

LOC	DIST	REVISONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	A1		REVISED PER ECR-18-017552	07NOV2018	IT	SH
		A2		ADD NEW DASH NUMBER 1-2291634-1	31MAY2021	SZ	SZ
		A3		RELEASE PER ECN-21-107864	18JUN2021	SZ	SZ
		A4		ADD NEW DASH NUMBER 1-2	19JUL2021	SZ	SZ

1 MATERIAL:
CAGE - 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK - ALUMINUM
HEATSINK CLIP - STAINLESS STEEL
EMI SPRING(S) - COPPER ALLOY

2 FINISH:
HEATSINK - ELECTROLESS NICKEL
HEATSINK CLIP - PASSIVATE
EMI SPRING(S) - 0.8um MIN MATTE TIN OVER 0.8um MIN NICKEL,
NON-PLATED EDGES PERMISSIBLE.

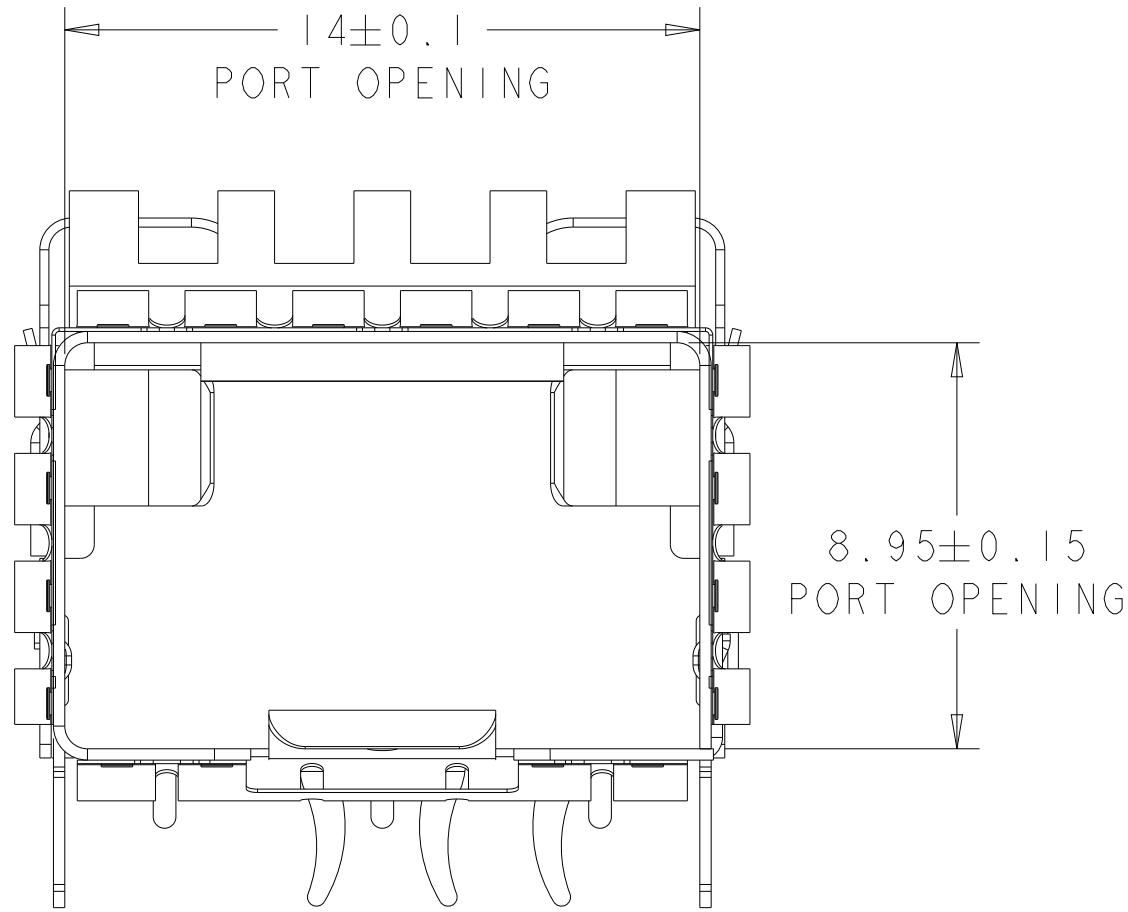
3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

4 PADS AND VIAS CHASSIS GROUND.

5 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

6. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm
DOUBLE SIDED = 3.00mm

7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

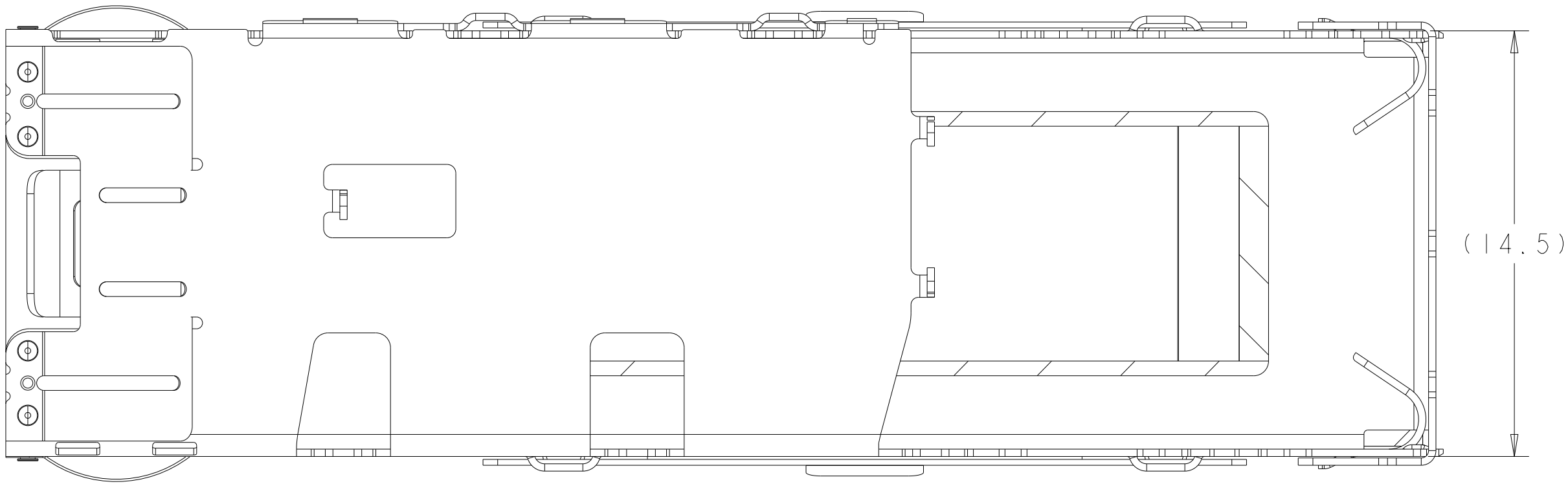
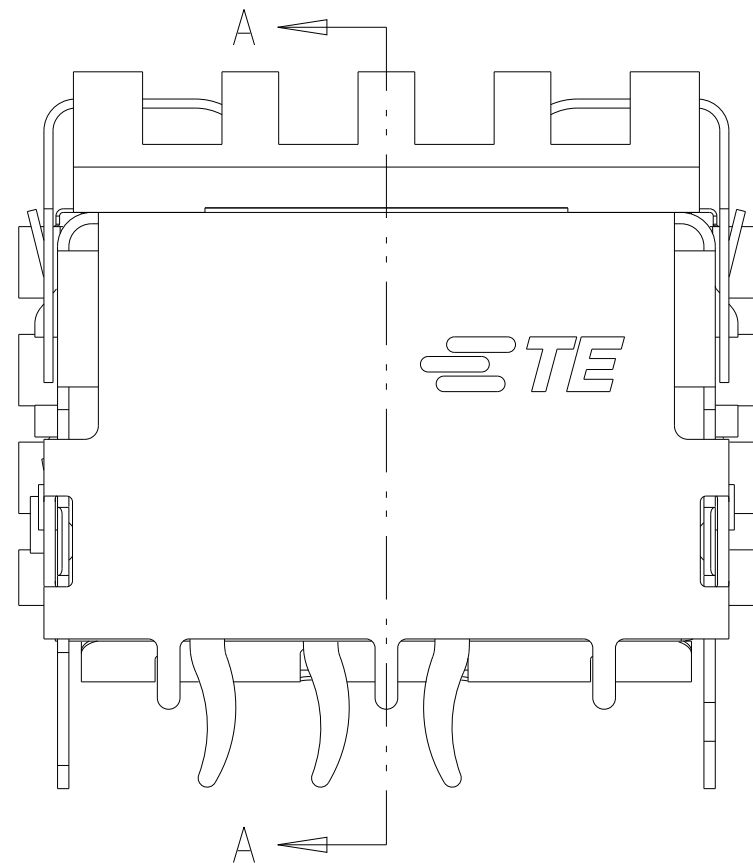
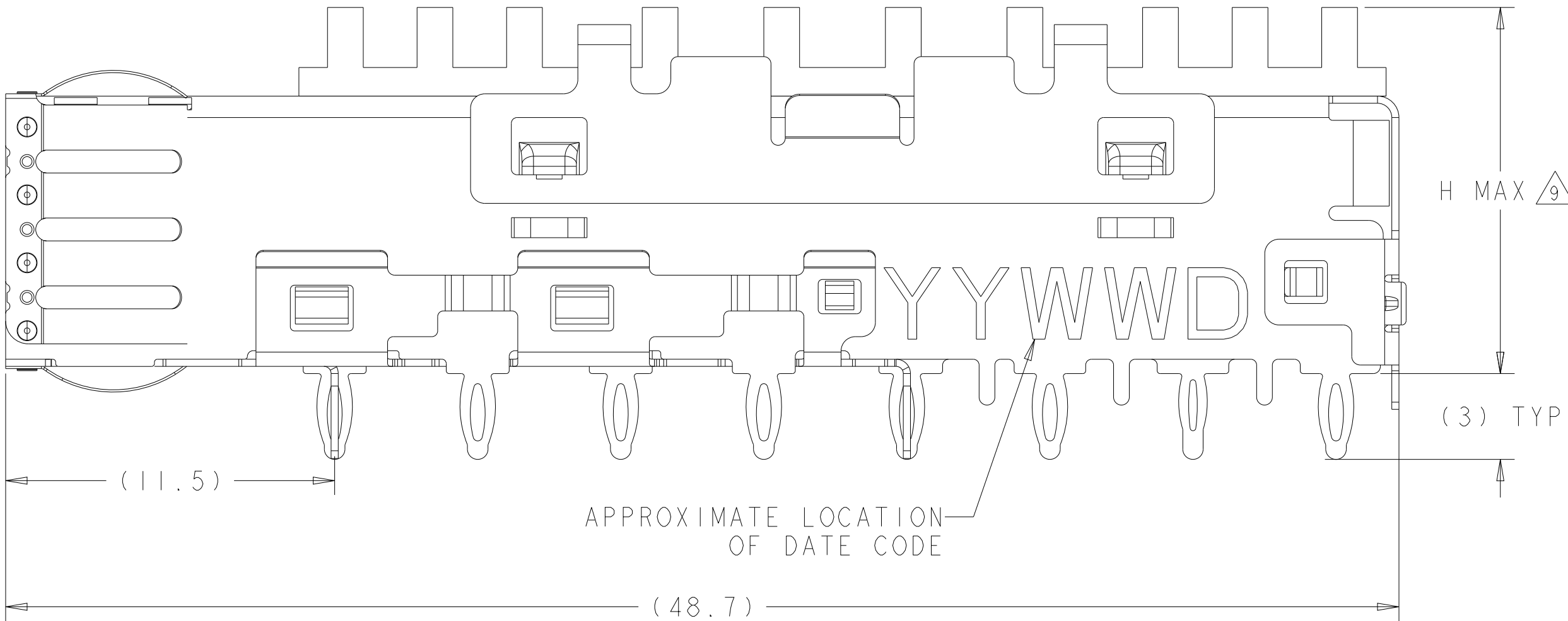
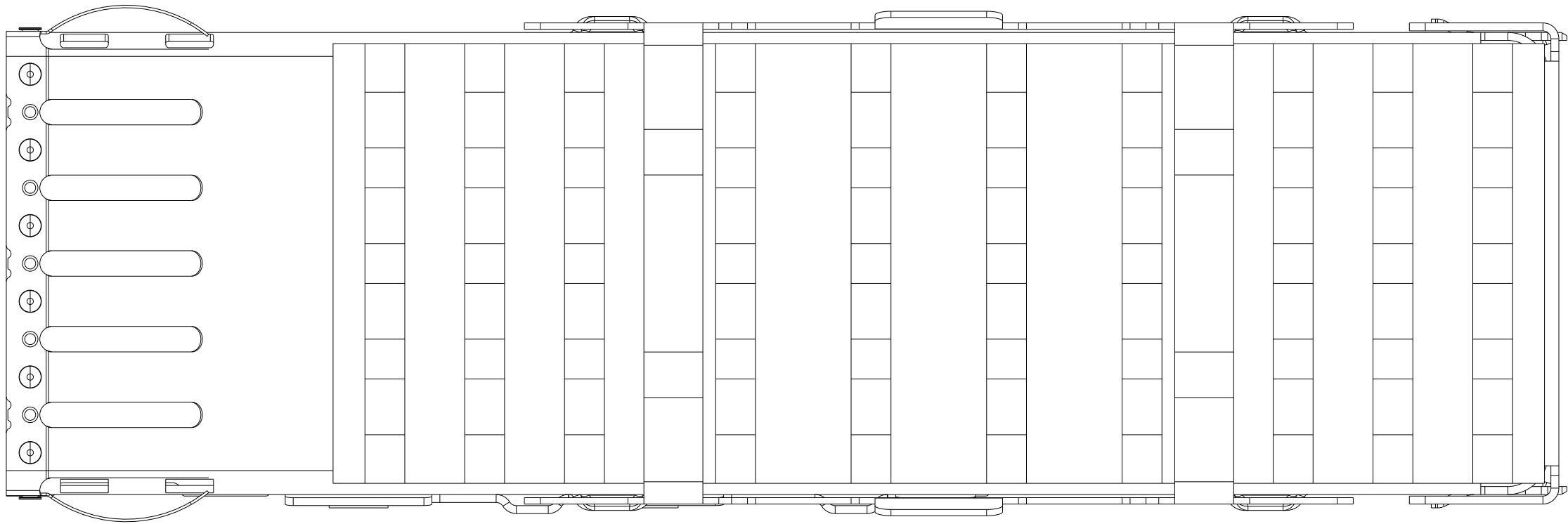
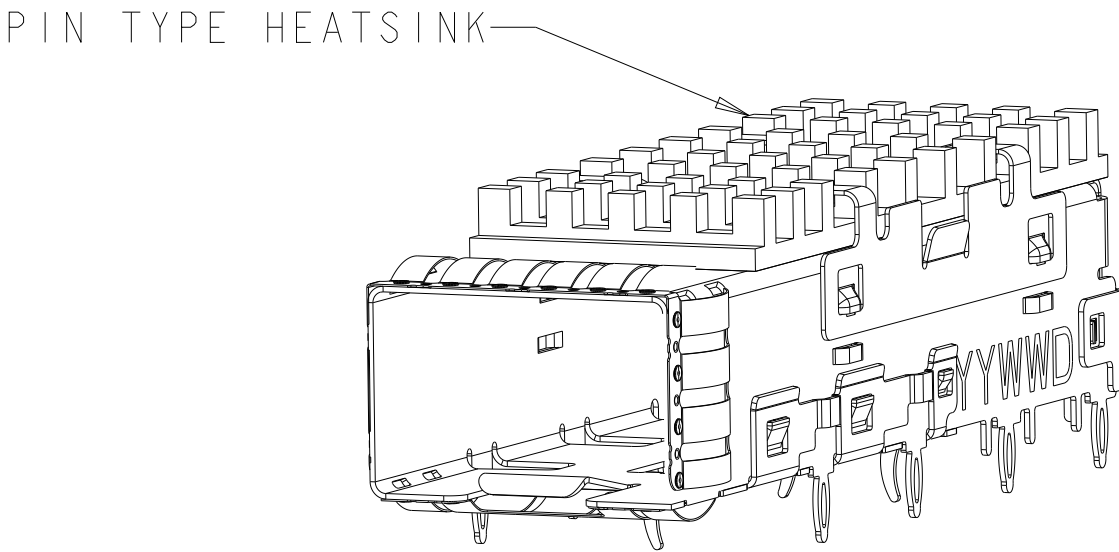
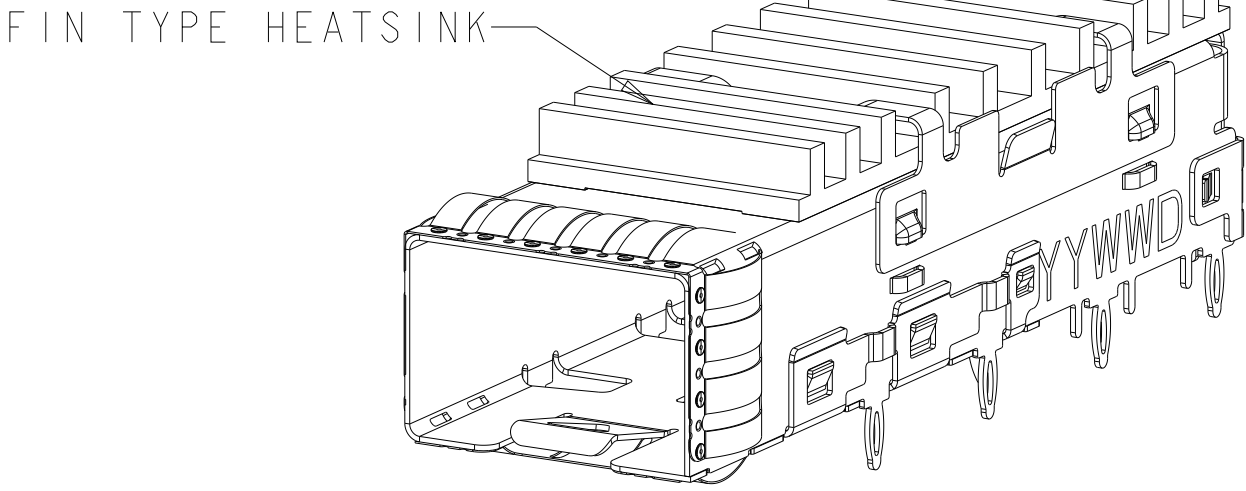


8 REFERENCE APPLICATION SPEC. 114-13120, HOLE C, FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

9 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

10. CAGE ASSEMBLY, HEATSINK CLIP AND HEATSINK SHIPPED
ASSEMBLED.

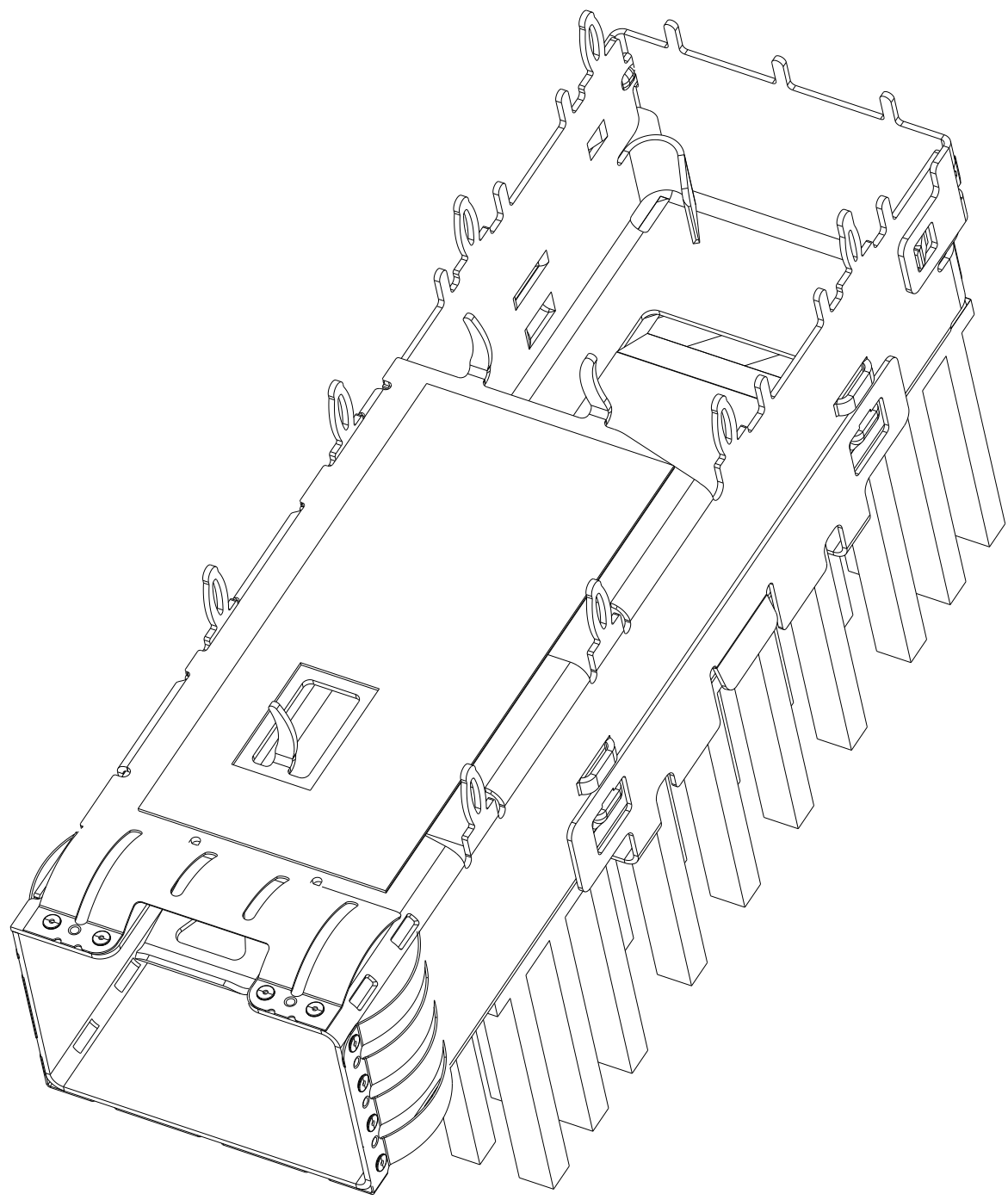
11 FINISH:
HEATSINK - BLACK ANODIZED
HEATSINK CLIP - PASSIVATE
EMI SPRING(S) - 0.8um MIN MATTE TIN OVER 0.8um MIN NICKEL,
NON-PLATED EDGES PERMISSIBLE.



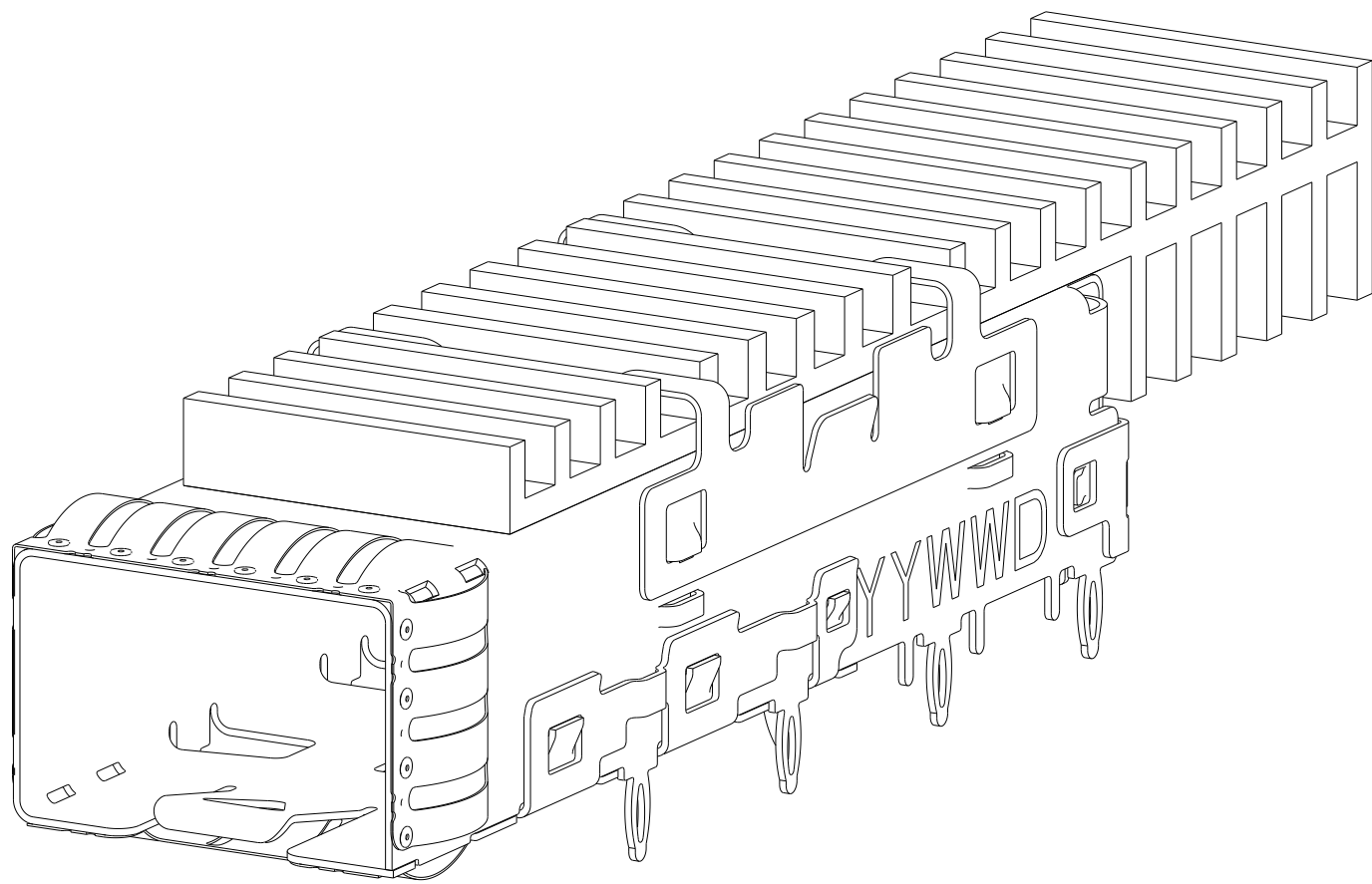
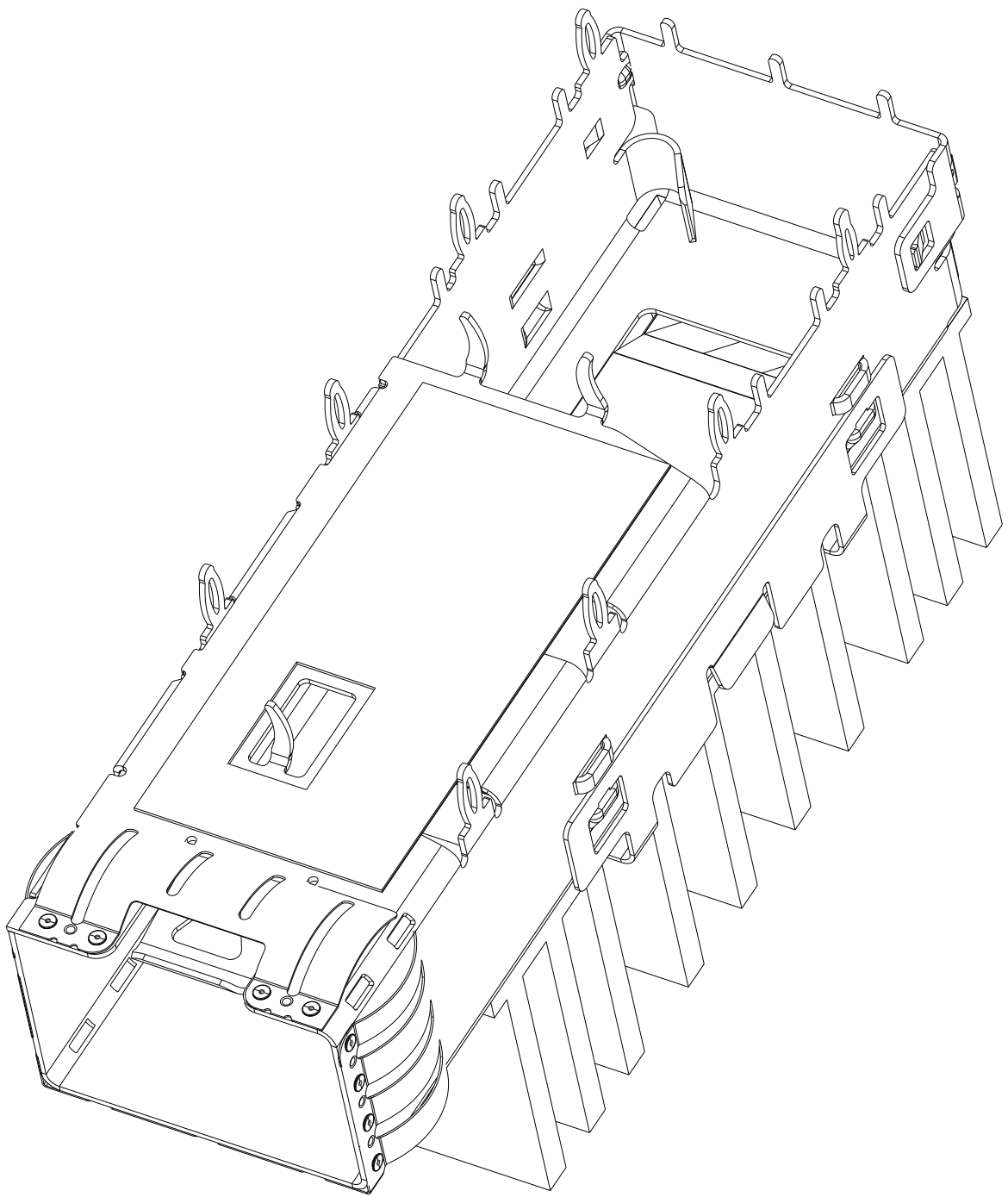
1	WITHOUT	22.8	30°	REF	PIN TYPE	1-2291634-2
1	WITHOUT	13.5	30°	REF	PIN TYPE	1-2291634-1
2	WITHOUT	13.5	30°	REF	FIN TYPE	1-2291634-0
2	WITHOUT	13.5	15°	REF	PIN TYPE	2291634-9
2	WITH	22.8	30°	REF	FIN TYPE	2291634-8
2	WITHOUT	22.8	30°	REF	FIN TYPE	2291634-7
2	WITHOUT	15.8	30°	REF	FIN TYPE	2291634-6
2	WITHOUT	13.5	30°	REF	FIN TYPE	2291634-5
2	WITH	22.8	30°	REF	PIN TYPE	2291634-4
2	WITHOUT	22.8	30°	REF	PIN TYPE	2291634-3
2	WITHOUT	15.8	30°	REF	PIN TYPE	2291634-2
2	WITHOUT	13.5	30°	REF	PIN TYPE	2291634-1
INSULATING TAPE H MAX					DIM A	HEAT SINK TYPE
						PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	PETER PAN		17MAR2015		 TE Connectivity										
				CHK	SEAN HAN		17MAR2015												
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SEAN HAN		17MAR2015		NAME		SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK								
mm				PRODUCT SPEC		108-2364													
		0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±°		APPLICATION SPEC		114-13120		SIZE		CAGE CODE					DRAWING NO		RESTRICTED TO		
MATERIAL		FINISH		WEIGHT		-		A1		00779					C=2291634				
		 		CUSTOMER DRAWING				SCALE		6:1					SHEET		1 OF 5		REV A

LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	



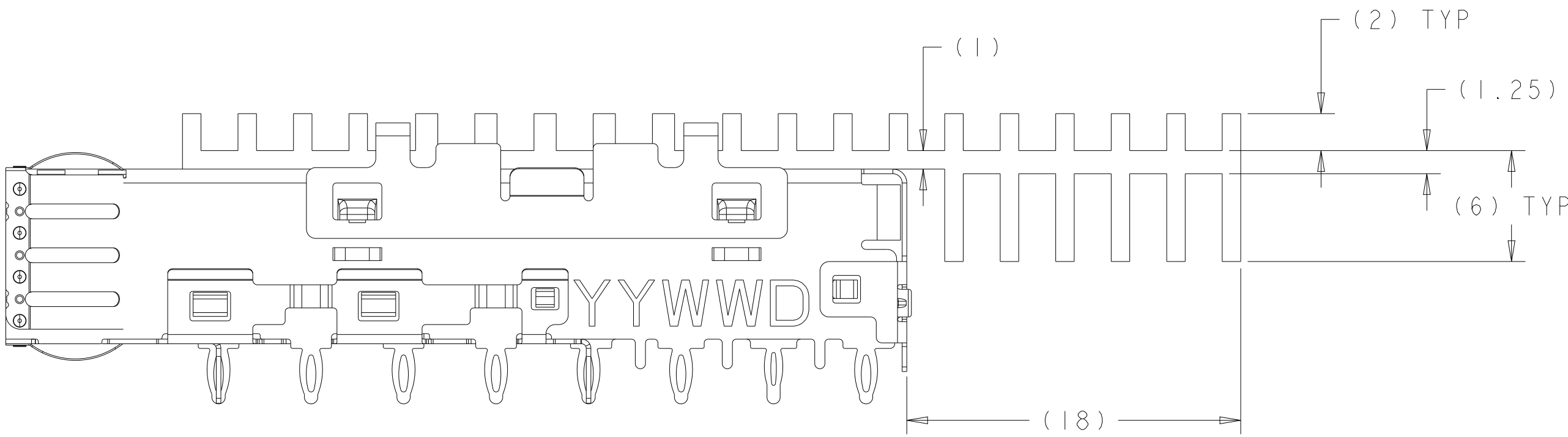
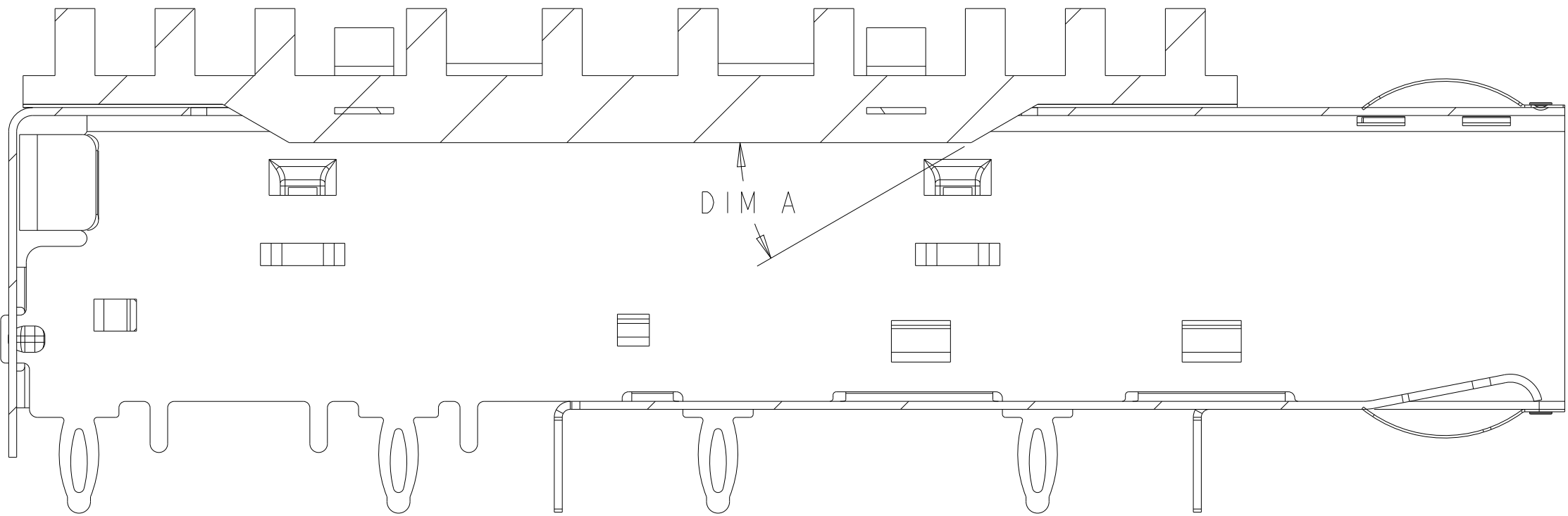
SCALE 4:1



2291634-4 AS SHOWN WITH INSULATING TAPE,PIN TYPE HEAT SINK
2291634-1,2,3,9 WITHOUT INSULATING TAPE,TAPE,PIN TYPE HEAT SINK

2291634-8 AS SHOWN WITH INSULATING TAPE,WITH FIN TYPE HEAT SINK
2291634-5,6,7 WITHOUT INSULATING TAPE,WITH FIN TYPE HEAT SINK

1-2291634-0 AS SHOWN
WITHOUT INSULATING TAPE,WITH EXTEND FIN TYPE HEAT SINK

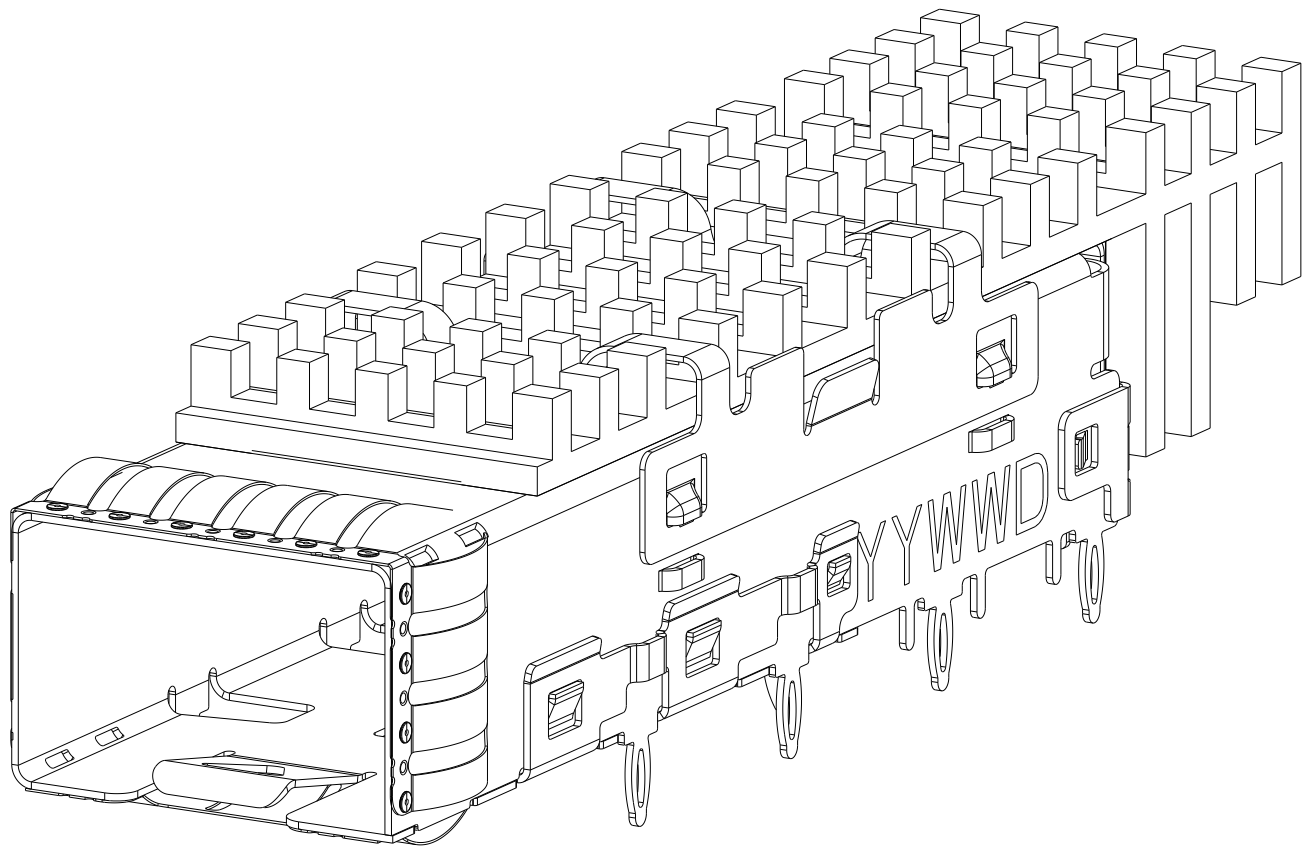


1-2291634-0 AS SHOWN
EXCEPT HEATSINK SAME AS 2291634-1

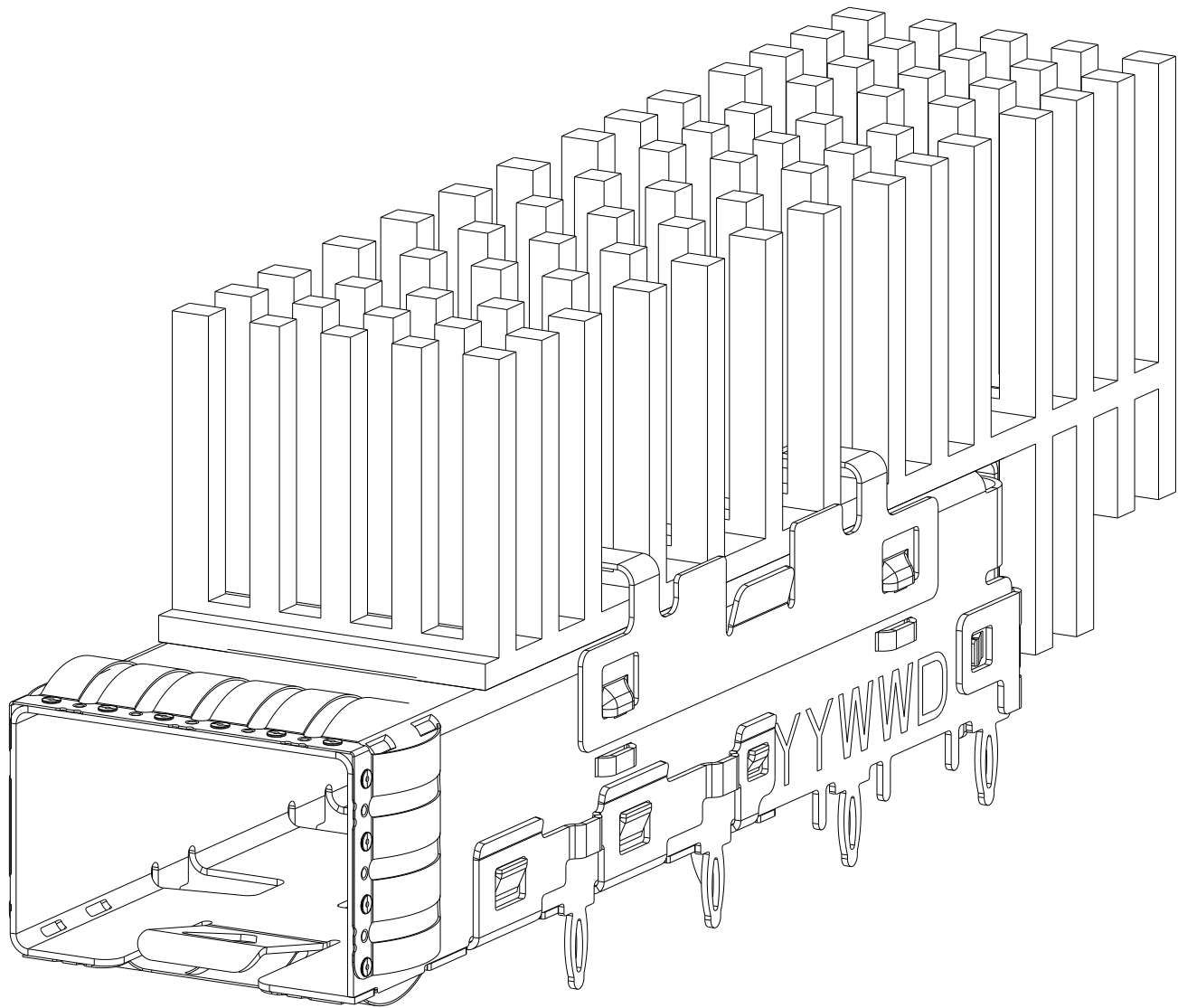
SECTION A-A

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	PETER PAN	17MAR2015	 TE Connectivity						
				CHK	SEAN HAN	17MAR2015							
				APVD	SEAN HAN	17MAR2015							
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK							
mm				PRODUCT SPEC									
		0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05		108-2364 APPLICATION SPEC									
		ANGLES ±0.05		114-13120		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
		FINISH		WEIGHT		A1		00779C		2291634		-	
						CUSTOMER DRAWING		SCALE		2		SHEET 2 OF 5	
												REV A4	

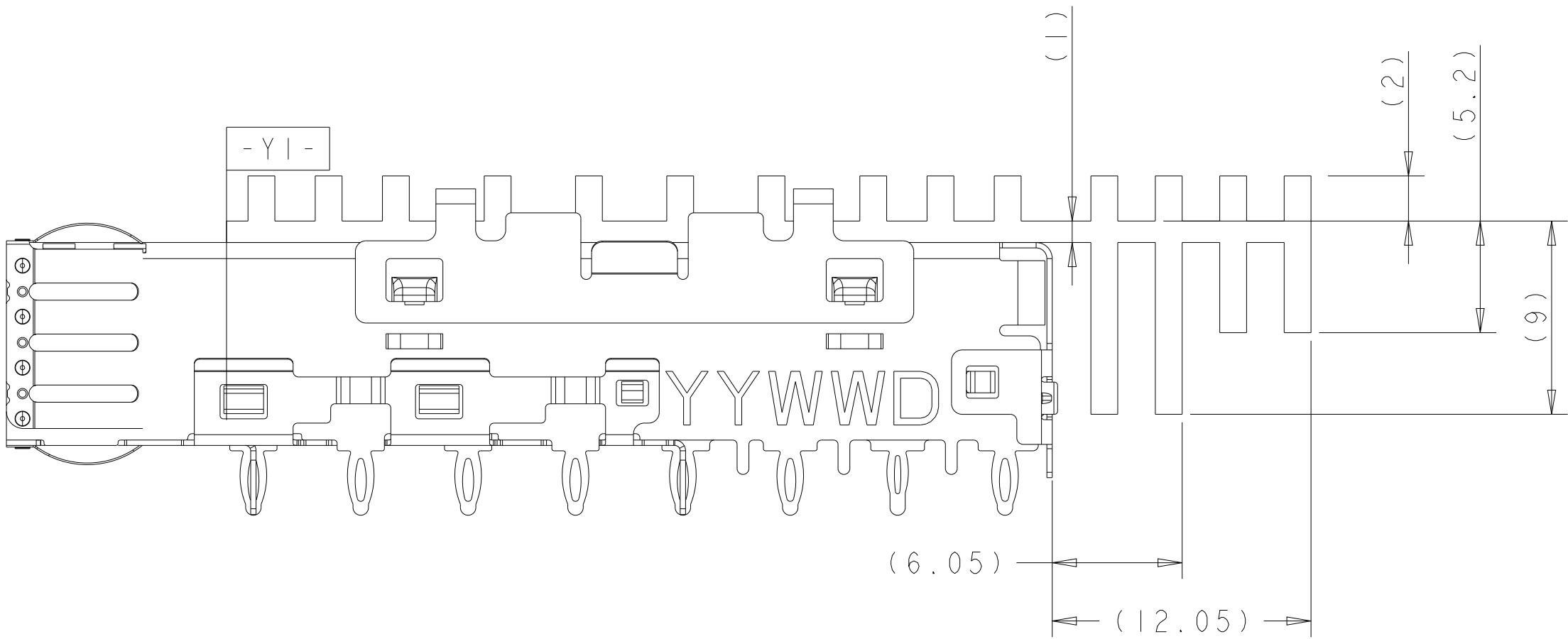
LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	DWN	APVD	
-	-	SEE SHEET 1			-	-	-	



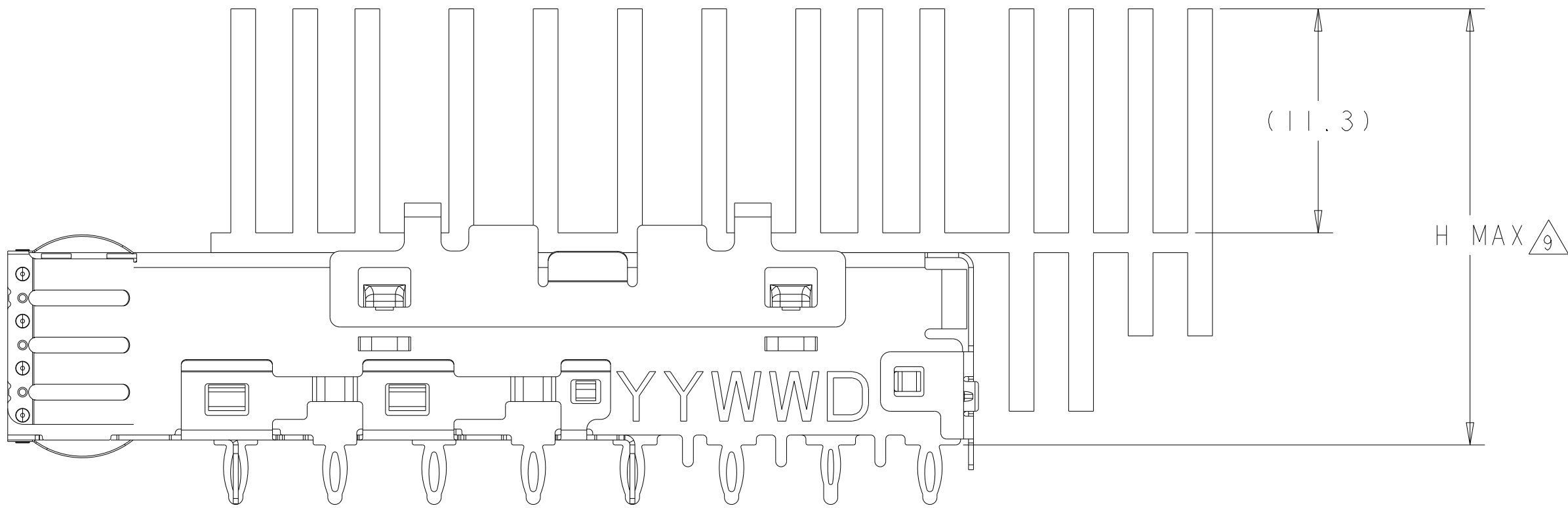
I-2291634-1 AS SHOWN
WITHOUT INSULATING TAPE,WITH EXTEND PIN TYPE HEAT SINK



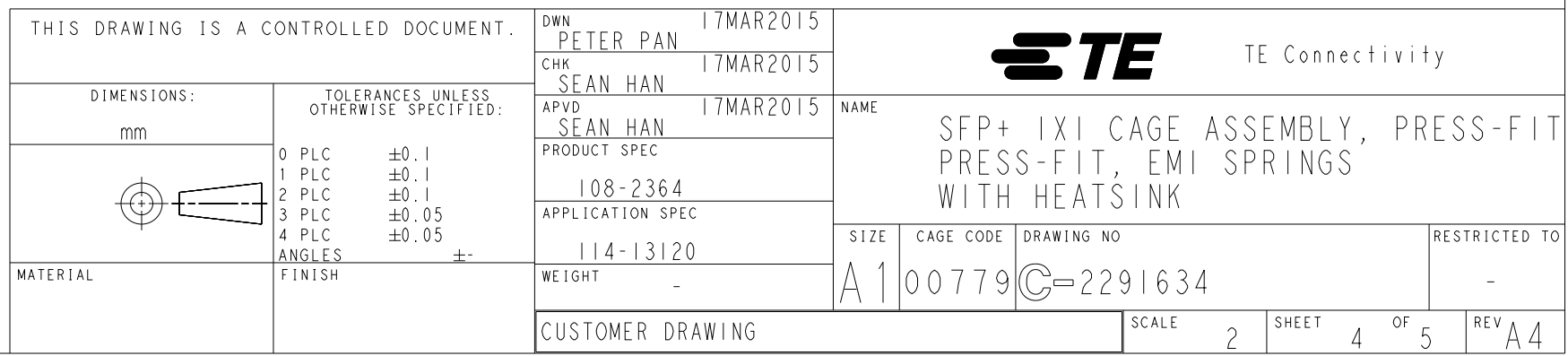
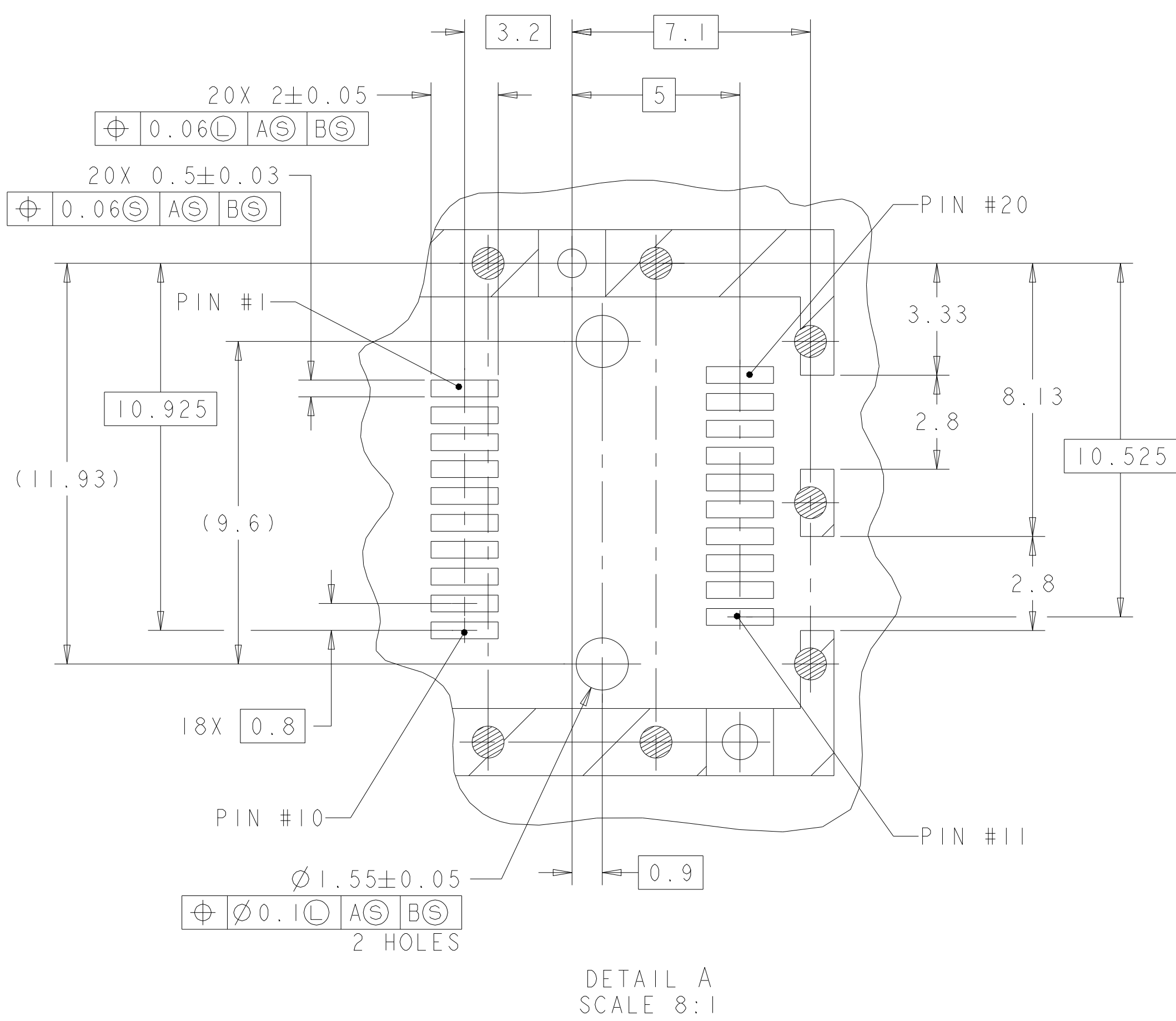
I-2291634-2 AS SHOWN
WITHOUT INSULATING TAPE,WITH EXTEND PIN TYPE HEAT SINK

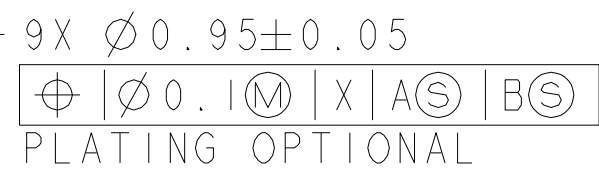
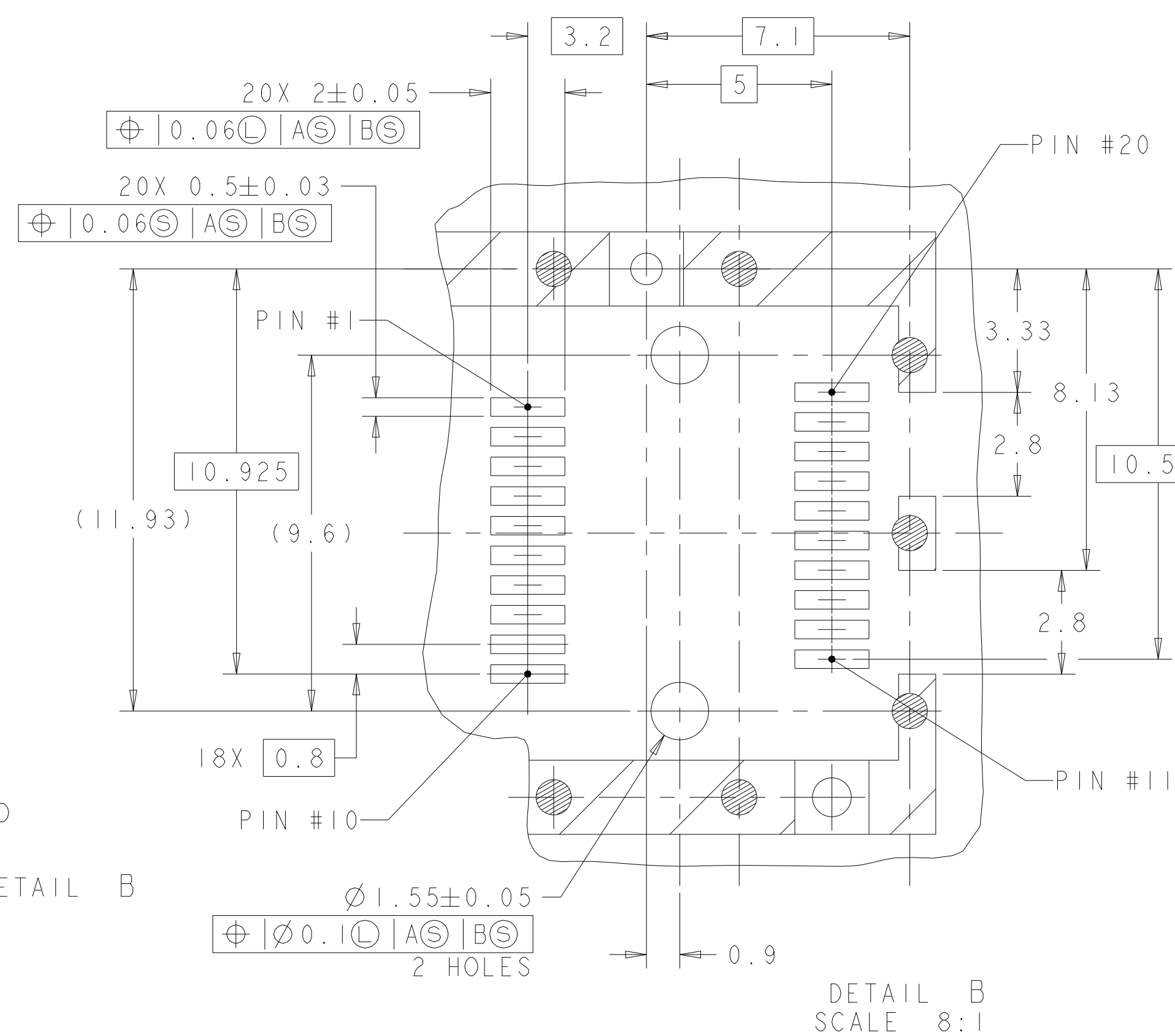


I-2291634-1 AS SHOWN
EXCEPT HEATSINK SAME AS 2291634-1



SCALE 4:1
I-2291634-2 AS SHOWN
EXCEPT HEATSINK SAME AS I-2291634-1





THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: STEER PAN 17MAR2015 CHG: SEAN HAN 17MAR2015		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.1 1 PLC ± 0.1 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± 0.05 ANGLES $\pm$ FINISH		NAME: SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK	
		APD: SEAN HAN 17MAR2015 PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120 WEIGHT: -		SIZE: CAGE CODE: DRAWING NO: 100779C 2291634	
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO: - SCALE: 2 SHEET 5 OF 5 REV: A	