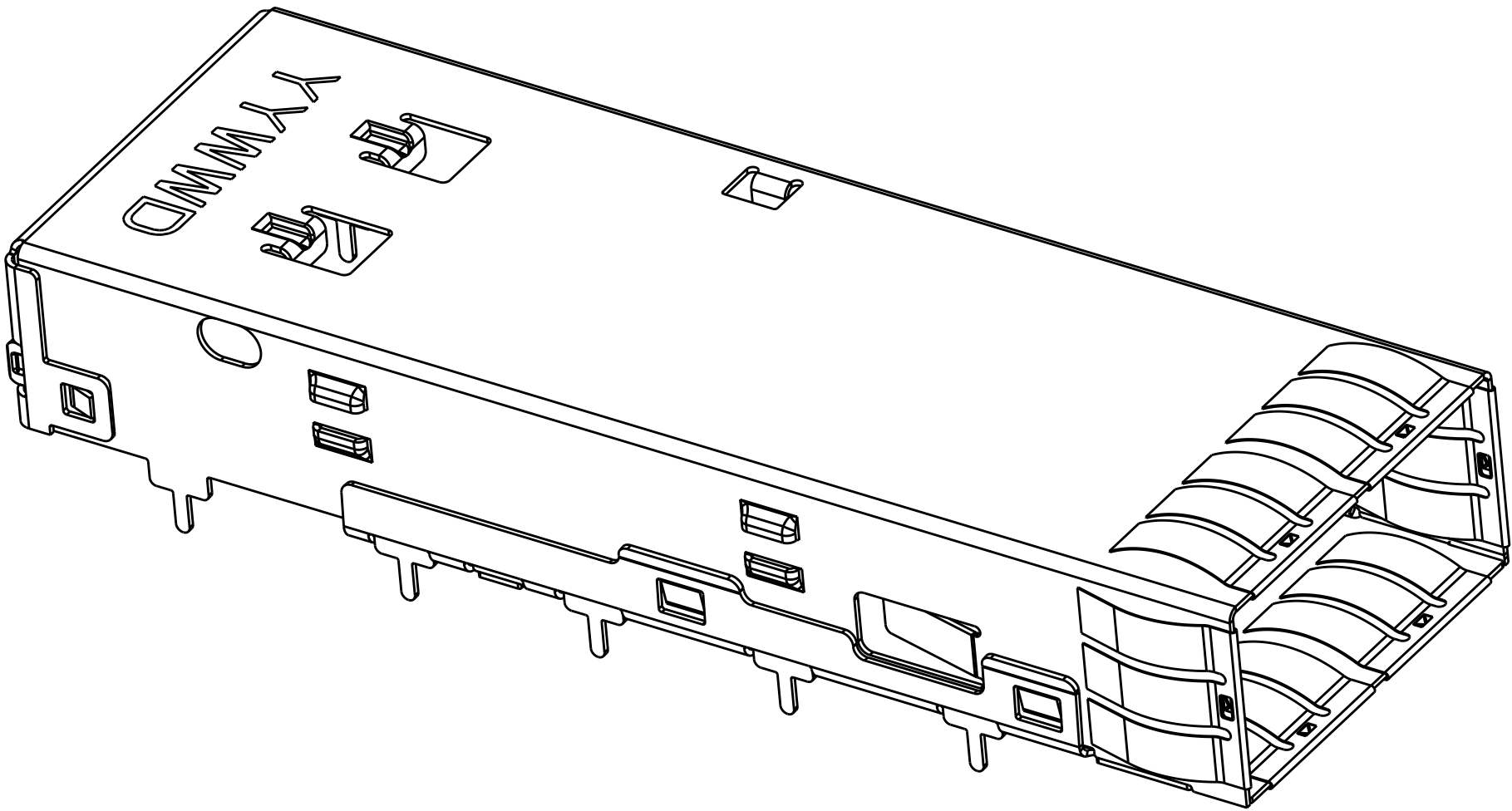


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASE PER ECR-15-011430	25AUG2015	RG	SH	
			B	REVISED PER ECO-17-009893	7JUL2017	RG	SH	
			C	REVISED PER ECO-17-010599	20JUL2017	RG	SH	
			D	REVISED PER ECO-18-005129	04APR2018	TX	SH	



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

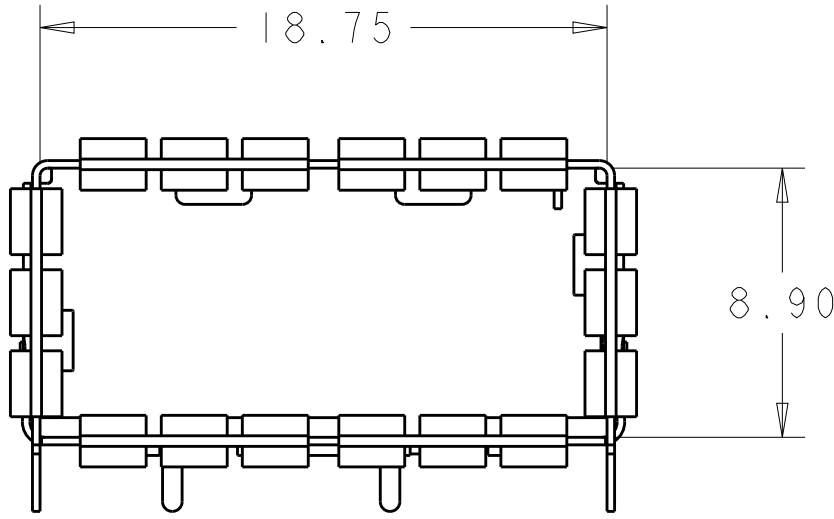
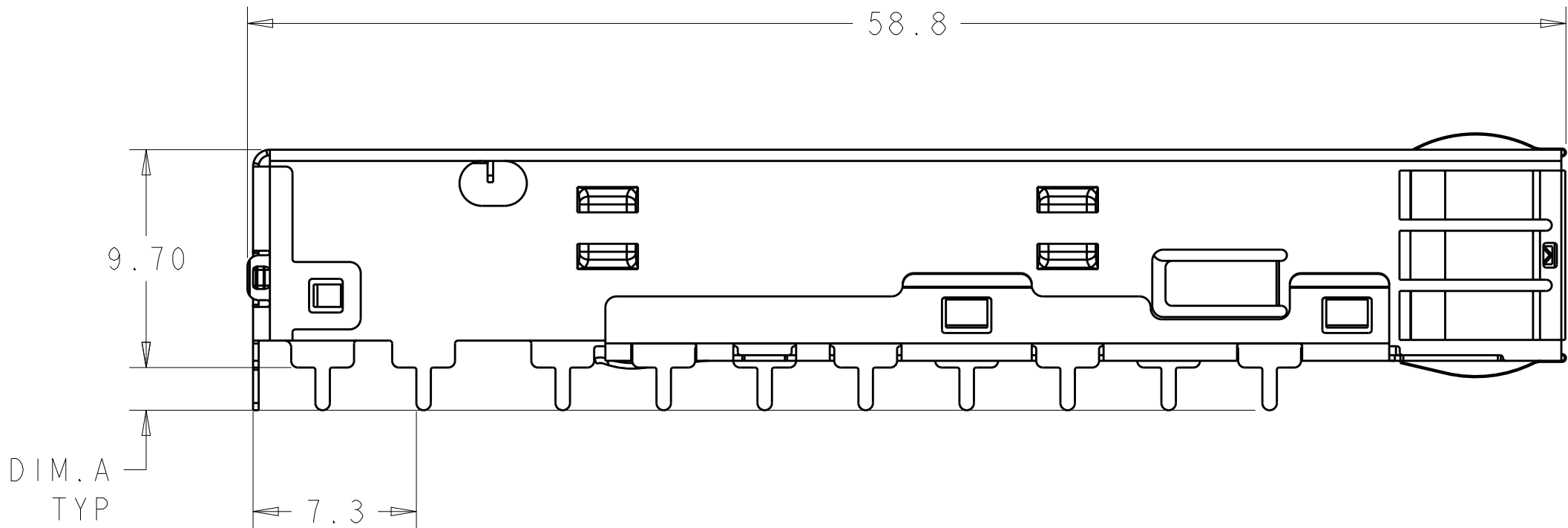
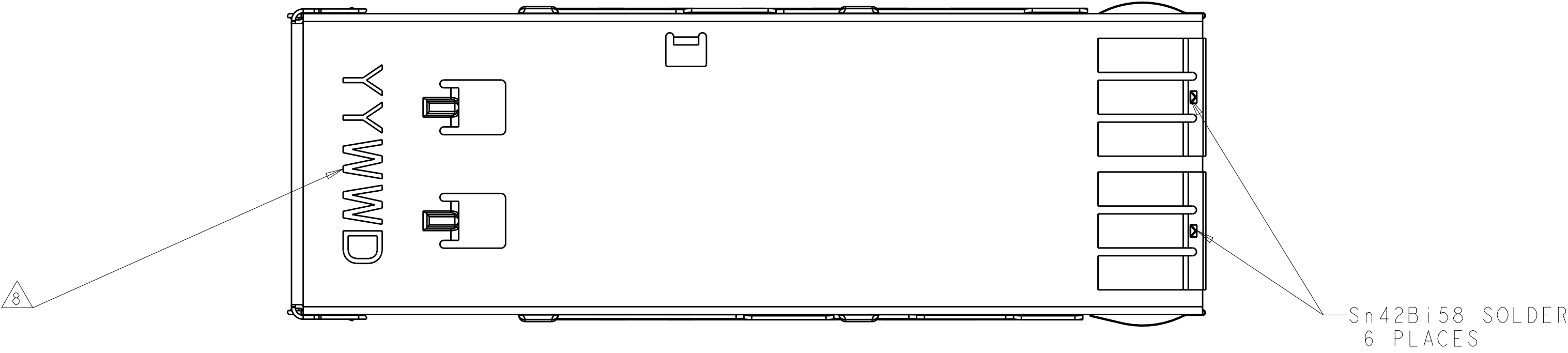
6 DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

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.

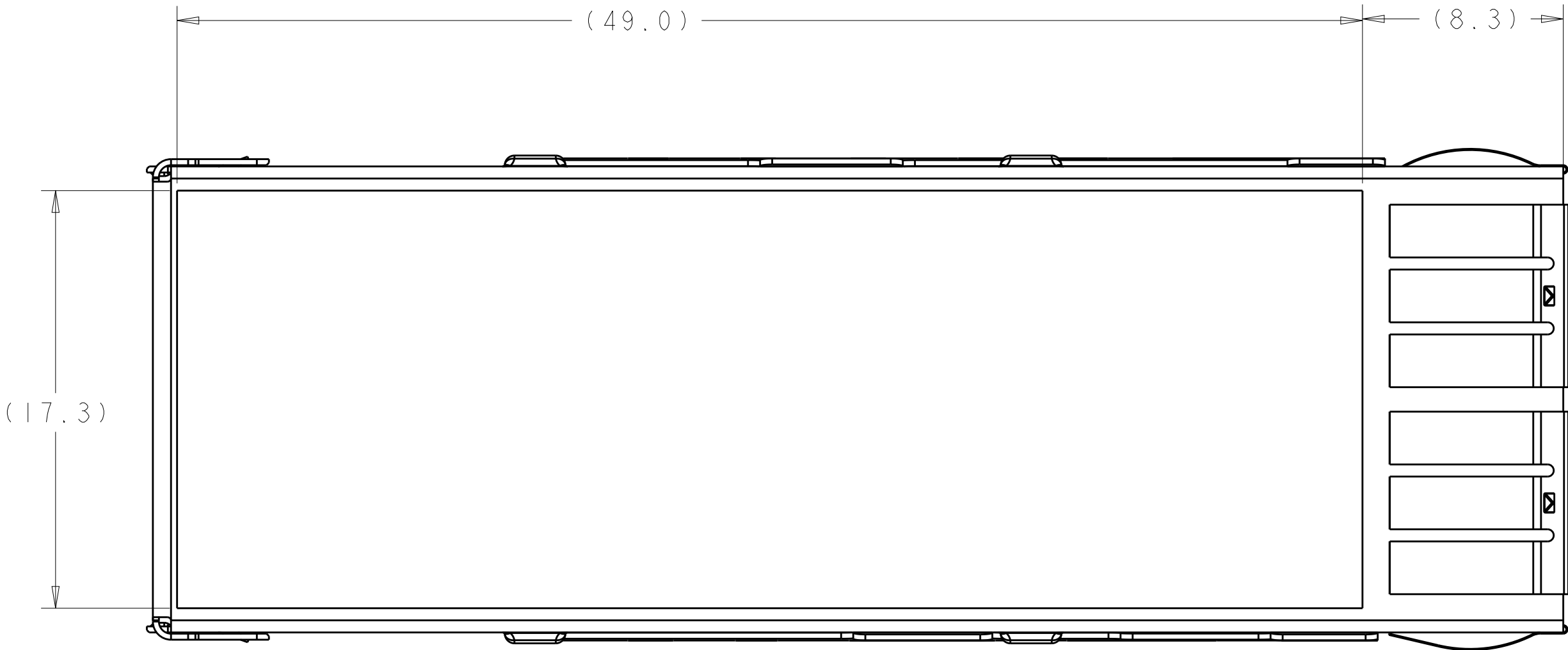


TIN PLATING OVER ALL	2.60	C70260 Cu Ni Si	2170322-6
TIN DIPPING ON TAIL	1.90	C77000 NICKEL SILVER ALLOY	2170322-3
TIN PLATING OVER ALL	1.90	C70260 Cu Ni Si	2170322-1
TREATMENT	DIM. A	CAGE MATERIAL	PART NUMBER

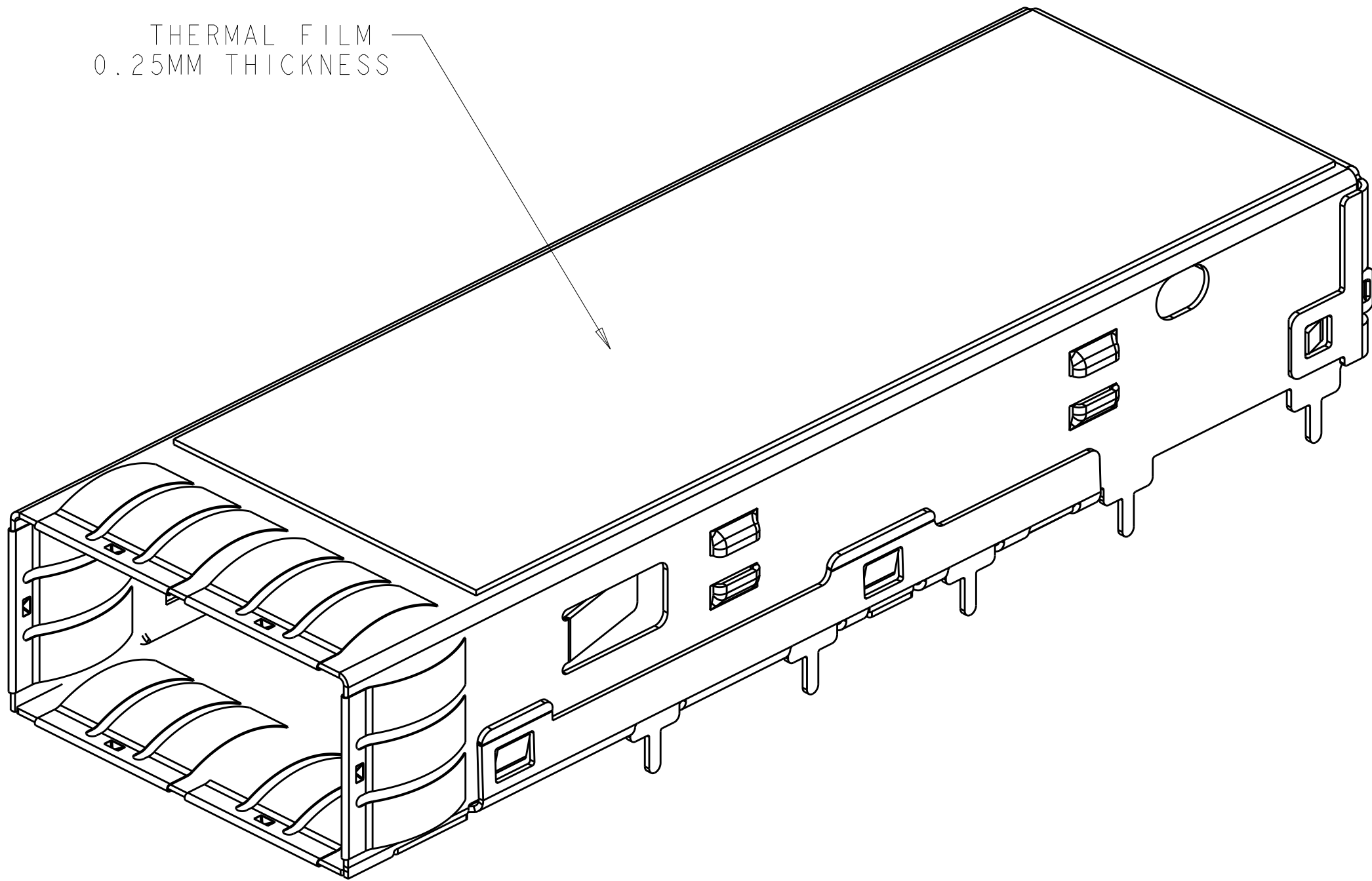


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 04FEB2013	TE Connectivity	
DIMENSIONS:		CHK: JASON YANG 04FEB2013		
mm		APVD: ALEY CAI 04FEB2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
0 PLC ±0.25		108-2286	NAME: QSPF IXI CAGE ASSEMBLY SOLDER, THRU BEZEL	
1 PLC ±0.25		APPLICATION SPEC		
2 PLC ±0.20		114-13217	SIZE: CAGE CODE: DRAWING NO:	
3 PLC ±		WEIGHT: -	A100779C=2170322	
4 PLC ±		CUSTOMER DRAWING	RESTRICTED TO: -	
ANGLES ±°		SCALE: 2:1	SHEET 1 OF 6	
FINISH		REV: D		

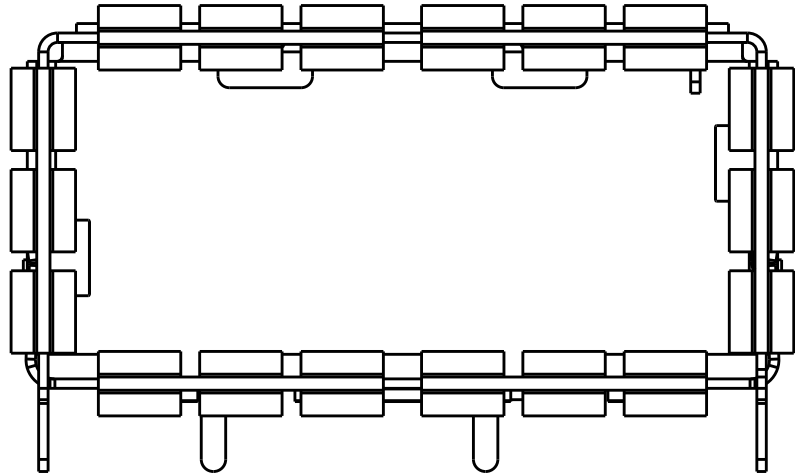
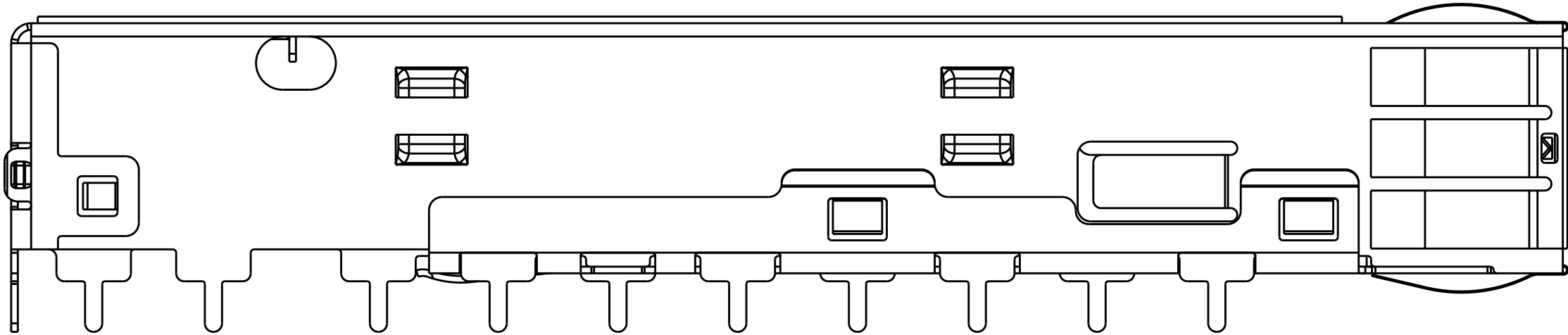
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



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

CAGE MATERIAL

I-2170322-0

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.25

1 PLC ±0.25

2 PLC ±0.20

3 PLC ±

4 PLC ±

ANGLES ±°

FINISH

MATERIAL

-

DWN: PETER PAN 04FEB2013

CHK: JASON YANG 04FEB2013

APVD: ALEX CAI 04FEB2013

NAME

OSFP

IXI CAGE ASSEMBLY

SOLDER, THRU BEZEL

PRODUCT SPEC

108-2286

APPLICATION SPEC

114-13217

WEIGHT

-

CUSTOMER DRAWING

SCALE 2:1

SHEET 2 OF 6

REV D

TE

TE Connectivity

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

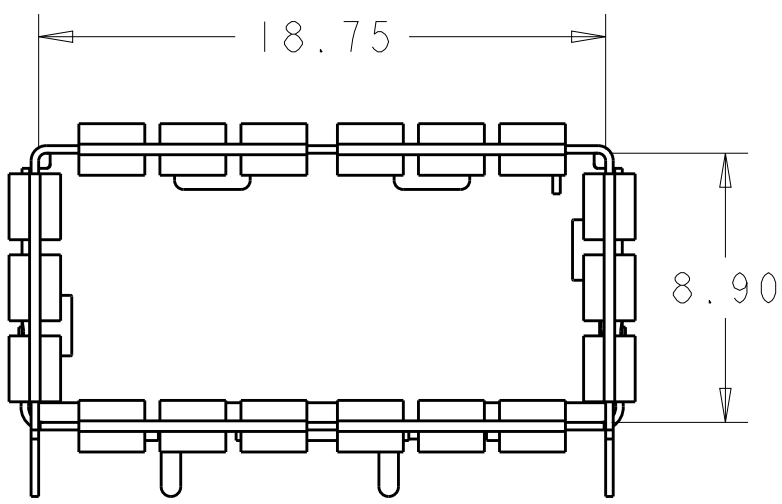
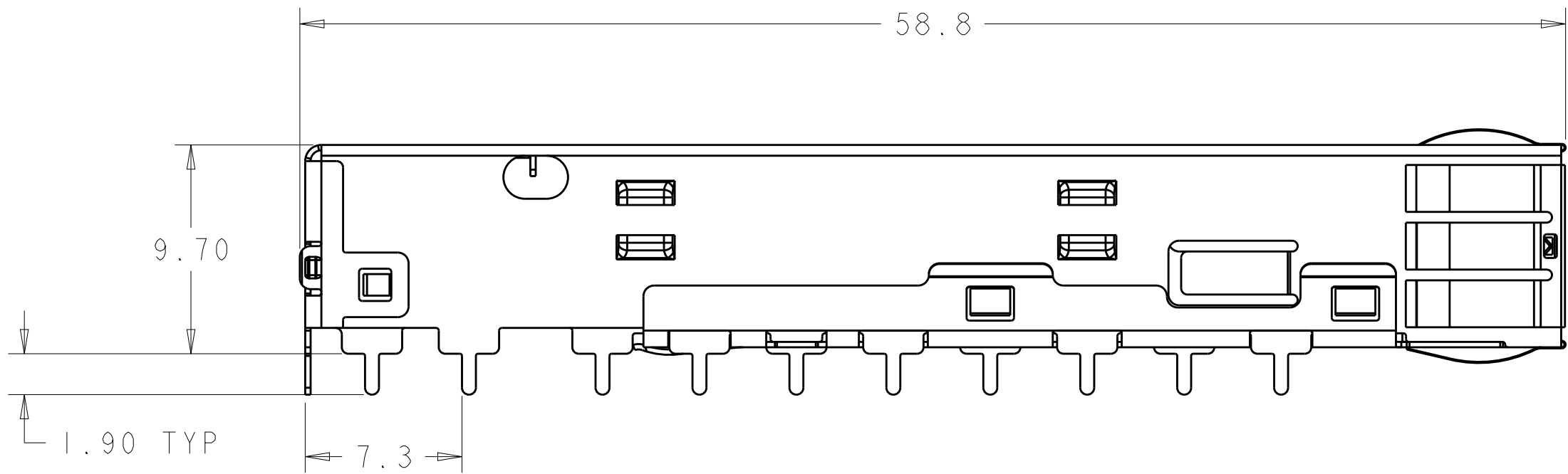
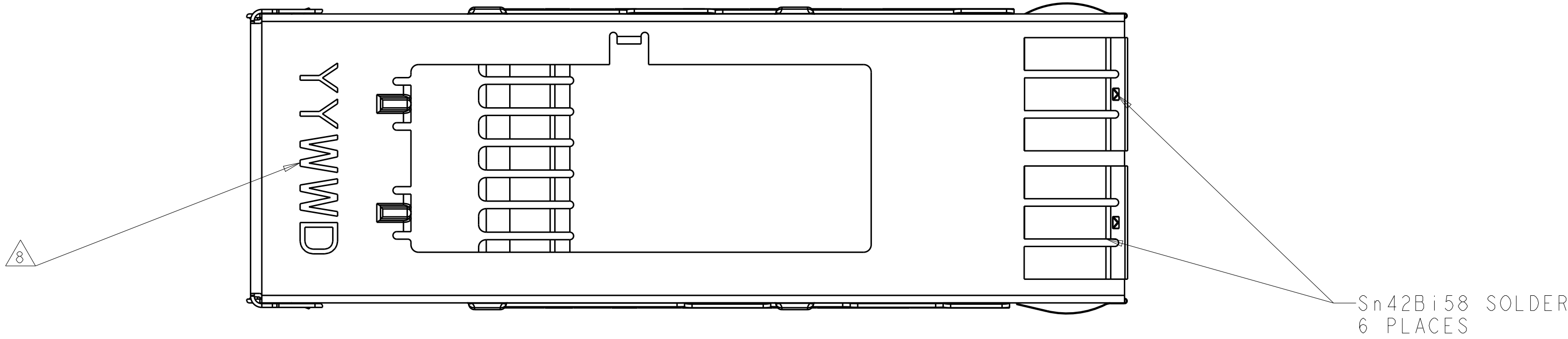
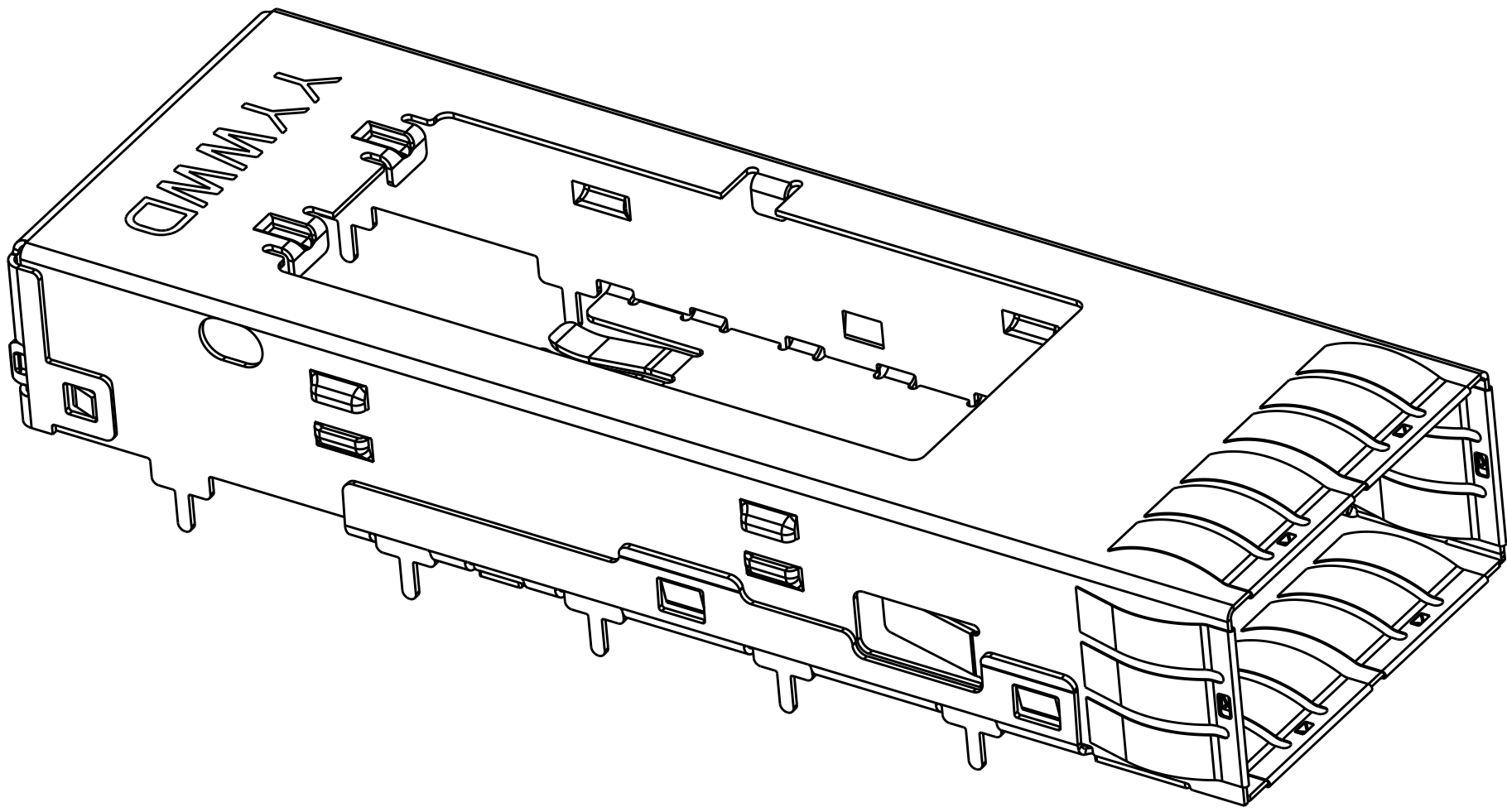
A100779

C=2170322

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4805 (3/11)

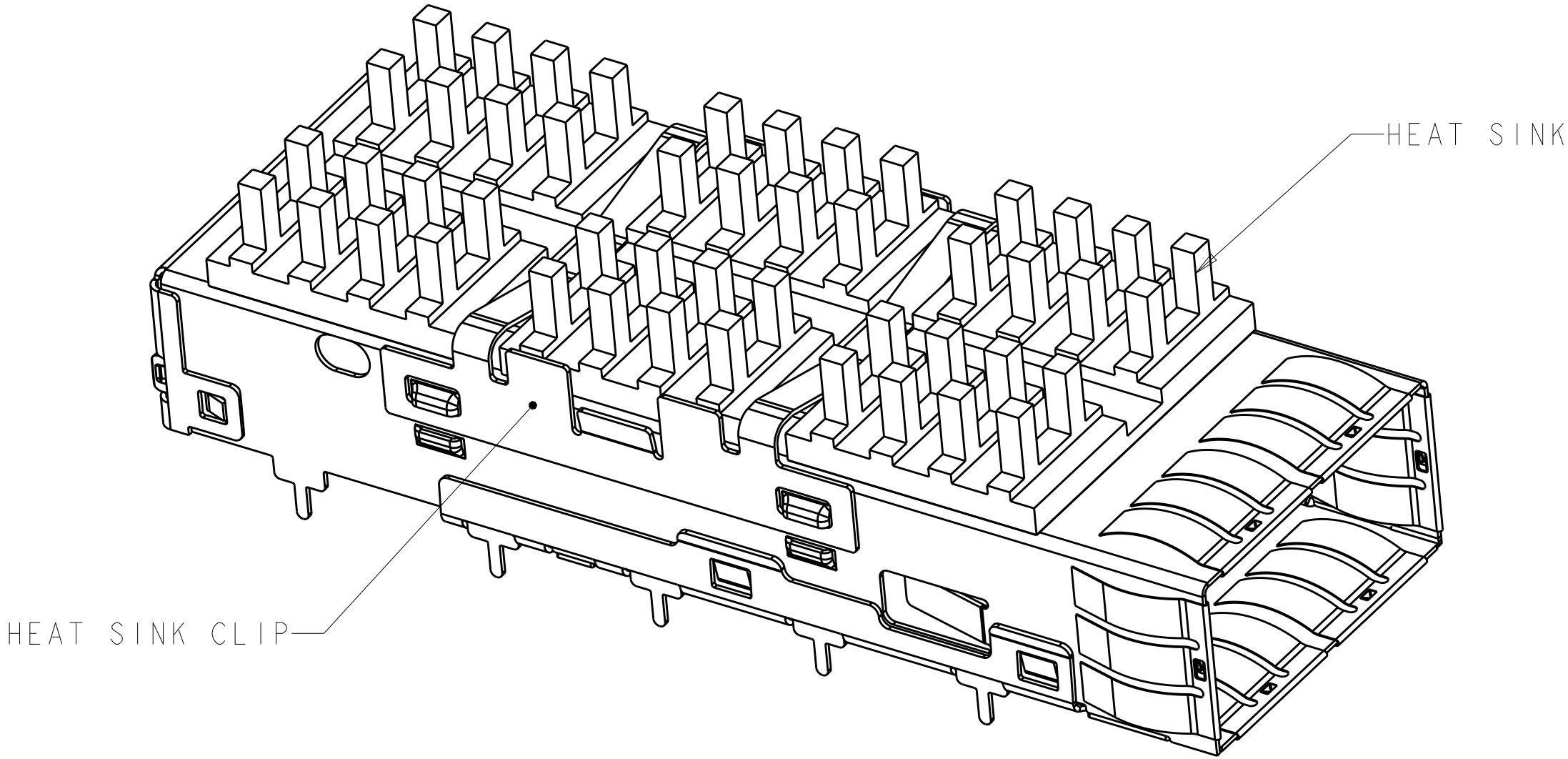
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



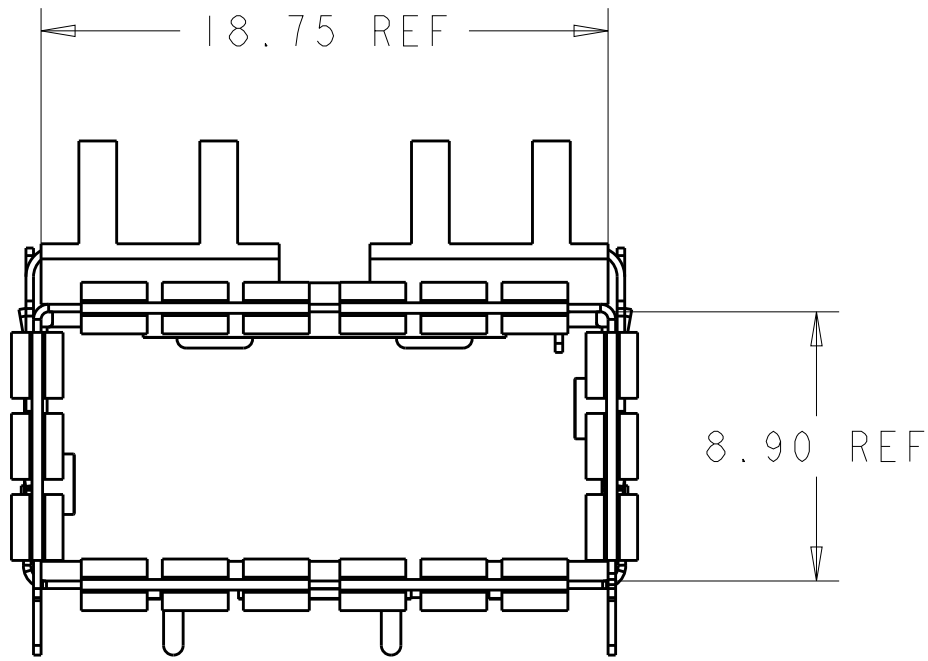
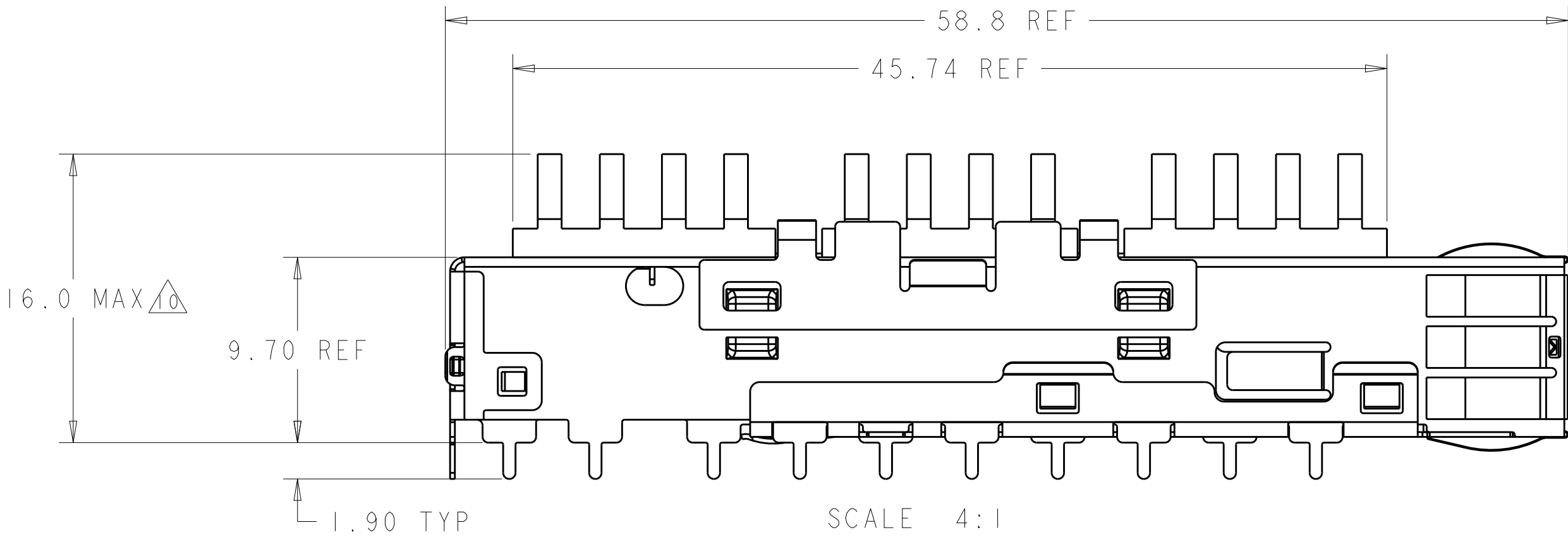
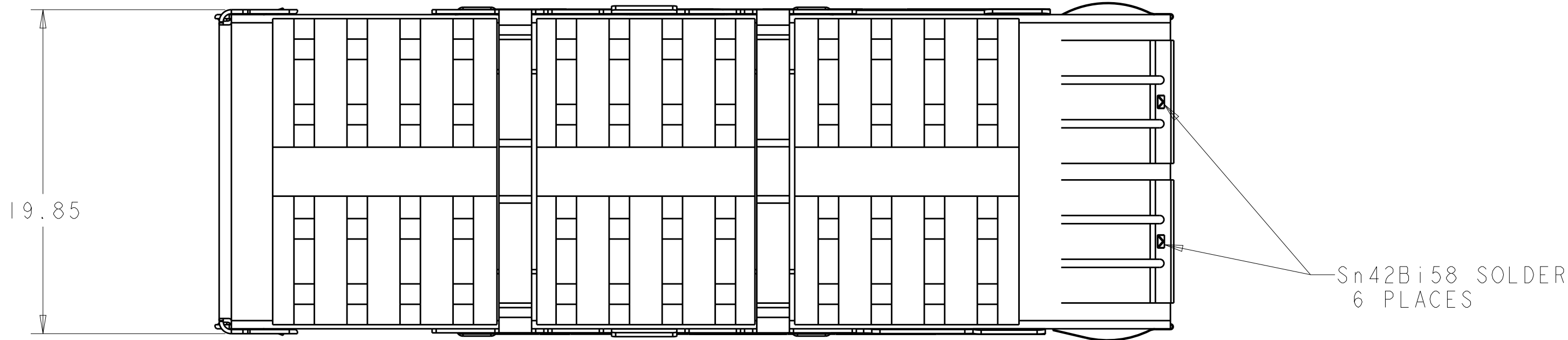
	TIN PLATING OVER ALL TREATMENT	C70260 Cu Ni Si CAGE MATERIAL	2170322-2 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 04FEB2013		
DIMENSIONS:		CHK: JASON YANG 04FEB2013		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: ALEY CAI 04FEB2013	NAME: QSPF	
		PRODUCT SPEC	IXI CAGE ASSEMBLY	
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±5° FINISH	108-2286	SOLDER, THRU BEZEL	
		APPLICATION SPEC	RESTRICTED TO	
MATERIAL	-	114-13217	SIZE CAGE CODE DRAWING NO	
	-	WEIGHT	A100779C=2170322	
	-	CUSTOMER DRAWING	SCALE 2:1 SHEET 3 OF 6 REV D	

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



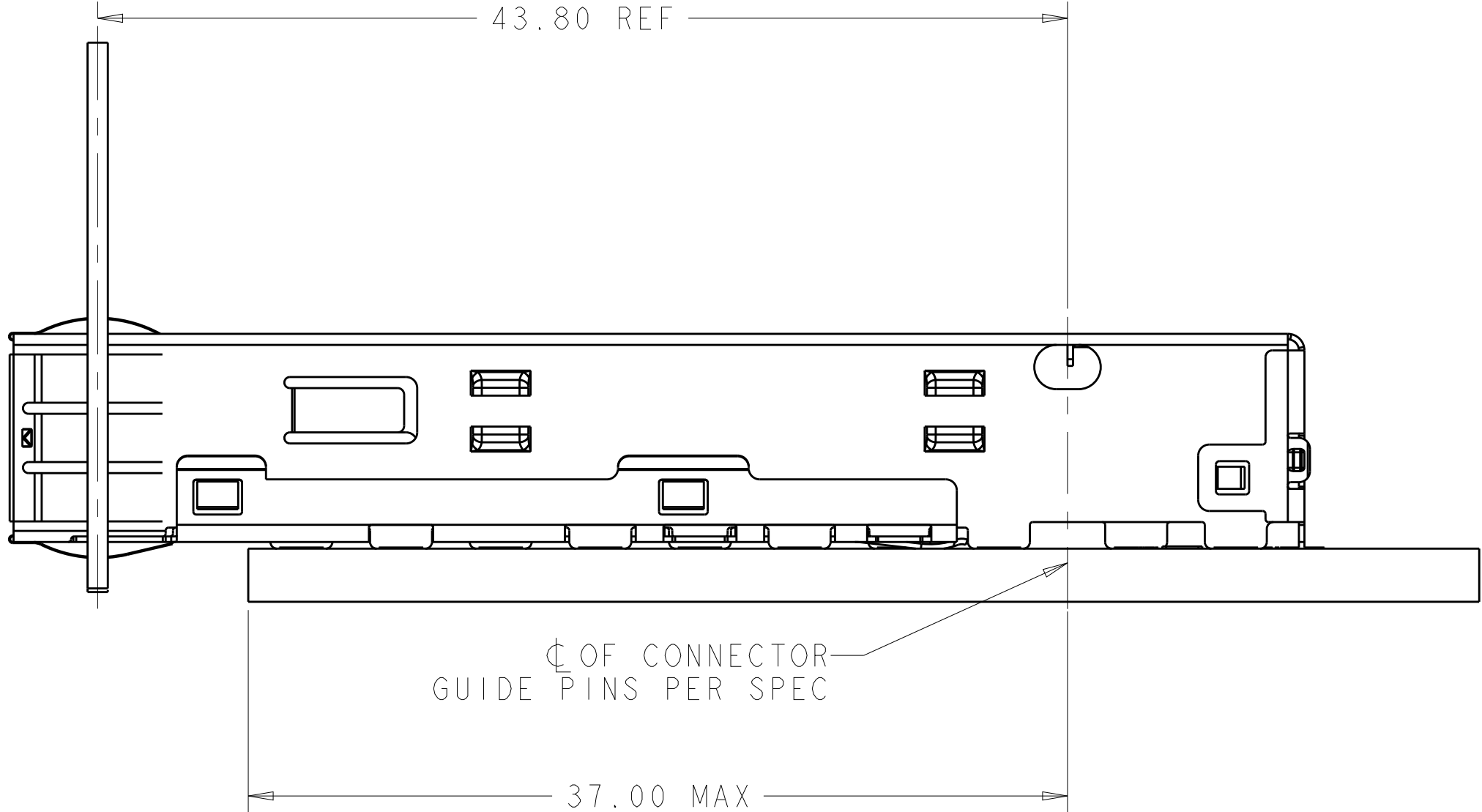
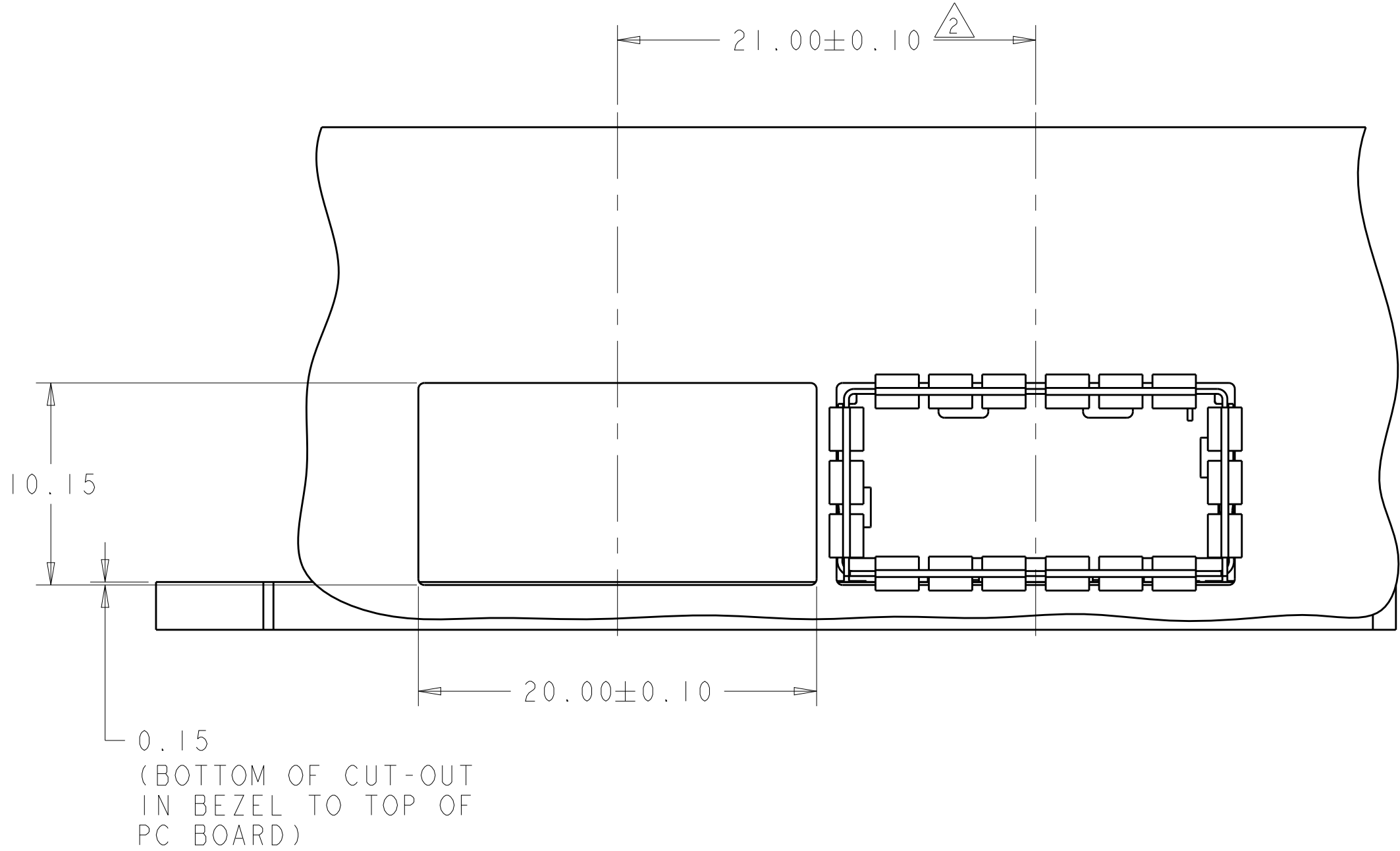
SCALE 4:1



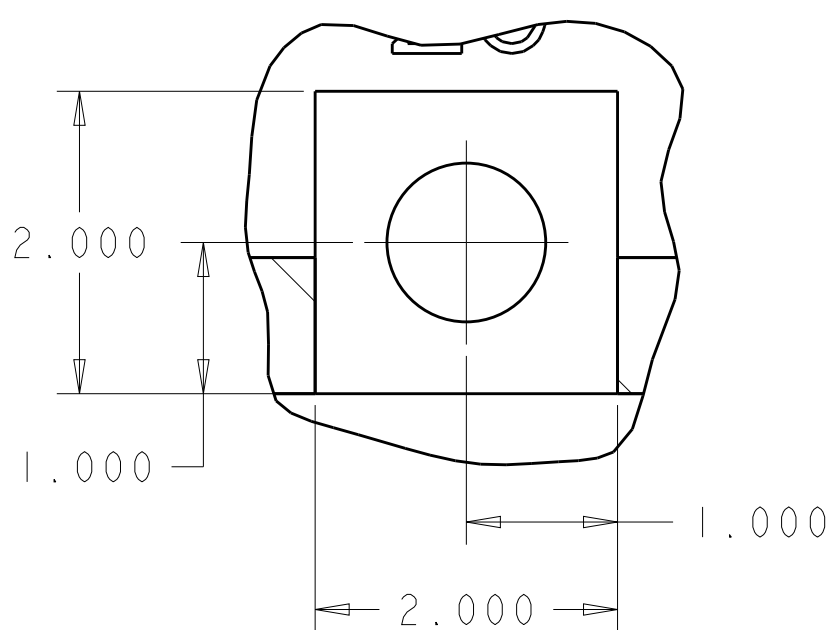
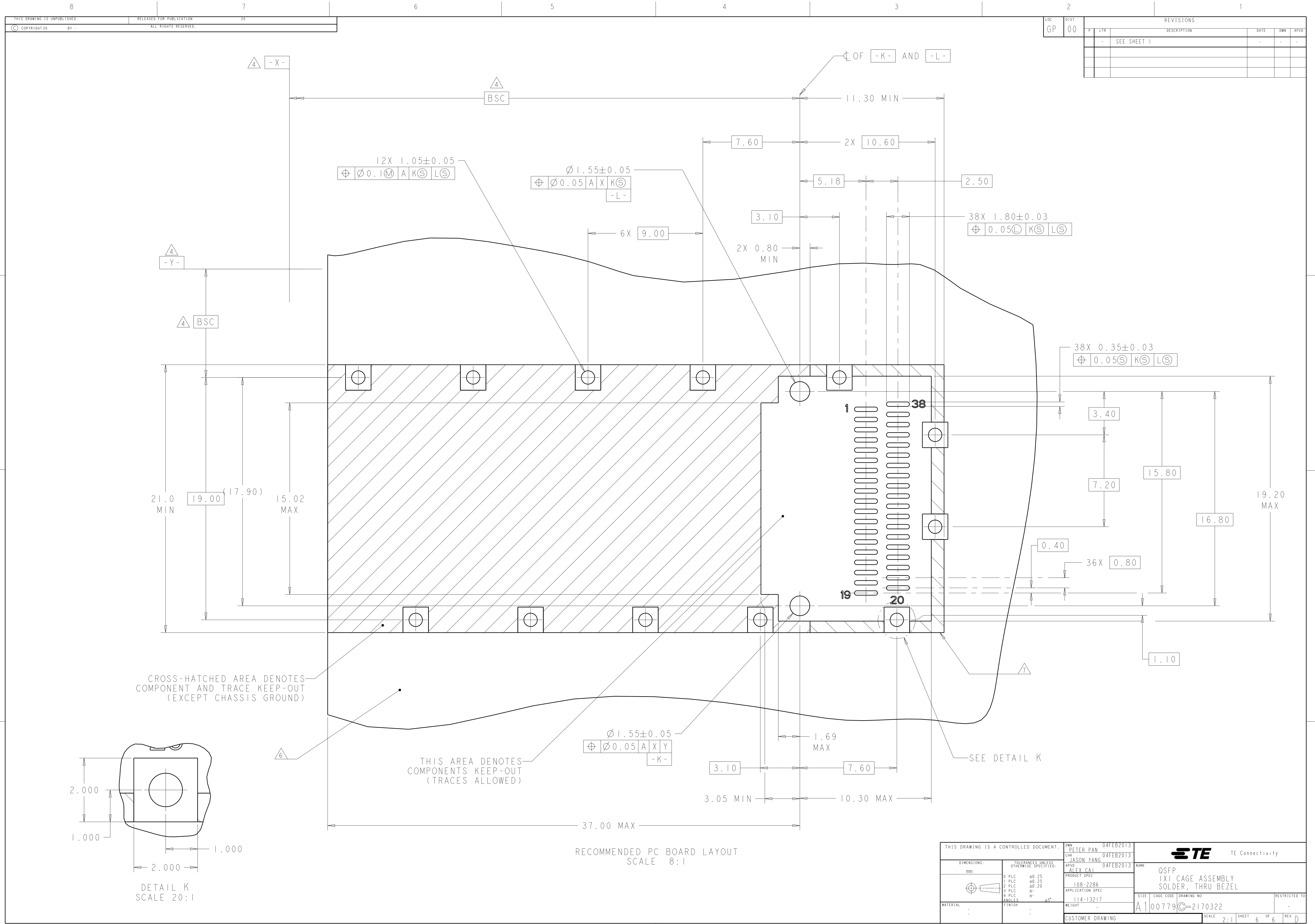
△	TIN DIPPING ON TAIL	C77000 NICKEL SILVER ALLOY	2170322-5
	TIN PLATING OVER ALL	C70260 Cu Ni Si	2170322-4
	TAIL TREATMENT	CAGE MATERIAL	PART NUMBER

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: QSPF IXI CAGE ASSEMBLY SOLDER, THRU BEZEL		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE: A1
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±4° FINISH		CAGE CODE: 108-2286 DRAWING NO: 114-13217
MATERIAL: -		WEIGHT: -		RESTRICTED TO: -
		CUSTOMER DRAWING		SCALE: 2:1 SHEET 5 OF 6 REV D



RECOMMENDED PC BOARD LAYOUT
SCALE 8:1

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 108-2286	OSPF IXI CAGE ASSEMBLY SOLDER, THRU BEZEL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-13217	SIZE A1	
		WEIGHT -	CAGE CODE 00779	DRAWING NO C=2170322
MATERIAL -		FINISH -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 2:1	SHEET 6 OF 6
			REV D	