

LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		F3		REVISED PER ECO-18-008086	24MAY2018	IT	SH

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.

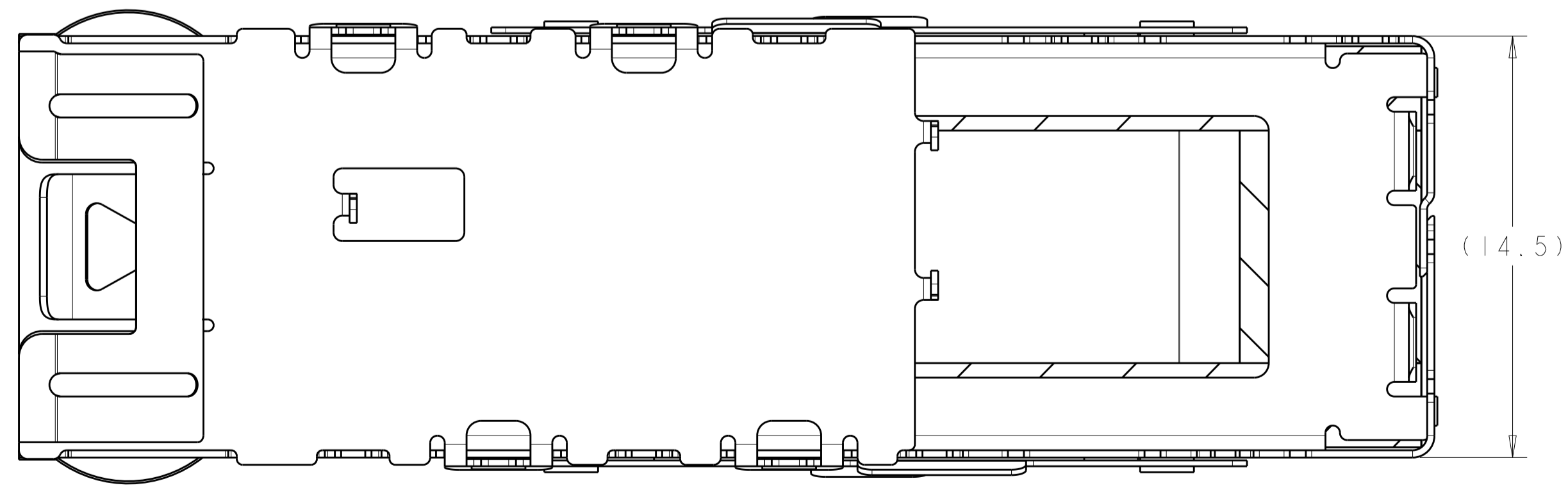
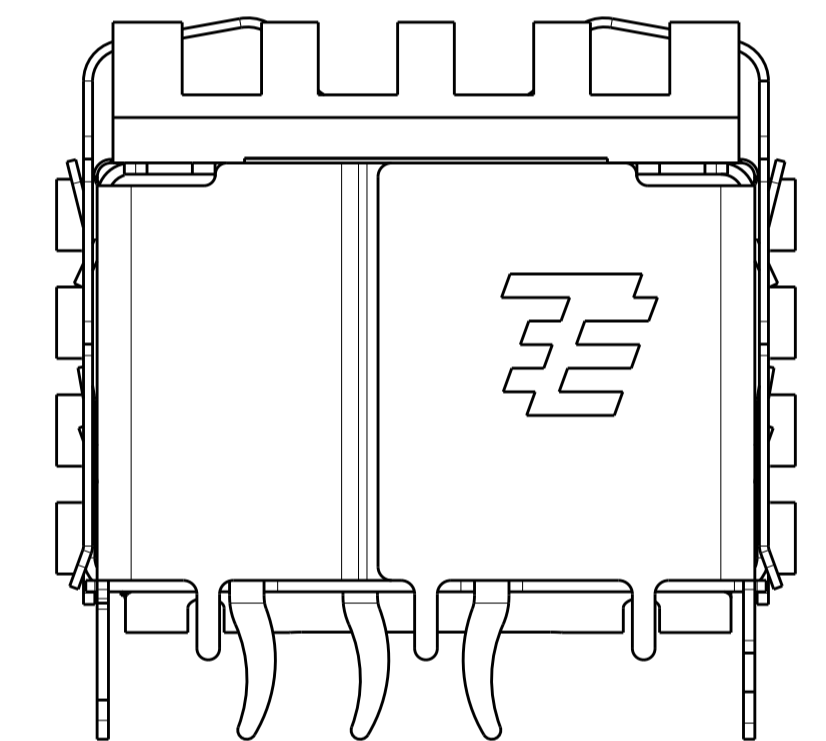
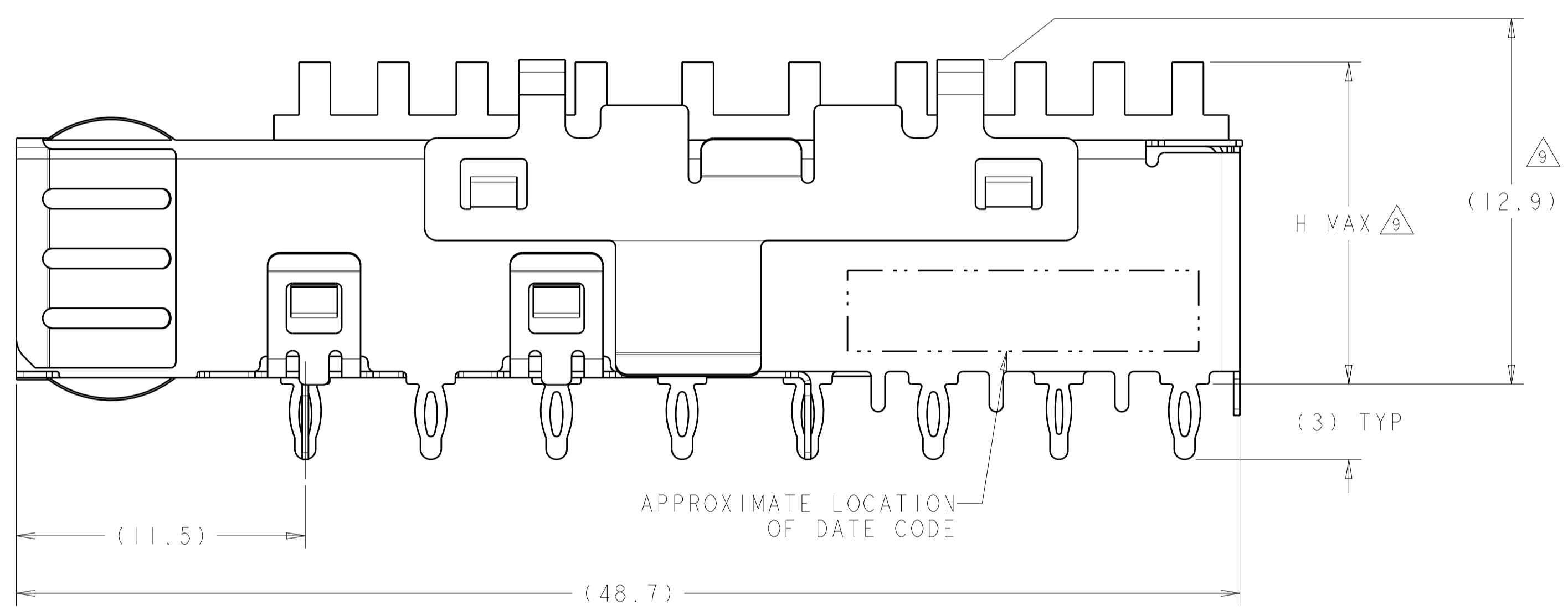
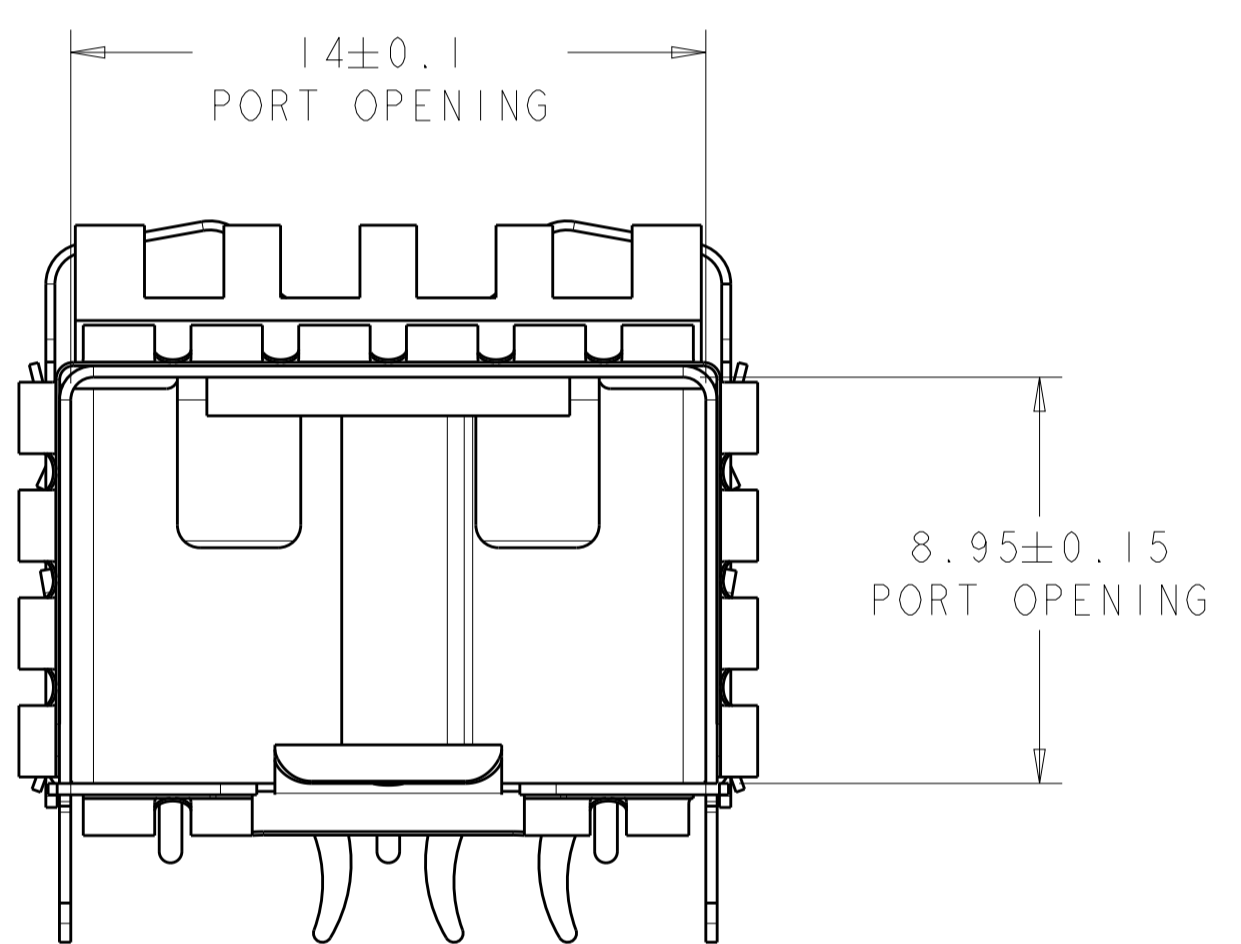
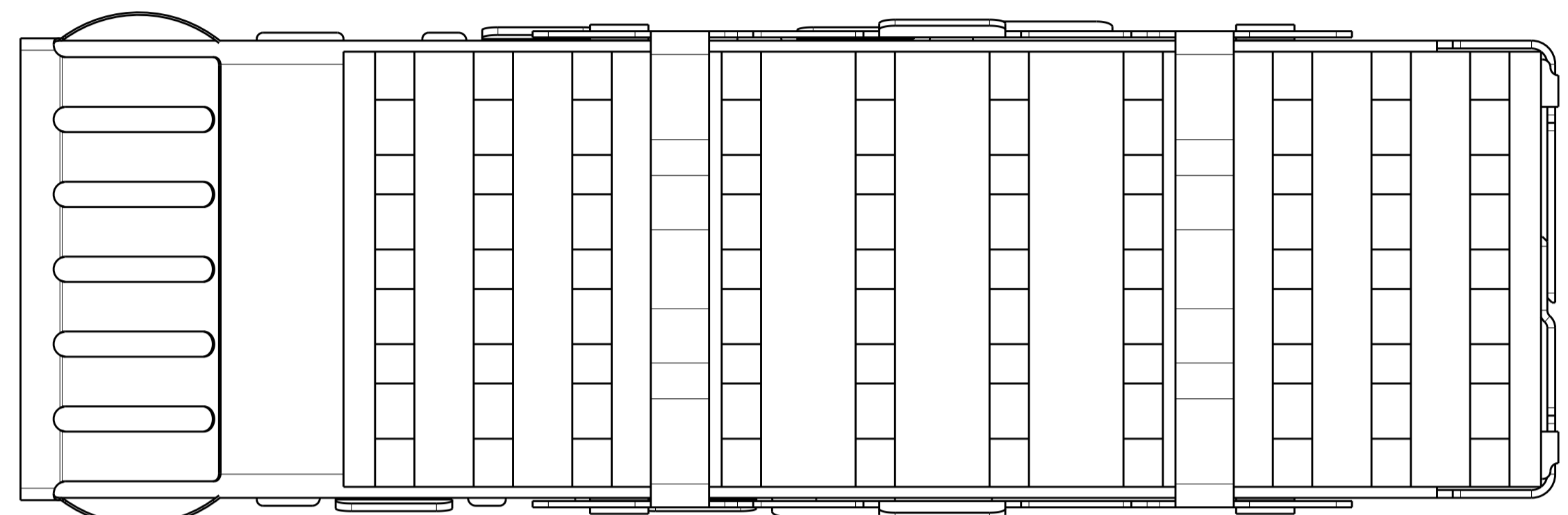
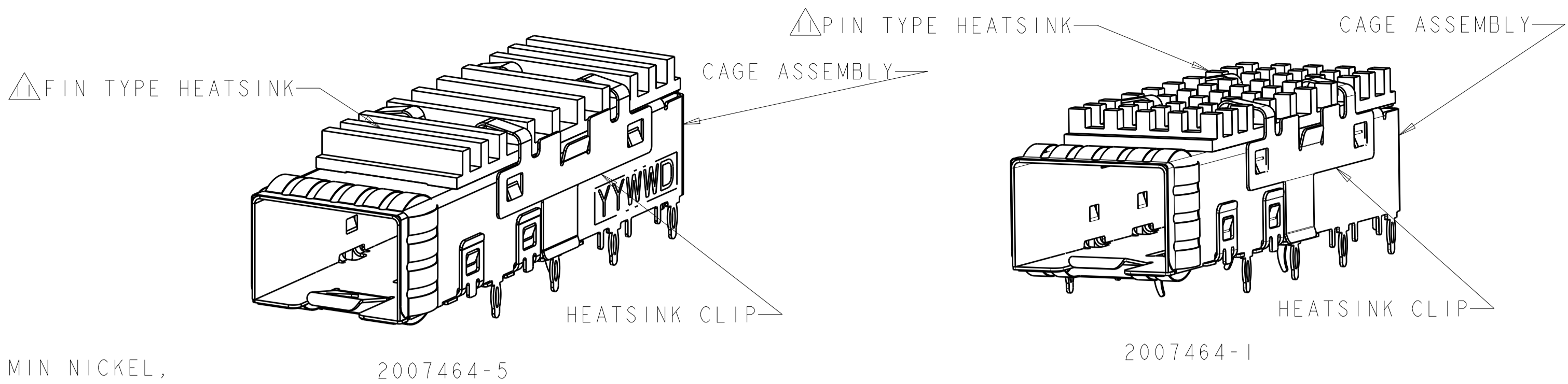
3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

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. HEAT SINK REFERENCE PART NUMBERS:
 1829903-2 = 4.2 HIGH - PCI, PIN TYPE
 1829904-2 = 6.5 HIGH - SAN, PIN TYPE
 1829905-2 = 13.5 HIGH - NETWORKING, PIN TYPE
 2170426-4 = 4.2 HIGH - PCI, PIN TYPE
 2170427-4 = 6.5 HIGH - SAN, PIN TYPE
 2170428-4 = 13.5 HIGH - NETWORKING, PIN TYPE

12. REMOVED

DESCRIPTION	H MAX	APPLICATION	PART NUMBER
W/O INSULATING TAPE	13.5	PCI	2007464-9
W/ INSULATING TAPE	22.8	NETWORKING	2007464-8
W/O INSULATING TAPE	22.8	NETWORKING	2007464-7
W/O INSULATING TAPE	15.8	SAN	2007464-6
W/O INSULATING TAPE	13.5	PCI	2007464-5
W/ INSULATING TAPE	22.8	NETWORKING	2007464-4
W/O INSULATING TAPE	22.8	NETWORKING	2007464-3
W/O INSULATING TAPE	15.8	SAN	2007464-2
W/O INSULATING TAPE	13.5	PCI	2007464-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

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	±0.05

MATERIAL: FINISH:

Customer Drawing

APPROVED:

DATE: 20NOV2007

NAME: SFP+ IXI CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK

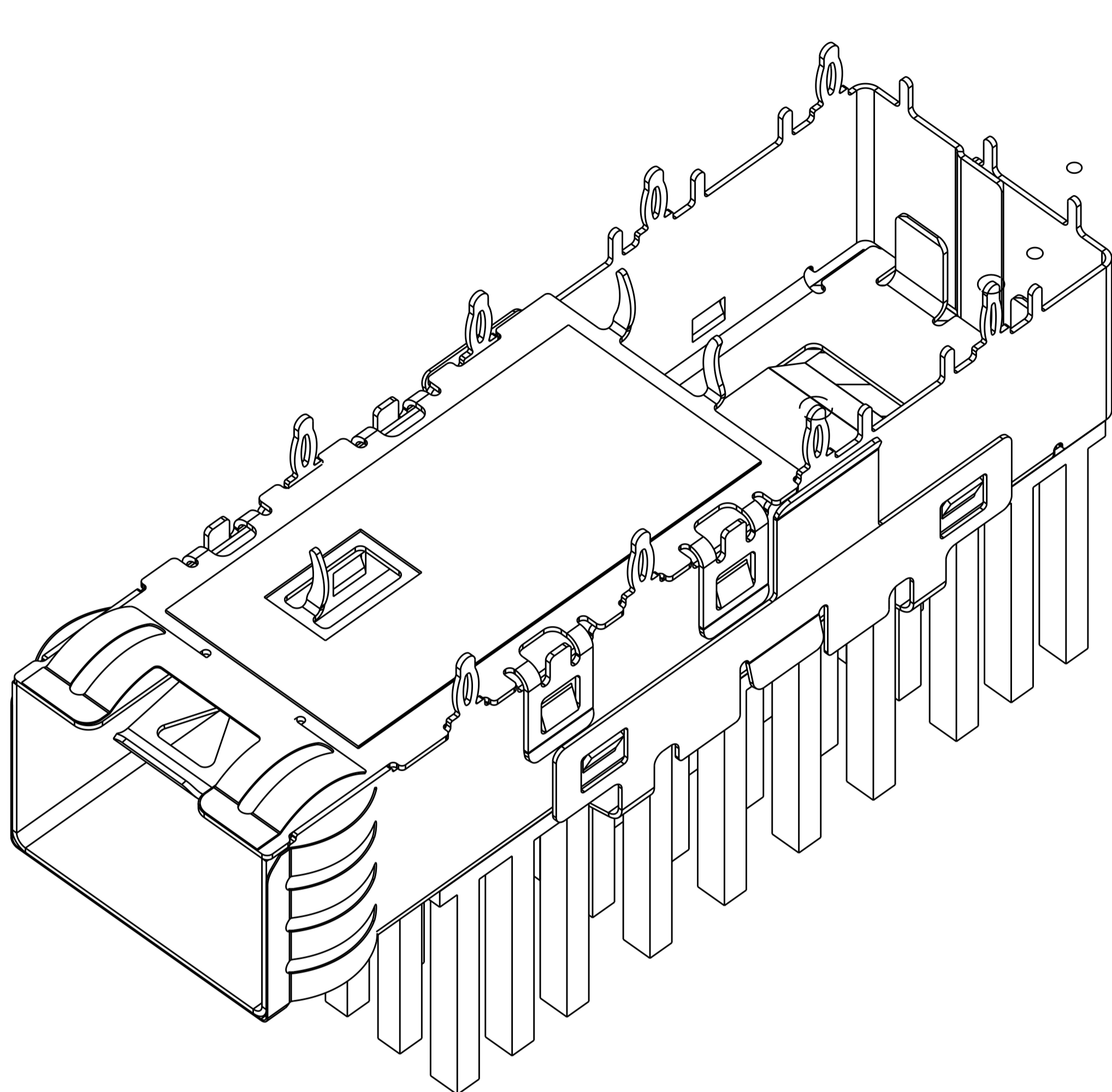
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SCALE: 6:1

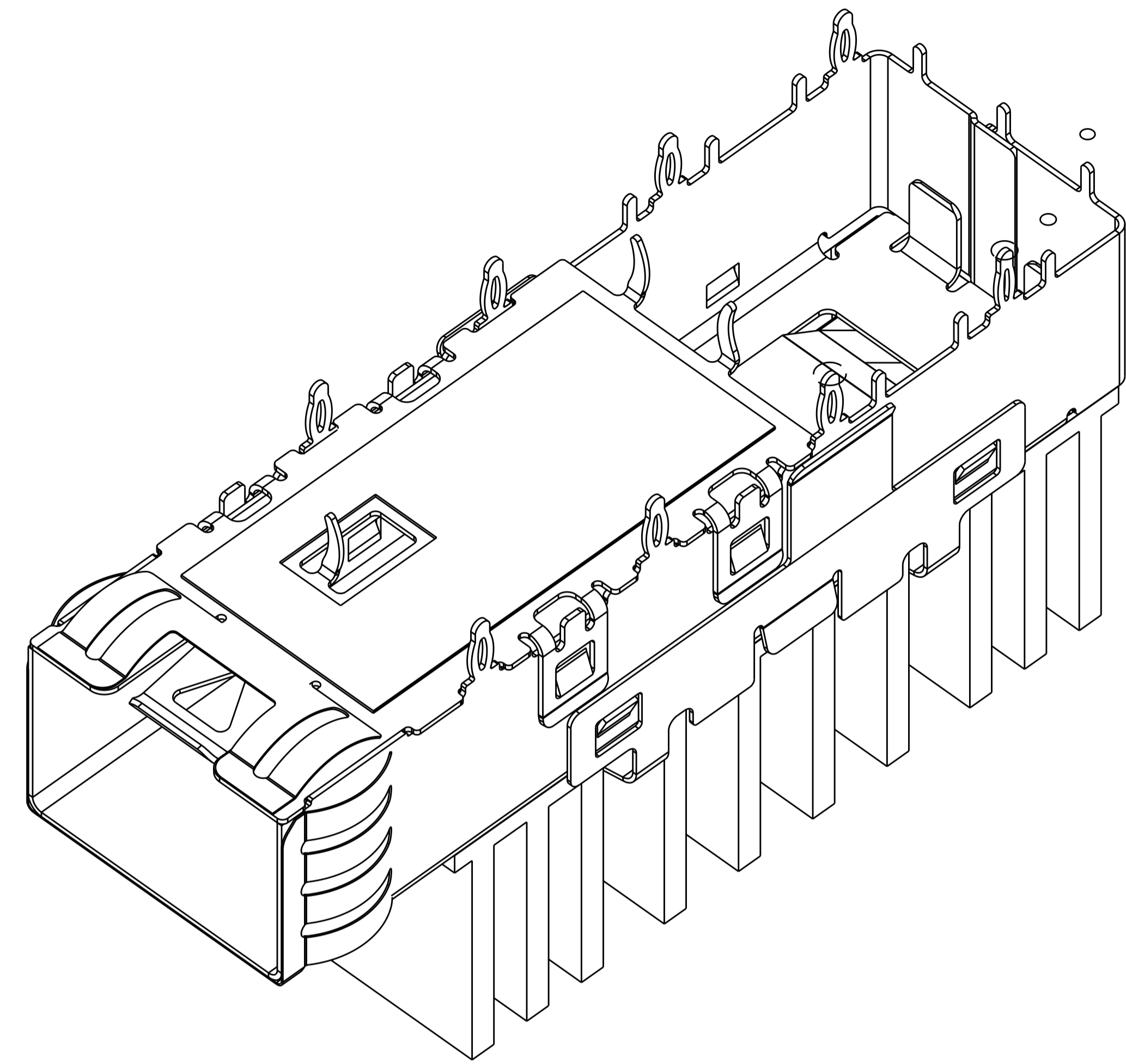
SHEET 1 OF 4

REV: F3

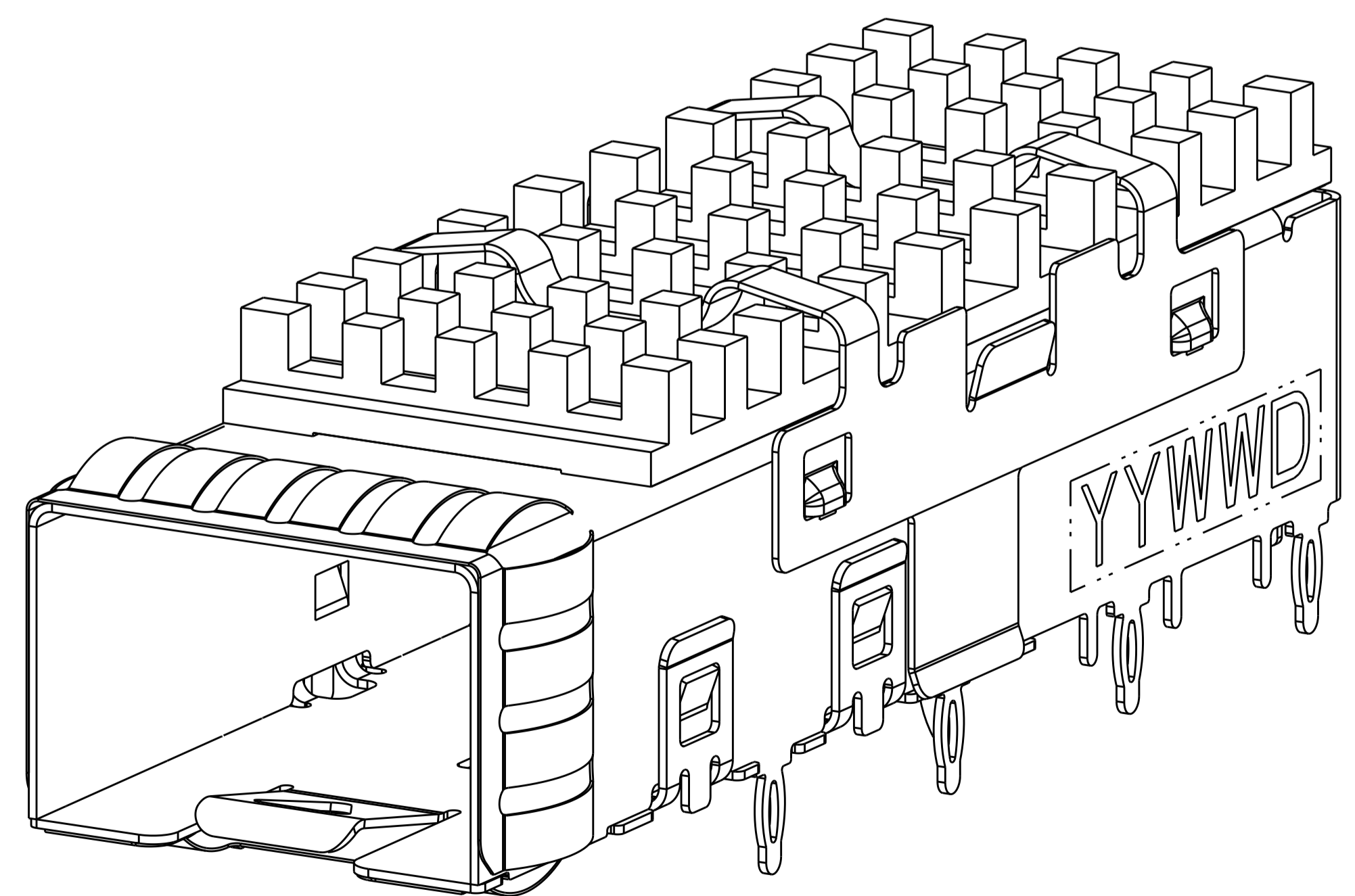
LOC	DIST	REVISIONS			
P	LYR	DESCRIPTION	DATE	DMN	APVD
GP	00	SEE SHEET 1			




2007464-4 AS SHOWN WITH INSULATING TAPE, PIN TYPE HEAT SINK
 2007464-1, 2, 3 WITHOUT INSULATING TAPE, TAPE, PIN TYPE HEAT SINK



2007464-8 AS SHOWN WITH INSULATING TAPE, WITH FIN TYPE HEAT SINK
 2007464-5, 6, 7 WITHOUT INSULATING TAPE, WITH FIN TYPE HEAT SINK

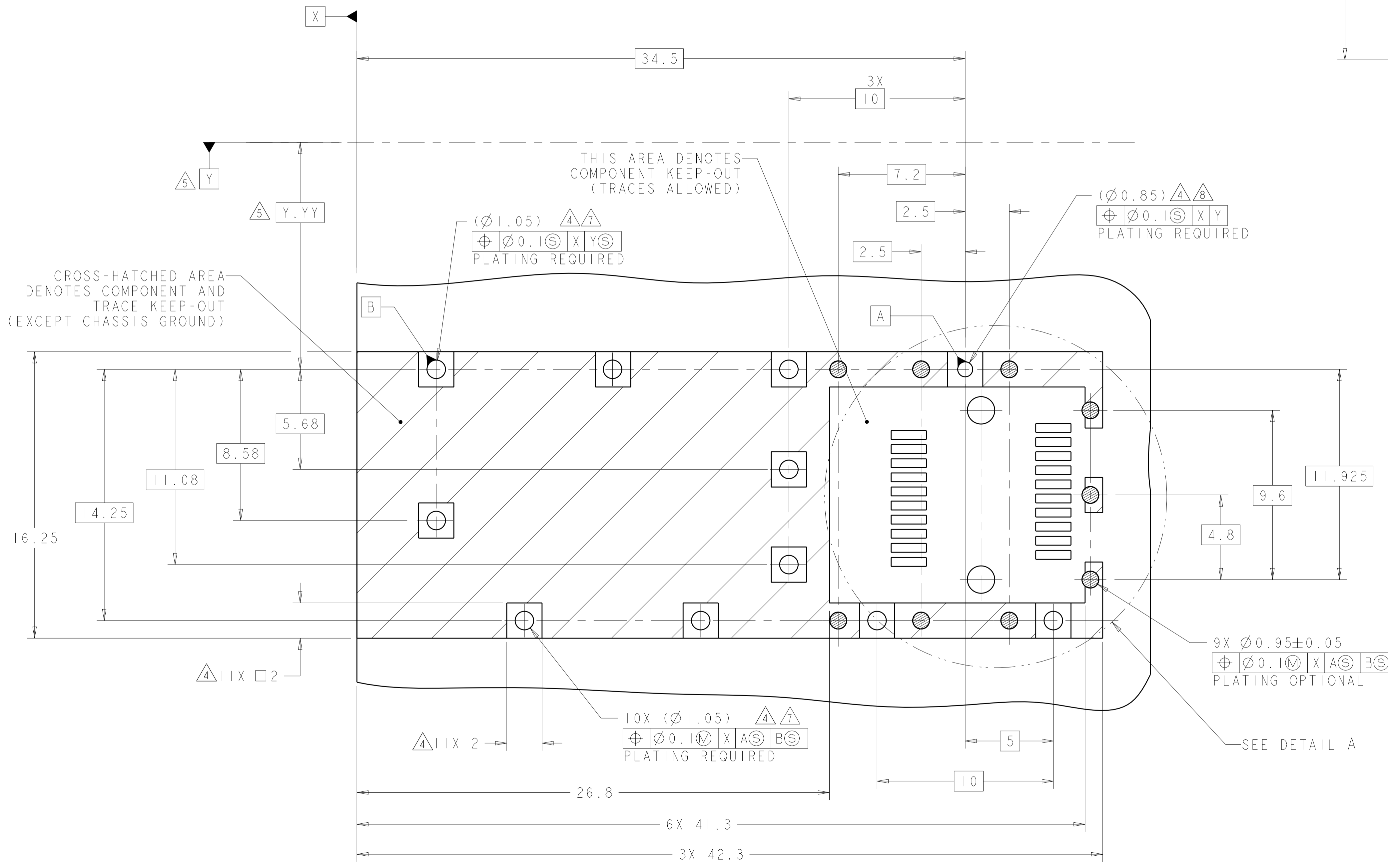
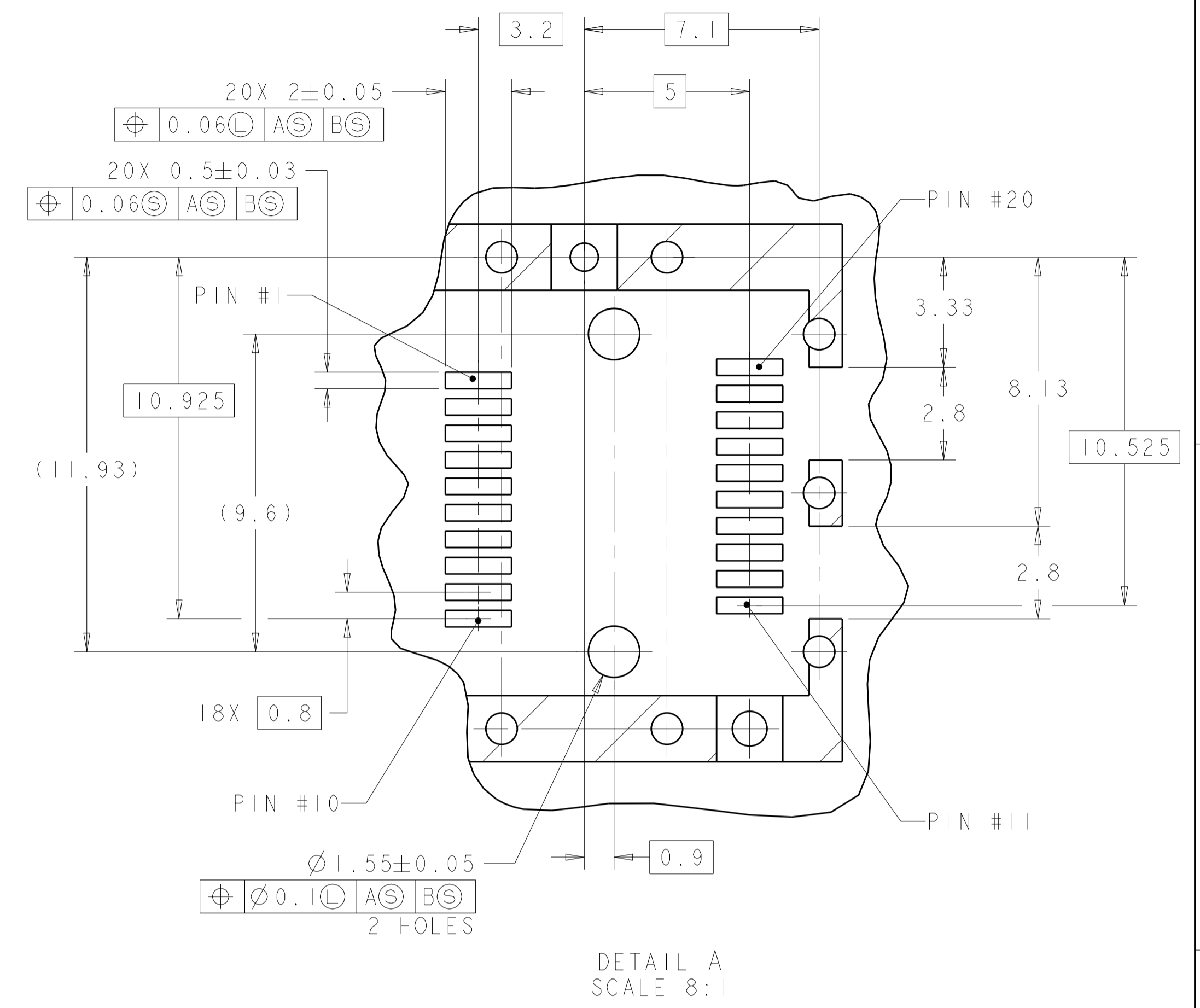
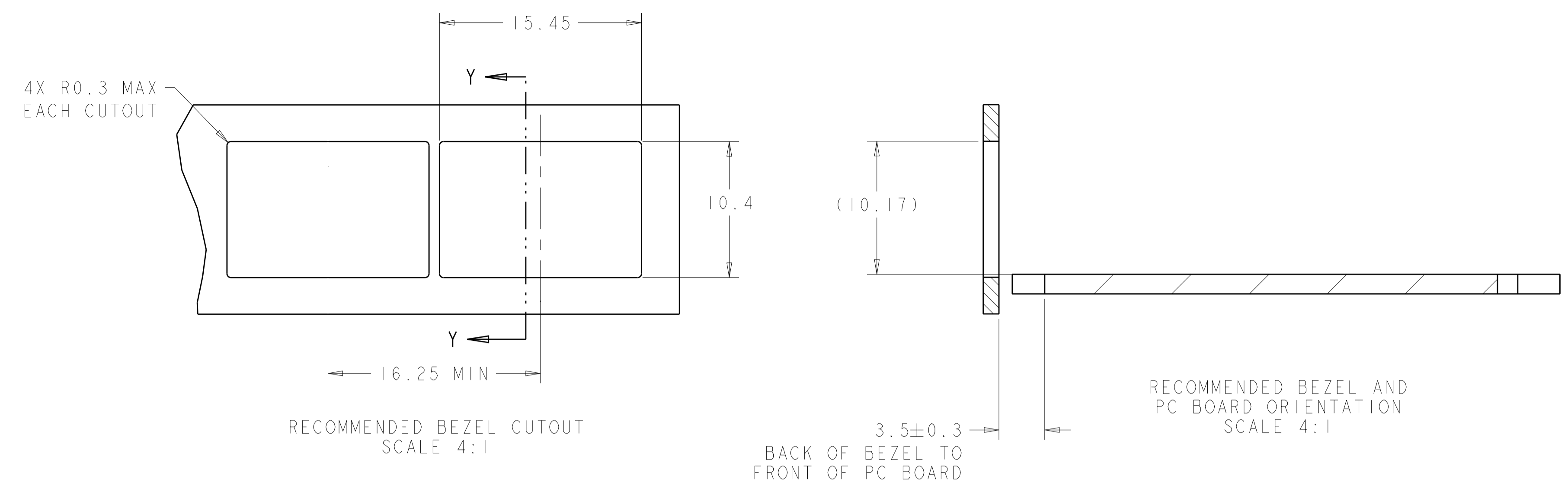


2007464-9 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN Z. M. REAM 20NOV2007	 TE Connectivity														
DIMENSIONS: mm		CHK M. R. SCHMITZ 20NOV2007															
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. H. WERTZ 20NOV2007	NAME SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK														
<table border="1"> <tr> <td>0 PLC</td> <td>±0.1</td> </tr> <tr> <td>1 PLC</td> <td>±0.1</td> </tr> <tr> <td>2 PLC</td> <td>±0.1</td> </tr> <tr> <td>3 PLC</td> <td>±0.05</td> </tr> <tr> <td>4 PLC</td> <td>±0.05</td> </tr> <tr> <td>ANGLES</td> <td>±0.05</td> </tr> <tr> <td>FINISH</td> <td>AL</td> </tr> </table>		0 PLC	±0.1	1 PLC	±0.1	2 PLC	±0.1	3 PLC	±0.05	4 PLC	±0.05	ANGLES	±0.05	FINISH	AL	PRODUCT SPEC 108-2364	SIZE 114-13120
0 PLC	±0.1																
1 PLC	±0.1																
2 PLC	±0.1																
3 PLC	±0.05																
4 PLC	±0.05																
ANGLES	±0.05																
FINISH	AL																
MATERIAL		APPLICATION SPEC 114-13120	RESTRICTED TO														
		WEIGHT	A100779C=2007464														
		Customer Drawing	SCALE 2 SHEET 2 OF 4 REV F3														

LOC	DIST	REV	DATE	BY	APPV
GP	00				

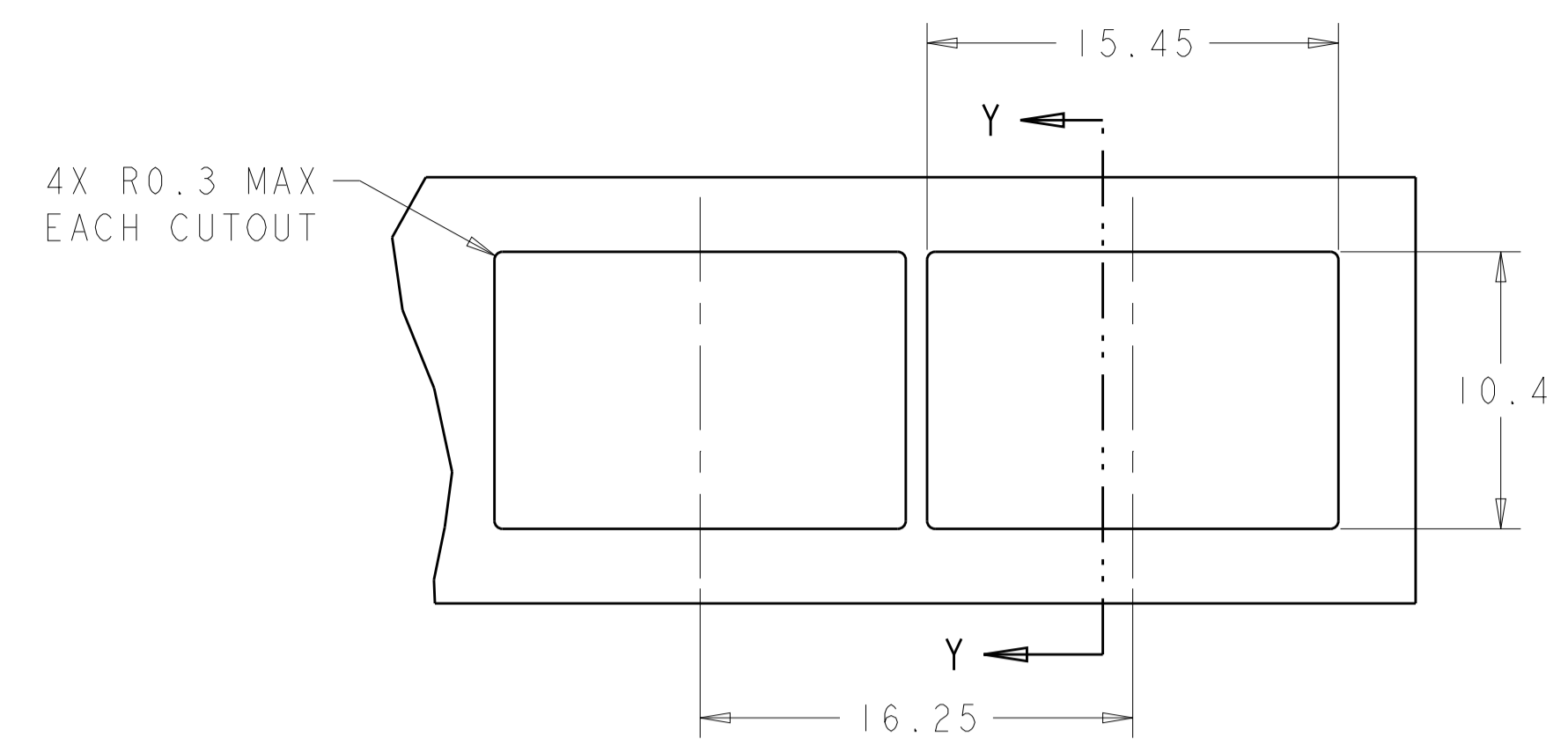
REVISIONS					
REV	DATE	BY	APPV	DESCRIPTION	SCALE
-	-	-	-	SEE SHEET 1	-



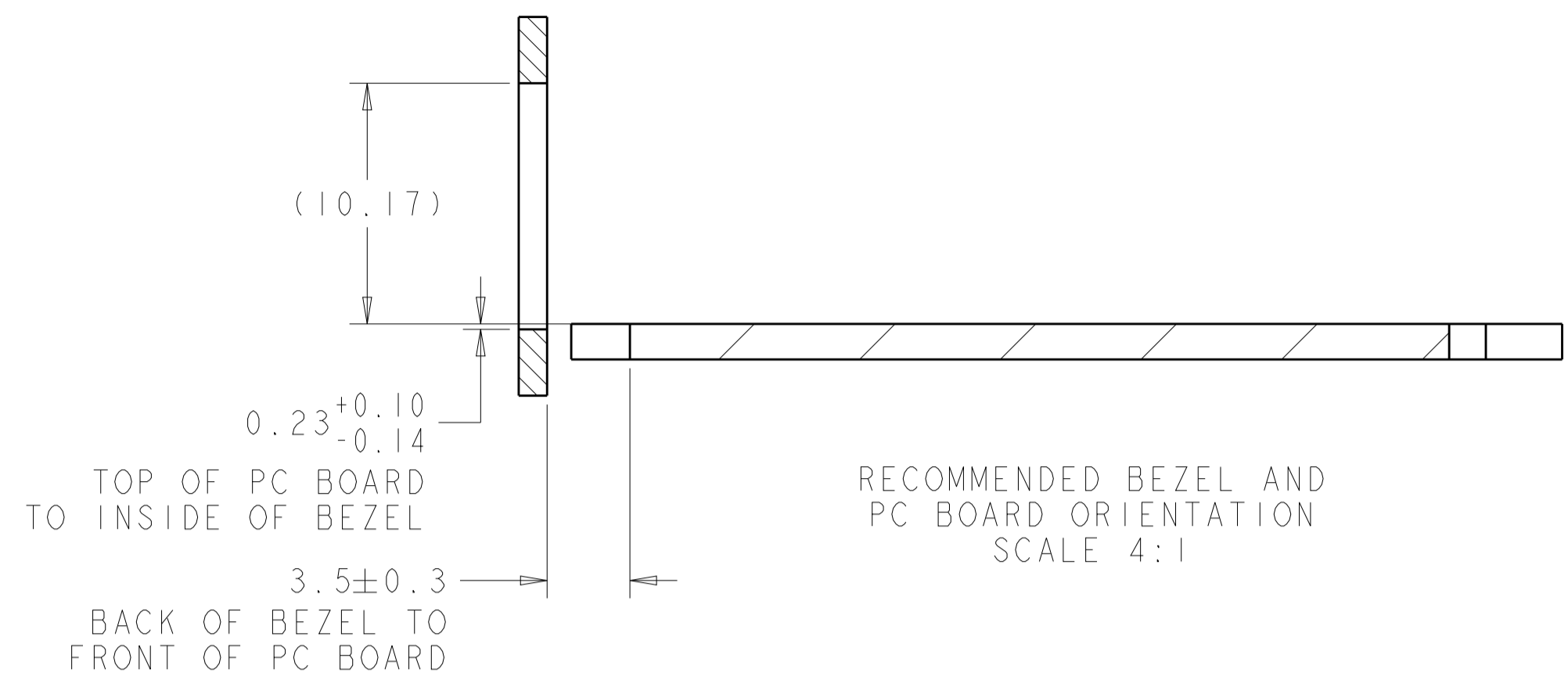
RECOMMENDED PCB LAYOUT
SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: Z.M. REAM 20NOV2007	TE Connectivity
DIMENSIONS: mm		CHK: M.R. SCHMITZ 20NOV2007	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: B.H. WERTZ 20NOV2007	NAME: SFP+ IXI CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK
0 PLC ±0.1	1 PLC ±0.1	PRODUCT SPEC: 108-2364	SIZE: CAGE CODE DRAWING NO: A100779C=2007464
2 PLC ±0.1	3 PLC ±0.05	APPLICATION SPEC: 114-13120	RESTRICTED TO: -
4 PLC ±0.05	ANGLES ±0.05	WEIGHT: -	SCALE: 2 SHEET 3 OF 4 REV: F3
MATERIAL: -	FINISH: -	Customer Drawing	

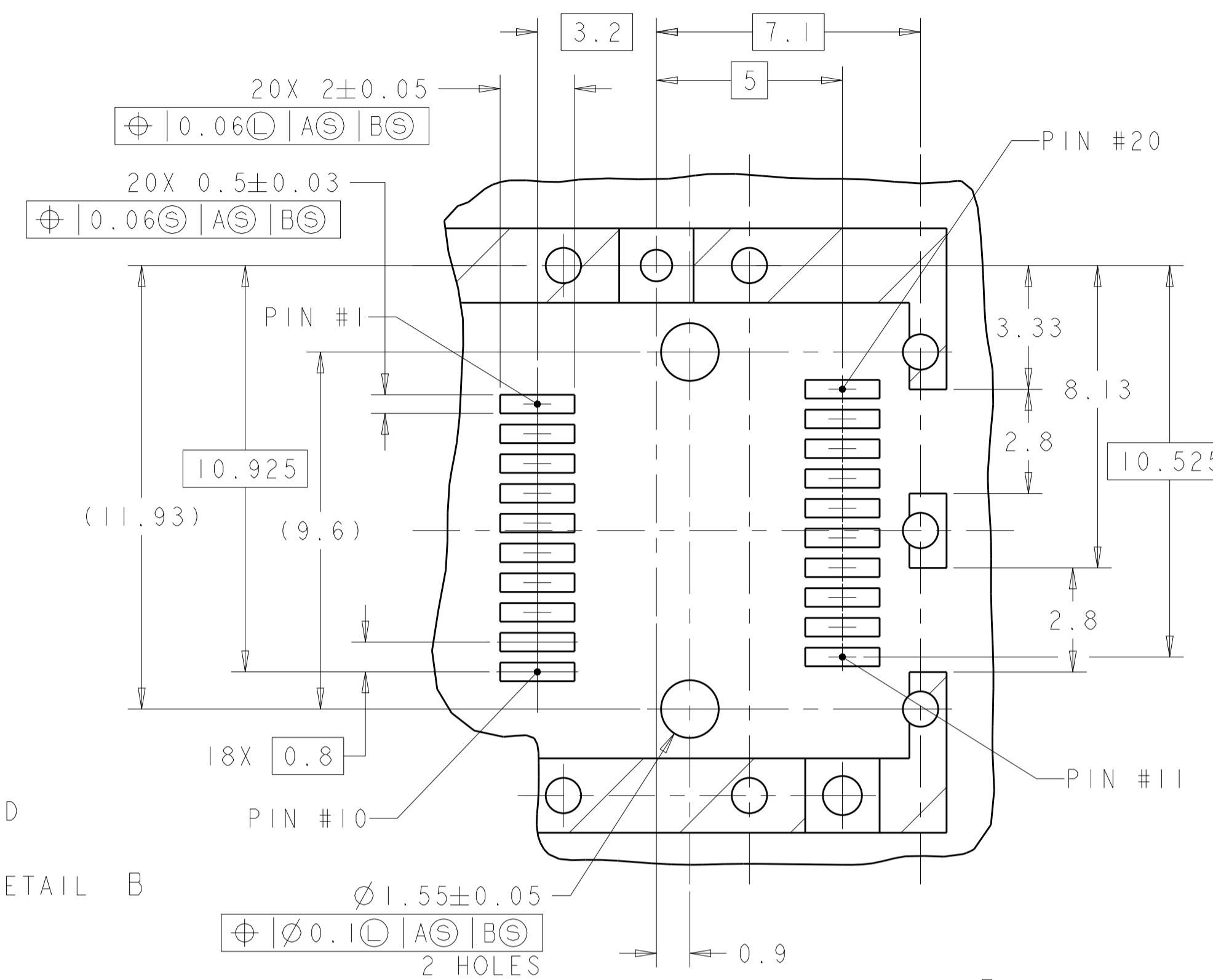
LOC	DIST	REV	DATE	APPD	APVD
GP	00				
P LTH		DESCRIPTION		DATE	DWN
		SEE SHEET 1			



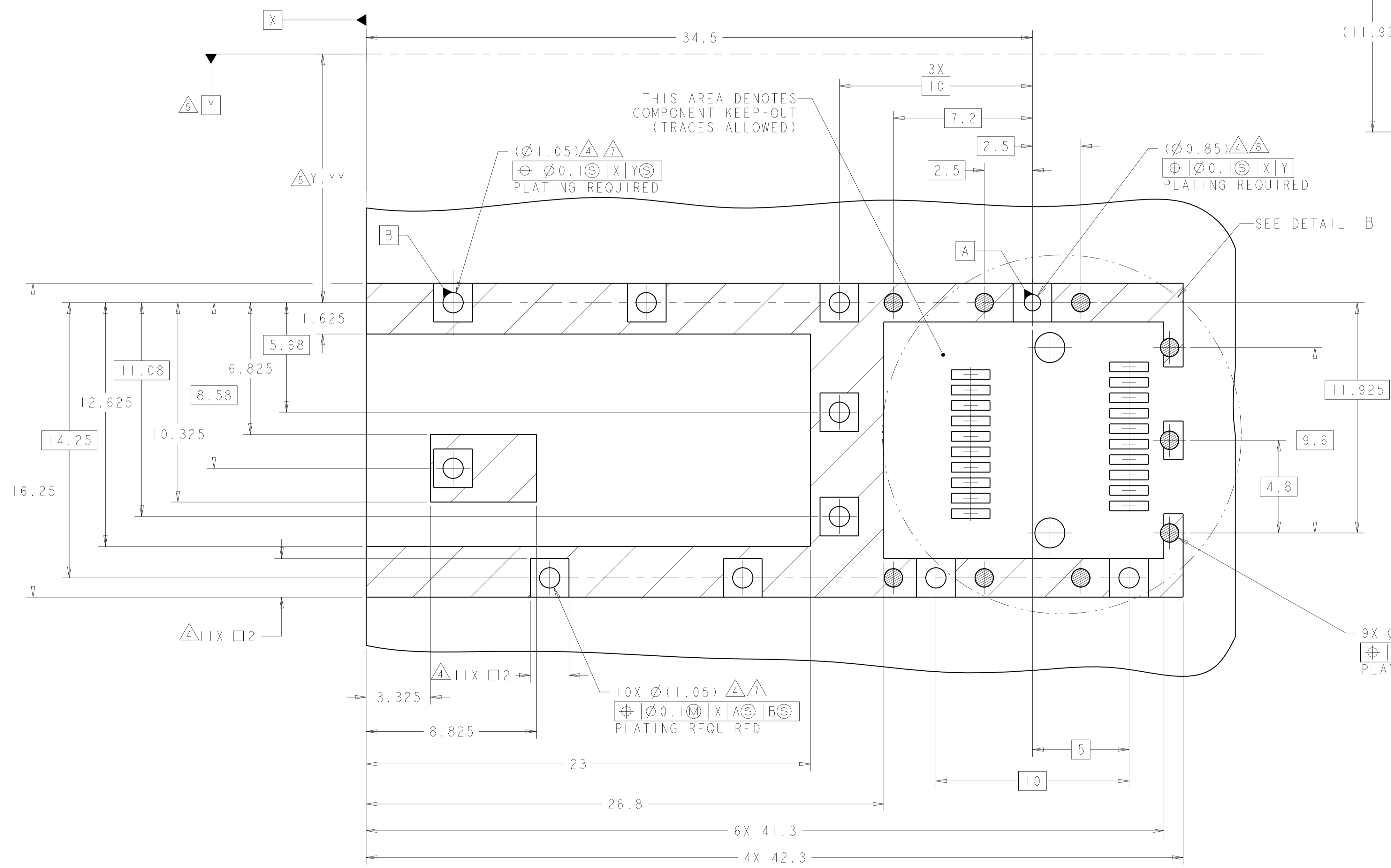
RECOMMENDED BEZEL CUTOUT
SCALE 4:1



RECOMMENDED BEZEL AND
PC BOARD ORIENTATION
SCALE 4:1



DETAIL B
SCALE 8:1



RECOMMENDED PCB LAYOUT FOR WITH
INSULATING TAPE PART
SCALE 8:1

9X $\varnothing 0.95 \pm 0.05$
 $\varnothing 0.10$ | X | A | S | B | S
 PLATING OPTIONAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z. M. BEAM 20NOV2007	TE Connectivity												
DIMENSIONS: mm		CHK M. R. SCHMITT 20NOV2007													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B. H. WERTZ 20NOV2007	NAME SFP+ IXI CAGE ASSEMBLY, PRESS-FIT PRESS-FIT, EMI SPRINGS WITH HEATSINK												
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1 PLC	±0.1														
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ANGLES	±0.05														
MATERIAL		APPLICATION SPEC 114-13120	RESTRICTED TO												
FINISH		WEIGHT	SCALE 2 SHEET 4 OF 4 REV F3												
		Customer Drawing													