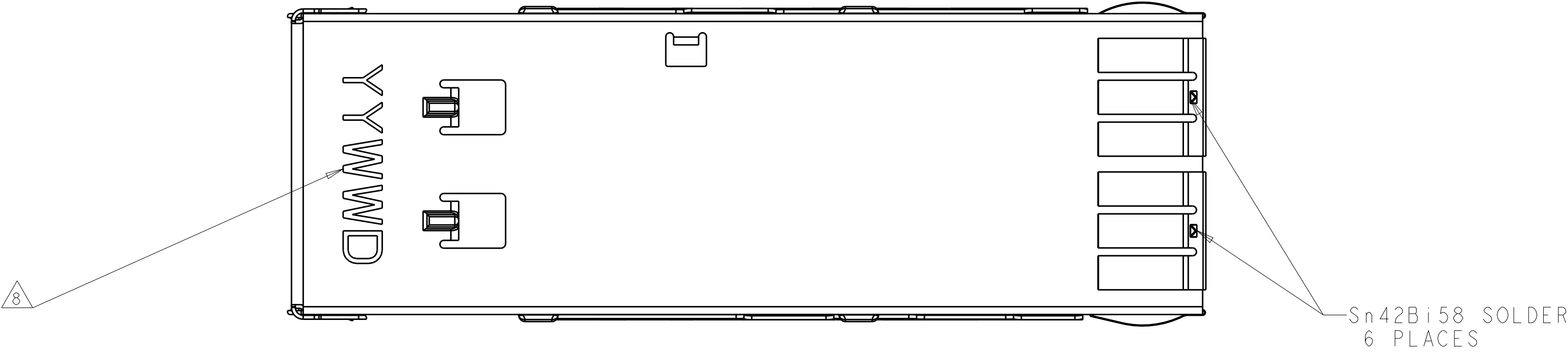
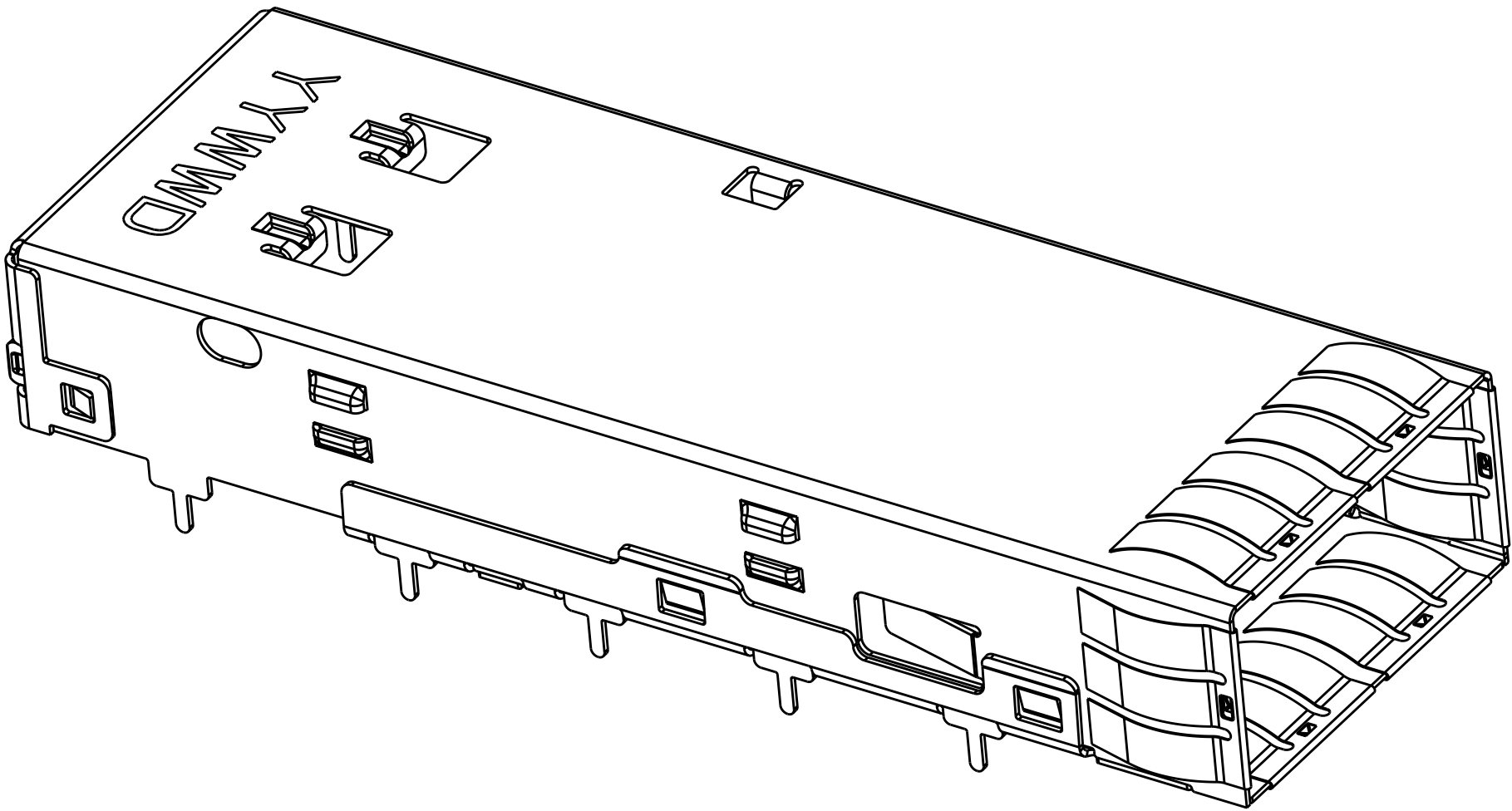
6 DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

7 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT
WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT
PC BOARD.

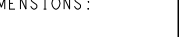
8 DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.

9 FINISH:
SPRINGS - TIN PLATING OVER NICKEL,
NON-PLATED EDGES PERMISSIBLE.
HEAT SINK - BLACK ANODIZED

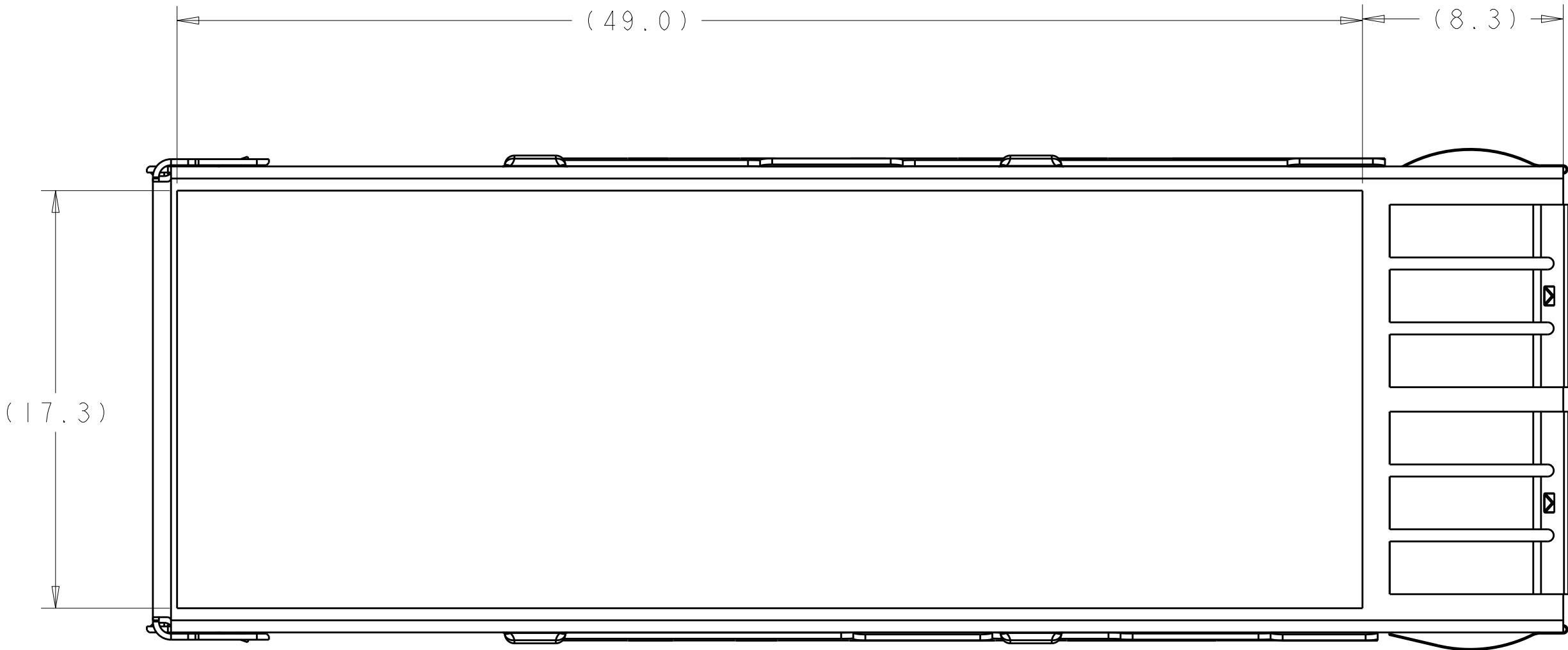
10 DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE.



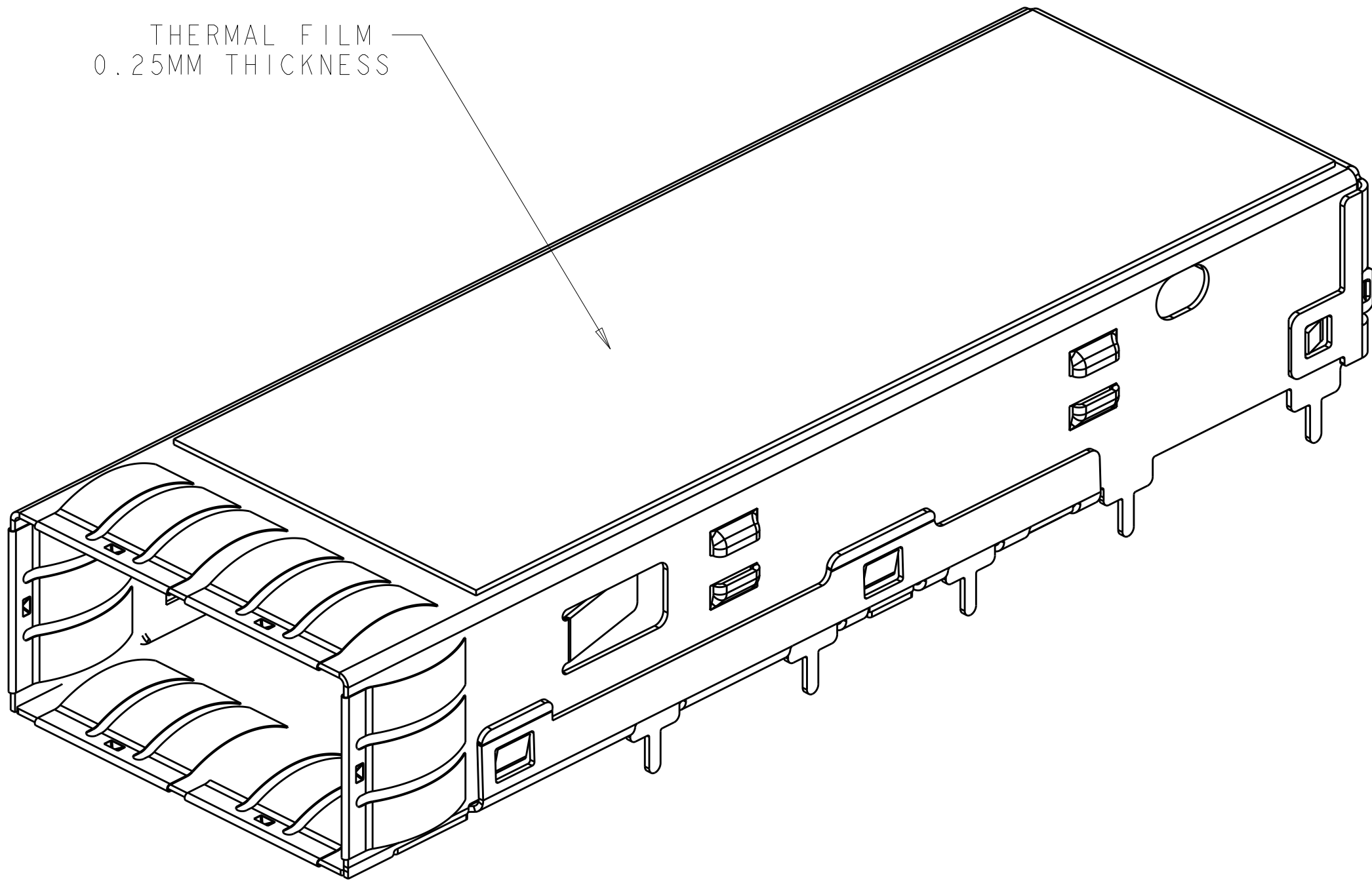
TIN PLATING OVER ALL	2.60	C70260 Cu Ni Si	2170322-6
TIN DIPPING ON TAIL	1.90	C77000 NICKEL SILVER ALLOY	2170322-3
TIN PLATING OVER ALL	1.90	C70260 Cu Ni Si	2170322-1
TREATMENT	DIM. A	CAGE MATERIAL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 04FEB2013	 TE Connectivity	
		CHK: JASON YANG 04FEB2013		
DIMENSIONS:		APVD: ALEX CAI 04FEB2013	NAME: QSPF IXI CAGE ASSEMBLY SOLDER, THRU BEZEL	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC		
	0 PLC ±0.25	108-2286	SIZE: A100779C=2170322	
	1 PLC ±0.25	APPLICATION SPEC		
	2 PLC ±0.20	114-13217	RESTRICTED TO: -	
	3 PLC ±	WEIGHT: -		
MATERIAL	4 PLC ±	CUSTOMER DRAWING		
	ANGLES ±4°			
	FINISH	SCALE: 2:1 SHEET 1 OF 6 REV D		
				

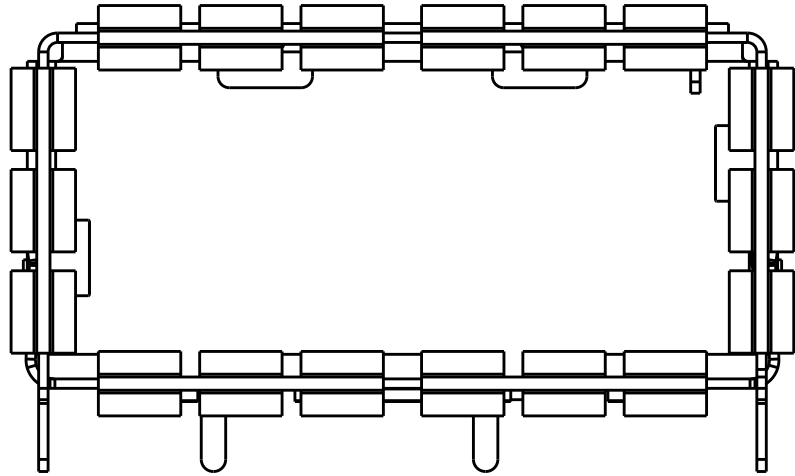
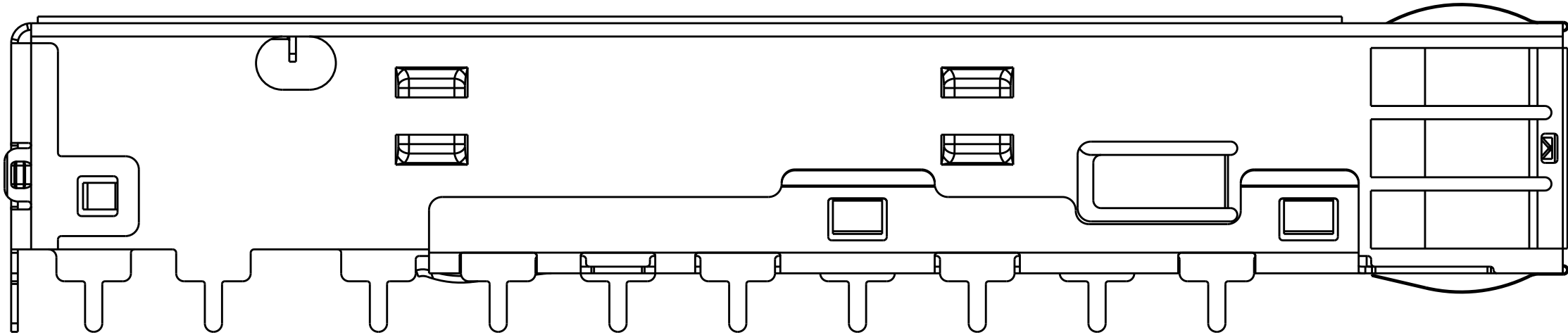
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



I-2170322-0 BE SAEM TO 2170322-1 EXCPET WITH THE FILM



I-2170322-0 AS SHOWN
SCALE 5:1



SCALE 5:1

⚠

TIN PLATING OVER ALL TREATMENT

C70260 Cu Ni Si

I-2170322-0

CAGE MATERIAL

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±
4 PLC ±
ANGLES ±°
FINISH -

-

DWN: PETER PAN 04FEB2013
CHK: JASON YANG 04FEB2013
APVD: ALEX CAI 04FEB2013

PRODUCT SPEC
108-2286
APPLICATION SPEC
114-13217
WEIGHT -

CUSTOMER DRAWING

NAME: QSPF
IXI CAGE ASSEMBLY
SOLDER, THRU BEZEL

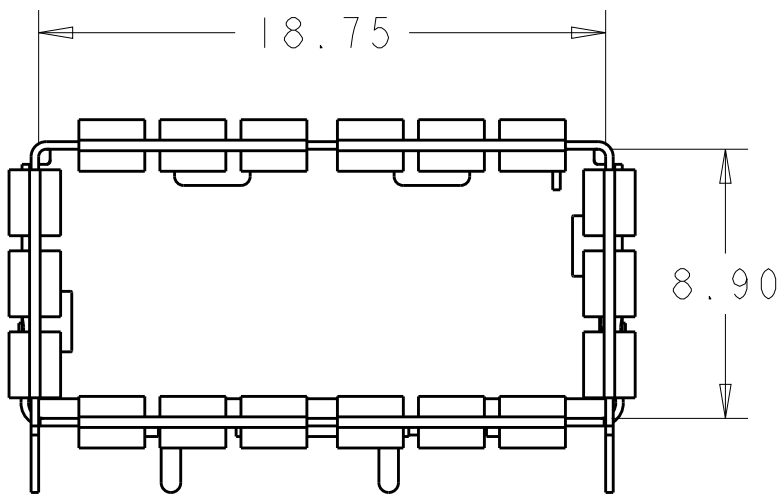
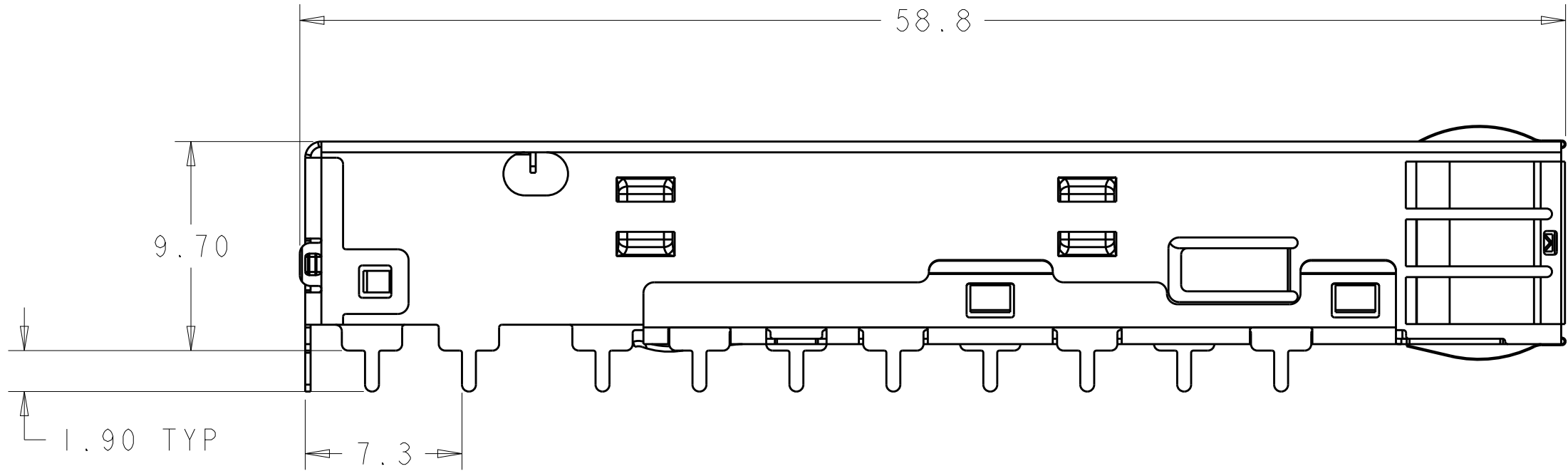
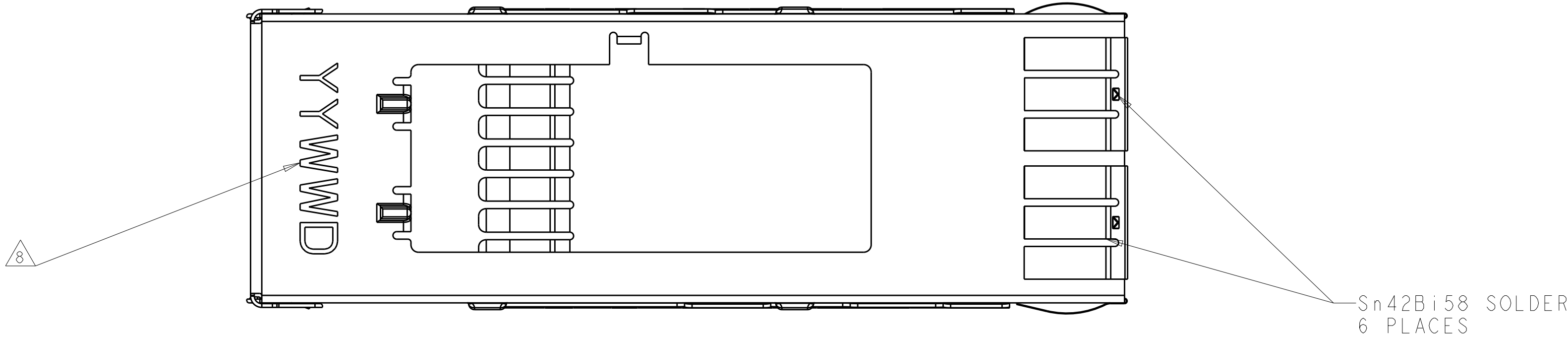
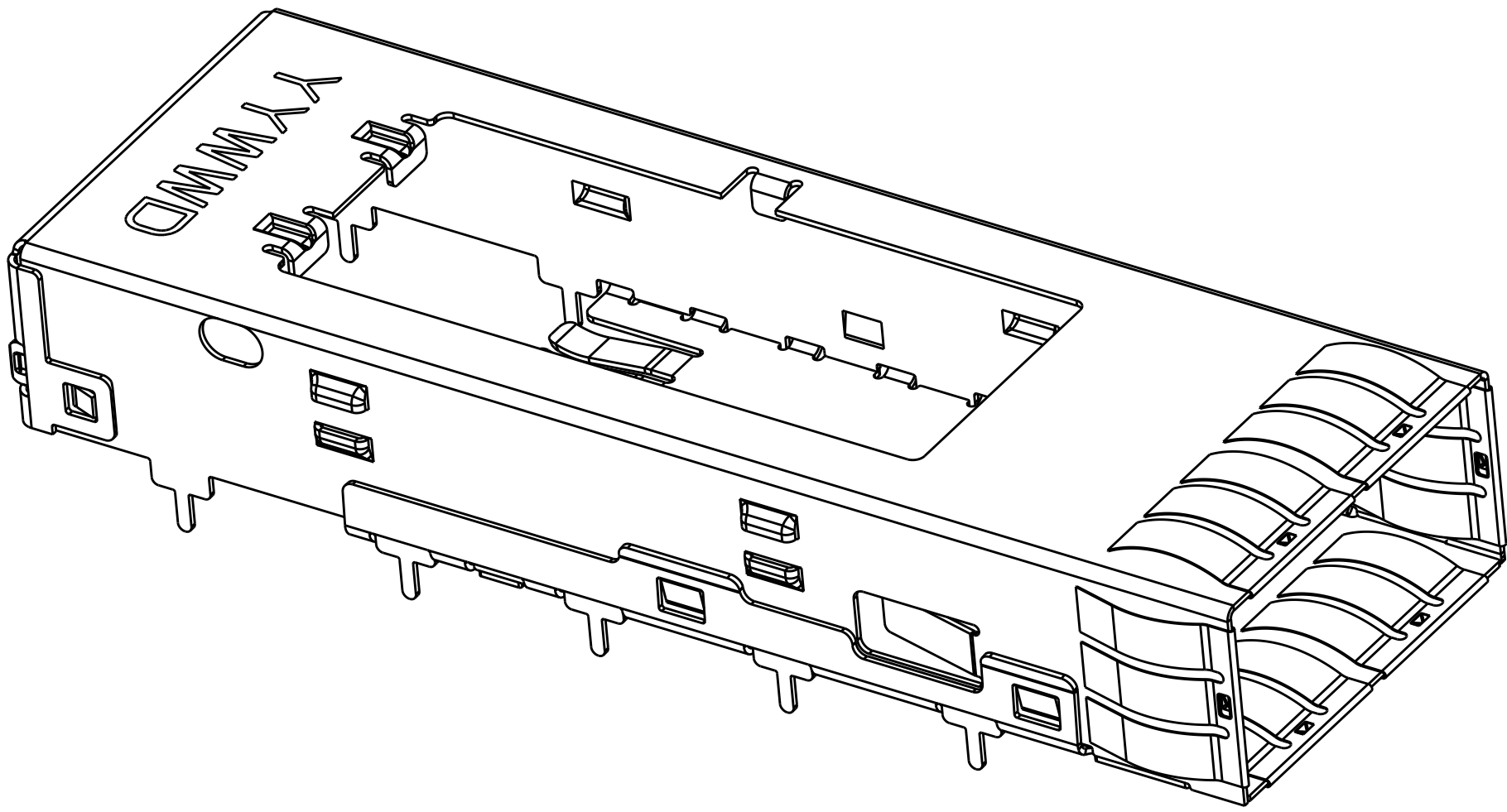
SIZE: A1
CAGE CODE: 00779
DRAWING NO: C=2170322

RESTRICTED TO: -

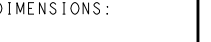
TE Connectivity

SCALE: 2:1
SHEET: 2 OF 6
REV: D

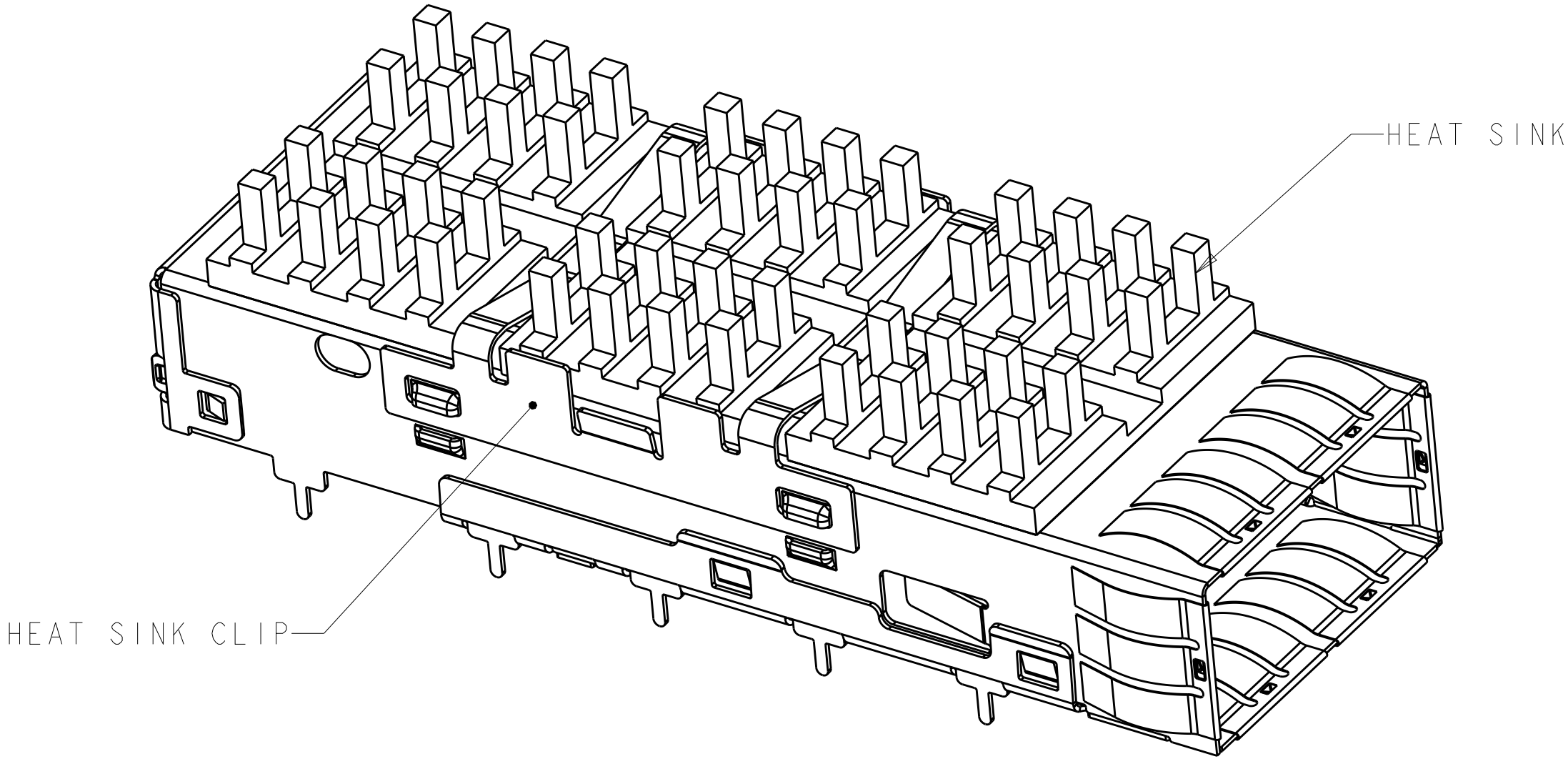
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



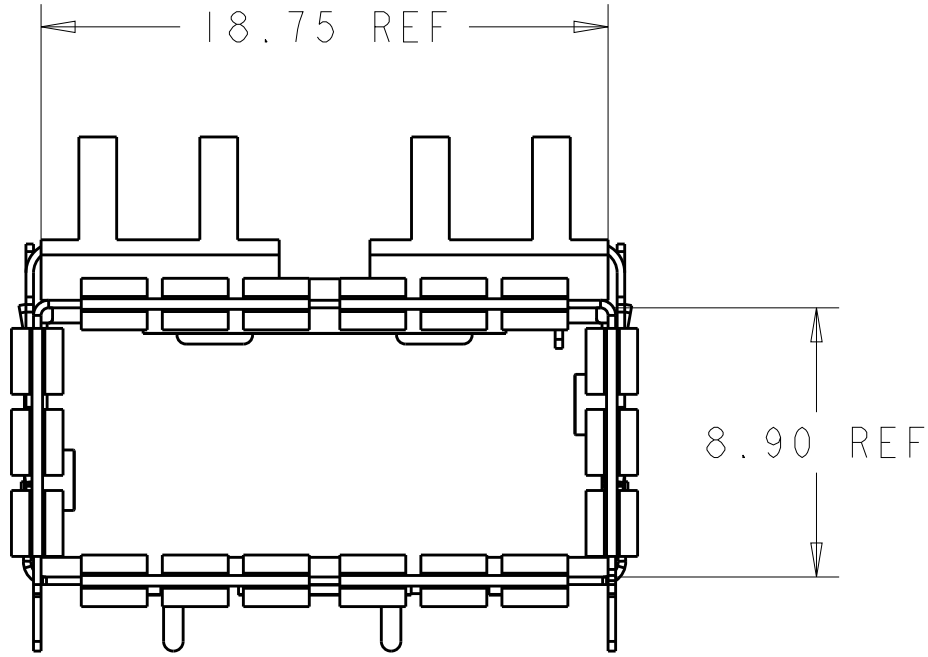
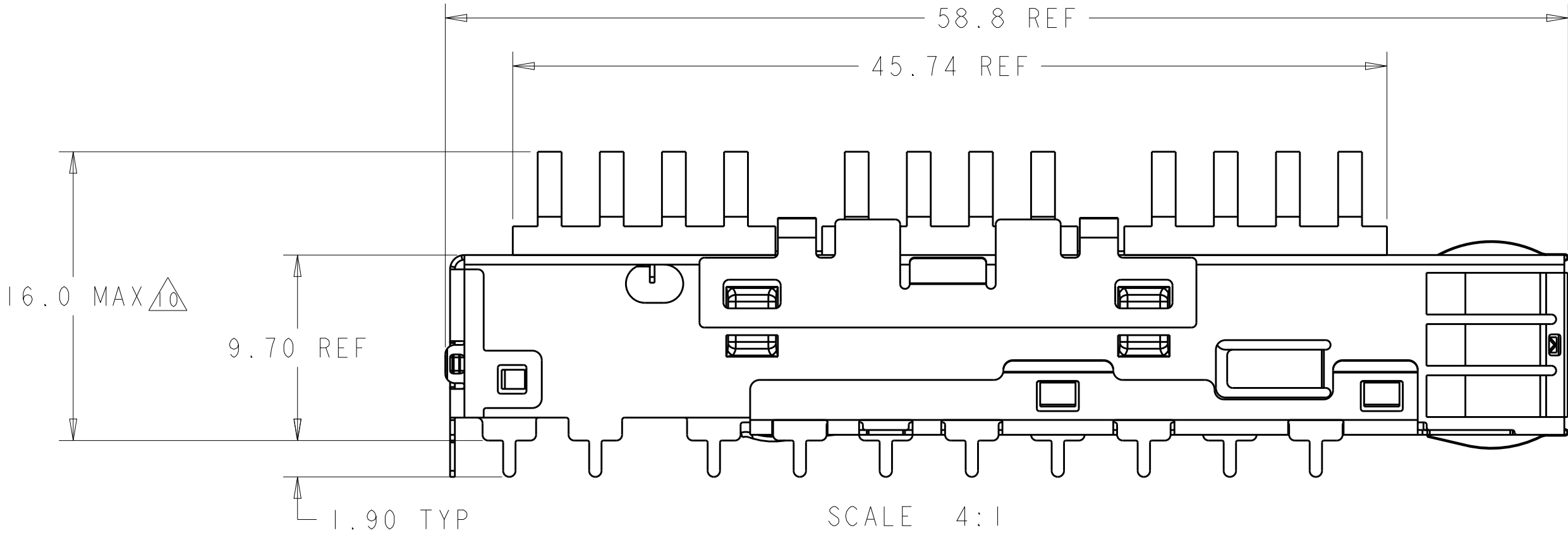
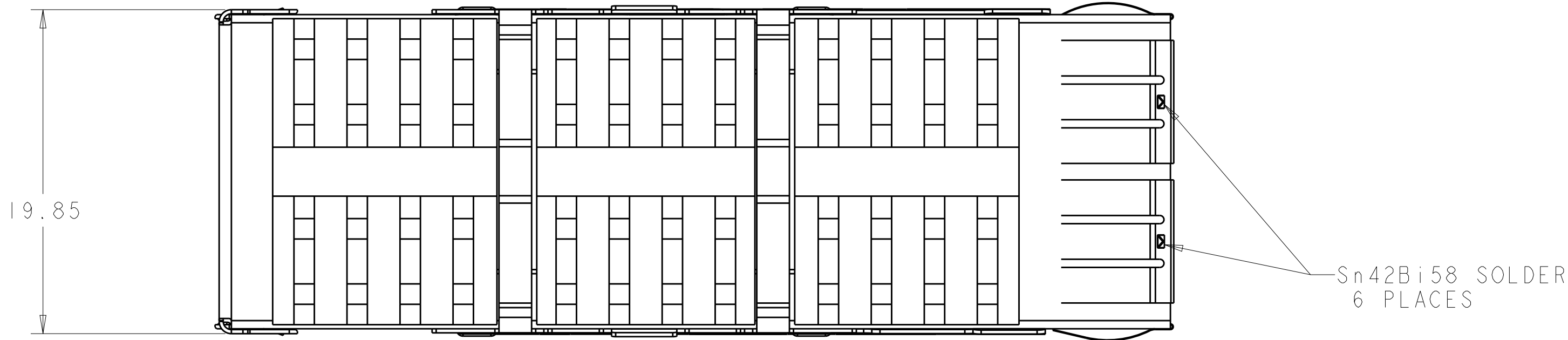
	TIN PLATING OVER ALL TREATMENT	C70260 Cu Ni Si CAGE MATERIAL	2170322-2 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 04FEB2013		 TE Connectivity	
		CHK: JASON YANG 04FEB2013			
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME: OSFP IXI CAGE ASSEMBLY SOLDER, THRU BEZEL	
mm		APVD: ALEX CAI 04FEB2013			
		PRODUCT SPEC		SIZE: A1 CAGE CODE: 00779 C=2170322	
		108-2286			
		APPLICATION SPEC			
		114-13217			
		WEIGHT			
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	
-		-		-	

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



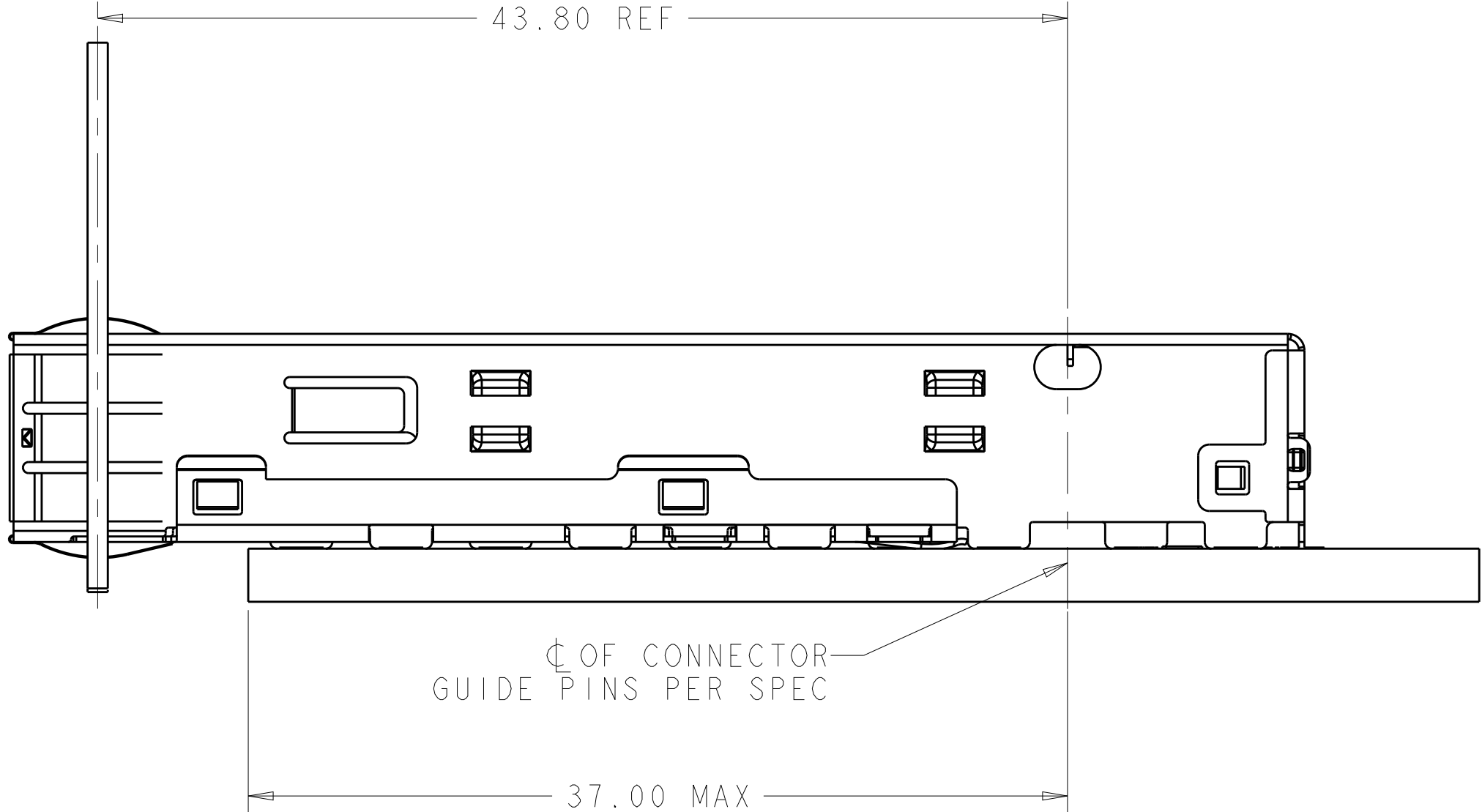
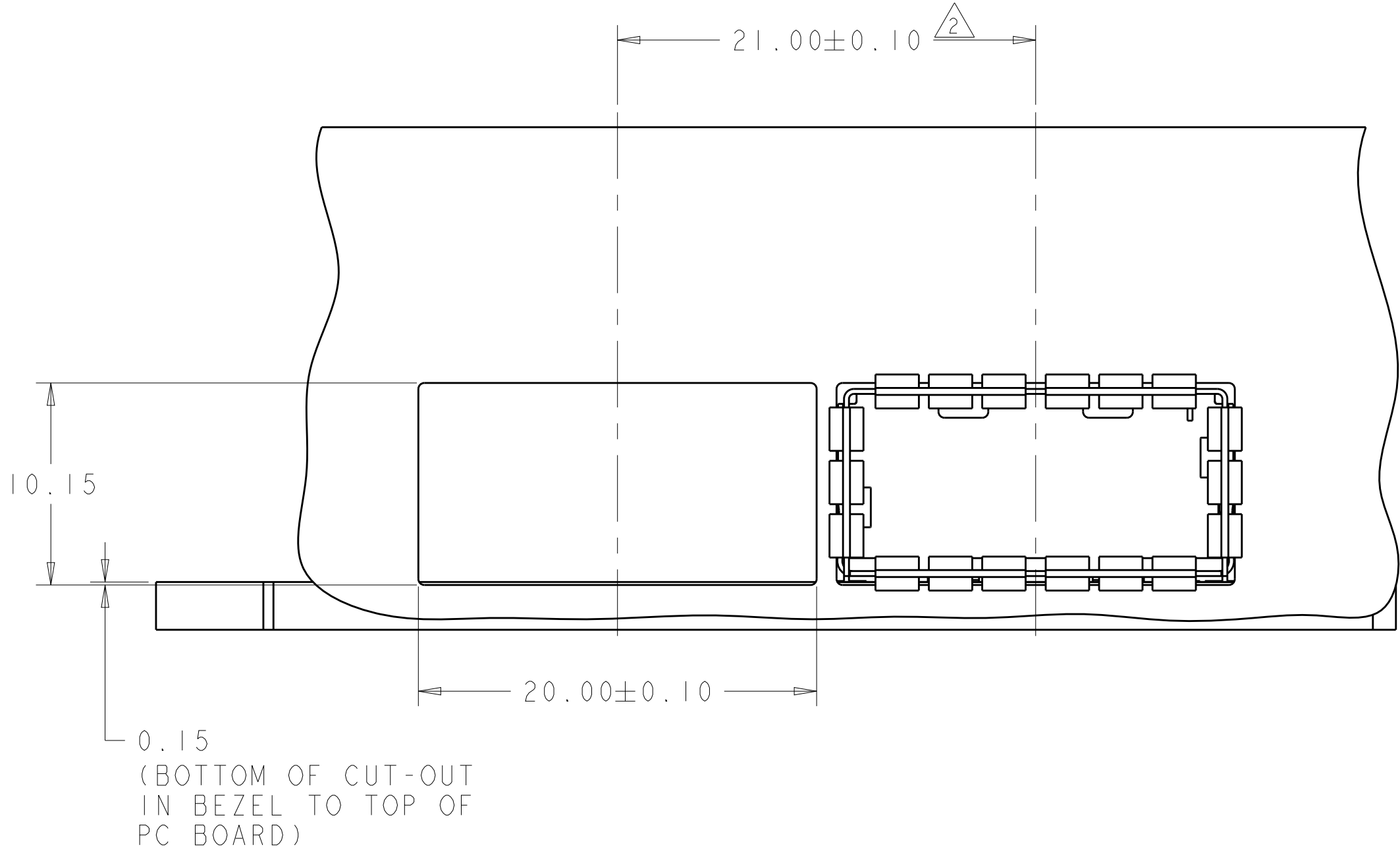
SCALE 4:1



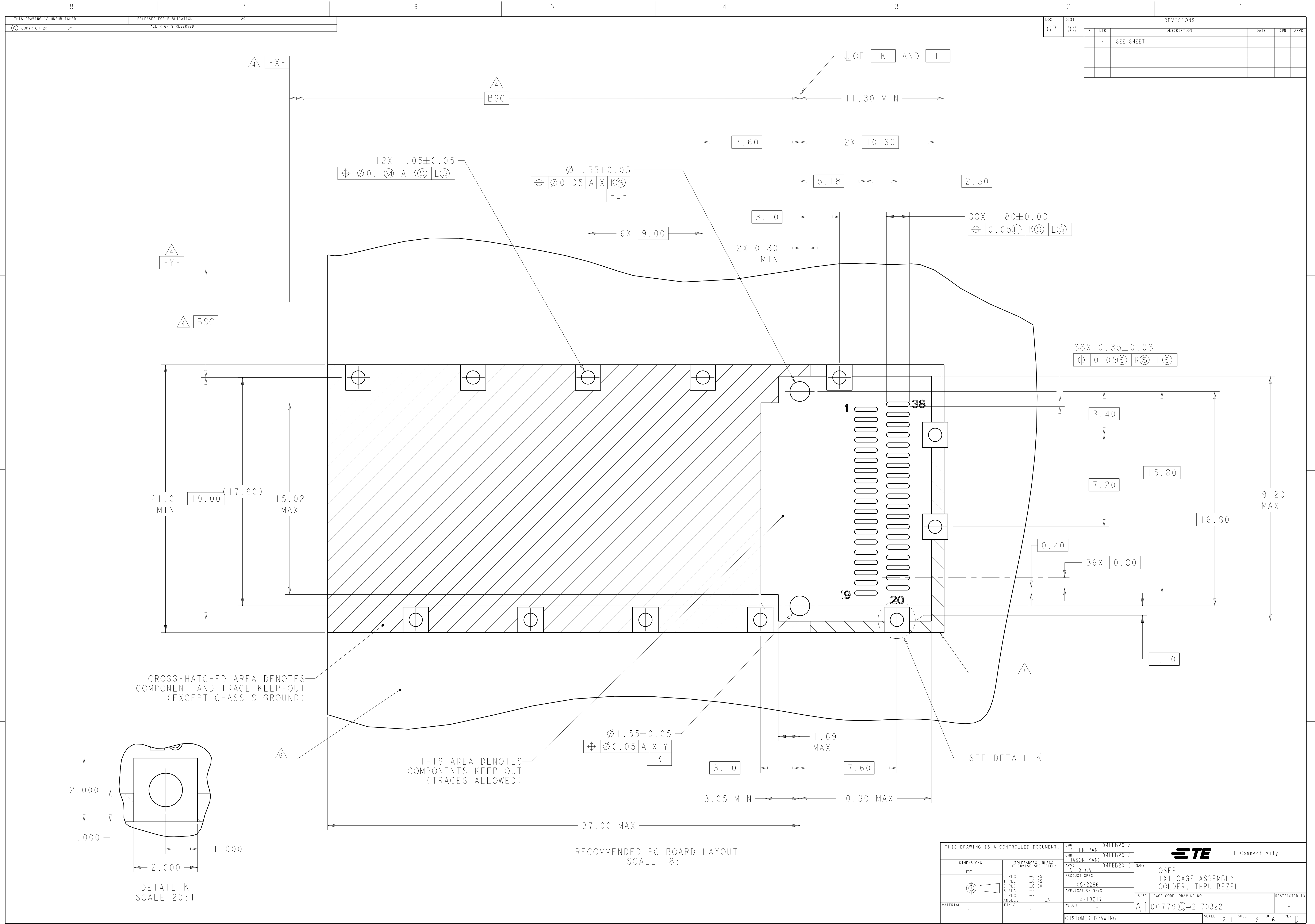
△	TIN DIPPING ON TAIL	C77000 NICKEL SILVER ALLOY	2170322-5
	TIN PLATING OVER ALL	C70260 Cu Ni Si	2170322-4
	TAIL TREATMENT	CAGE MATERIAL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 04FEB2013	TE Connectivity	
		CHK: JASON YANG 04FEB2013		
DIMENSIONS:		APVD: ALEX CAI 04FEB2013	NAME	
mm		PRODUCT SPEC	QSPC IXI CAGE ASSEMBLY SOLDER, THRU BEZEL	
		108-2286		
		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
		114-13217	A100779C=2170322	
MATERIAL		WEIGHT	RESTRICTED TO	
-		-	-	
		CUSTOMER DRAWING	SCALE 2:1 SHEET 4 OF 6 REV D	

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 04FEB2013	TE Connectivity	
		CHK: JASON YANG 04FEB2013		
		APVD: ALEX CAI 04FEB2013		
		NAME: OSFP IXI CAGE ASSEMBLY SOLDER, THRU BEZEL		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO:
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±4° FINISH		A100779C=2170322
MATERIAL: -		WEIGHT: -		SCALE: 2:1 SHEET 5 OF 6 REV D
		CUSTOMER DRAWING		



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