

1 MATERIAL:
CAGE ASSEMBLY - 0.25mm THICK NICKEL SILVER ALLOY.
HEATSINK - ALUMINUM.
HEATSINK CLIP - STAINLESS STEEL.
EMI SPRINGS - COPPER ALLOY.
PCB GASKET - RF ABSORBER.

2 FINISH
HEATSINK - ELECTROLESS NICKEL
HEATSINK CLIP - PASSIVATE
EMI SPRINGS - 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 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

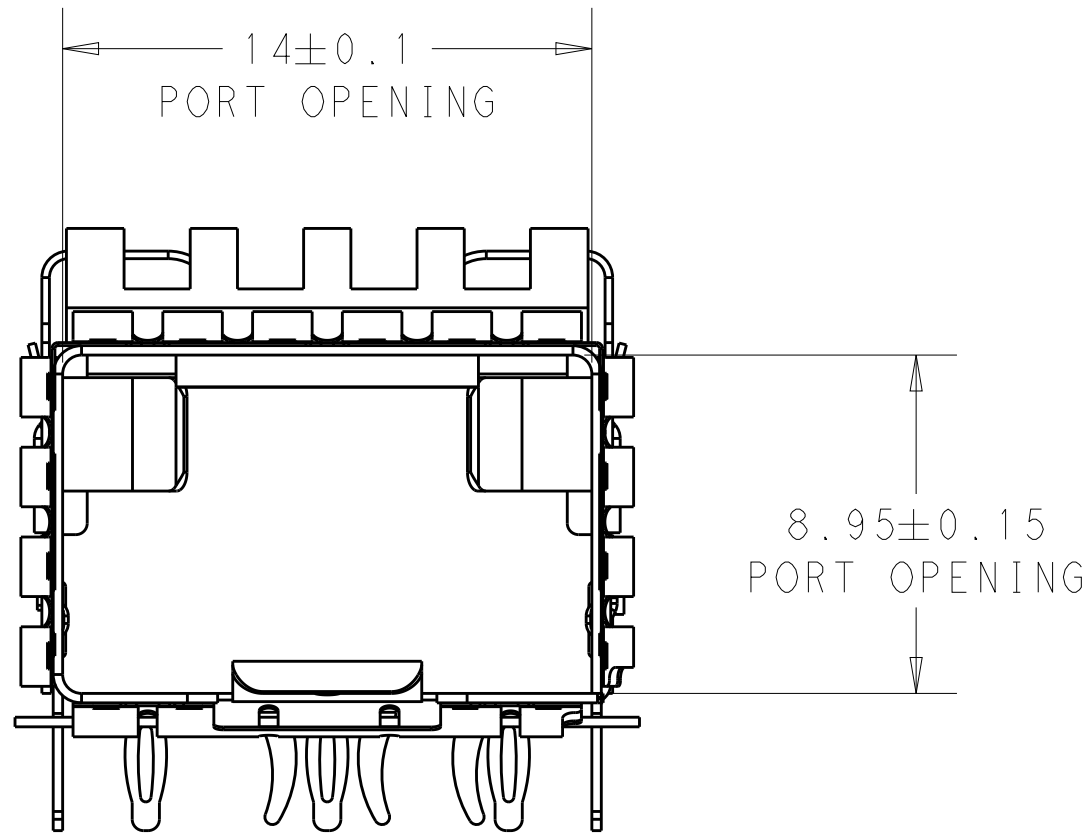
7 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

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

9. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm

10. CONTACT STANDOFF WILL PIERCE GASKET WHEN PROPERLY
PRESSED INTO PCB.

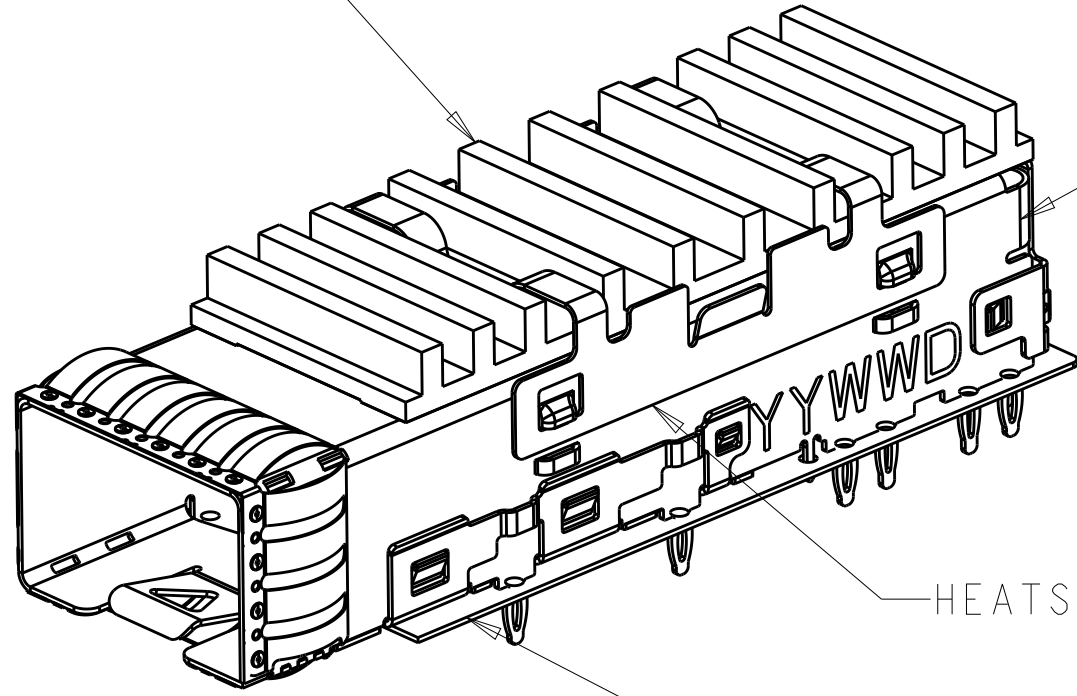
11 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.



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

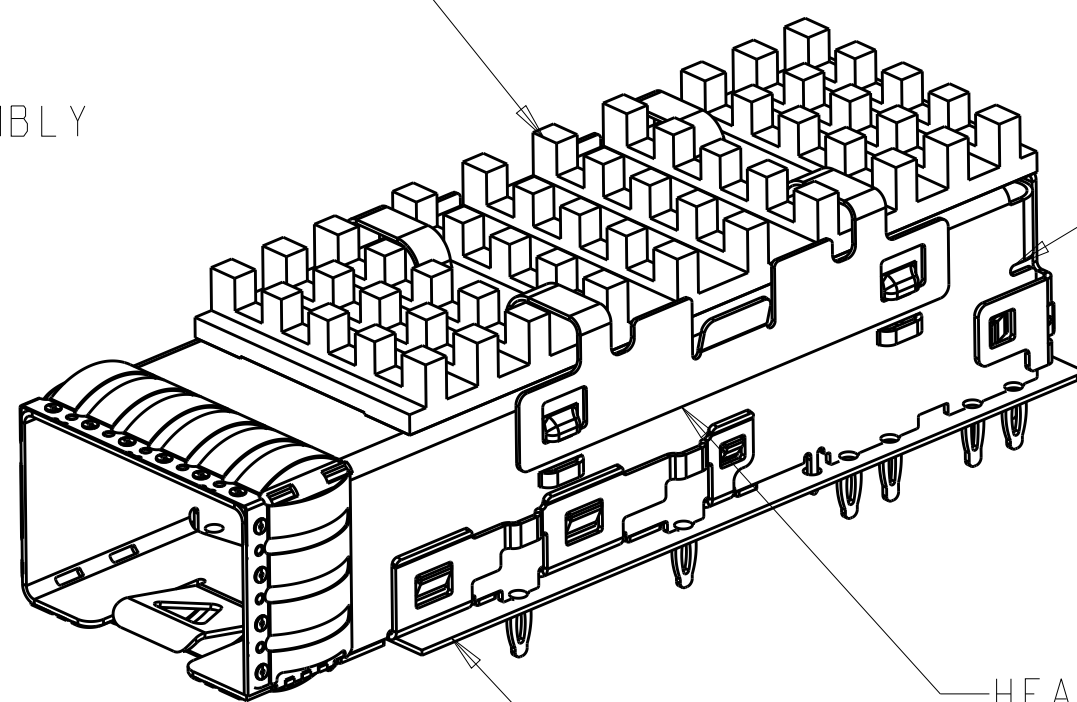
13 HEATSINK REFERENCE PART NUMBERS:
1829903-2 = 4.2 HIGH - PCI, PIN TYPE
1829904-2 = 6.5 HIGH - SAN, PIN TYPE
1829905-2 = 13.5 HIGH - NETWORKING, PIN TYPE
2170426-4 = 4.2 HIGH - PCI, FIN TYPE
2170427-4 = 6.5 HIGH - SAN, FIN TYPE
2170428-4 = 13.5 HIGH - NETWORKING, FIN TYPE

13 FIN TYPE HEATSINK

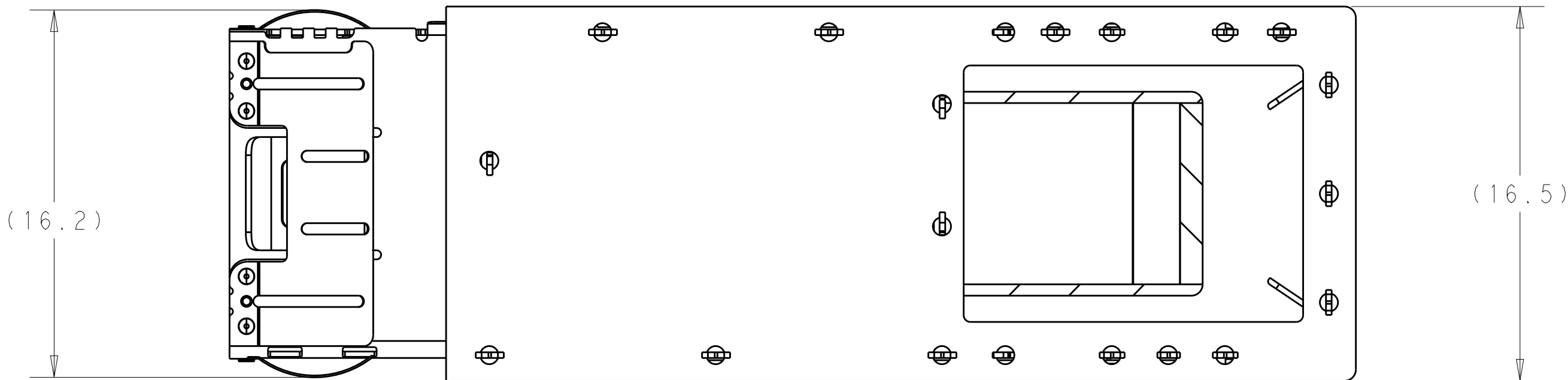
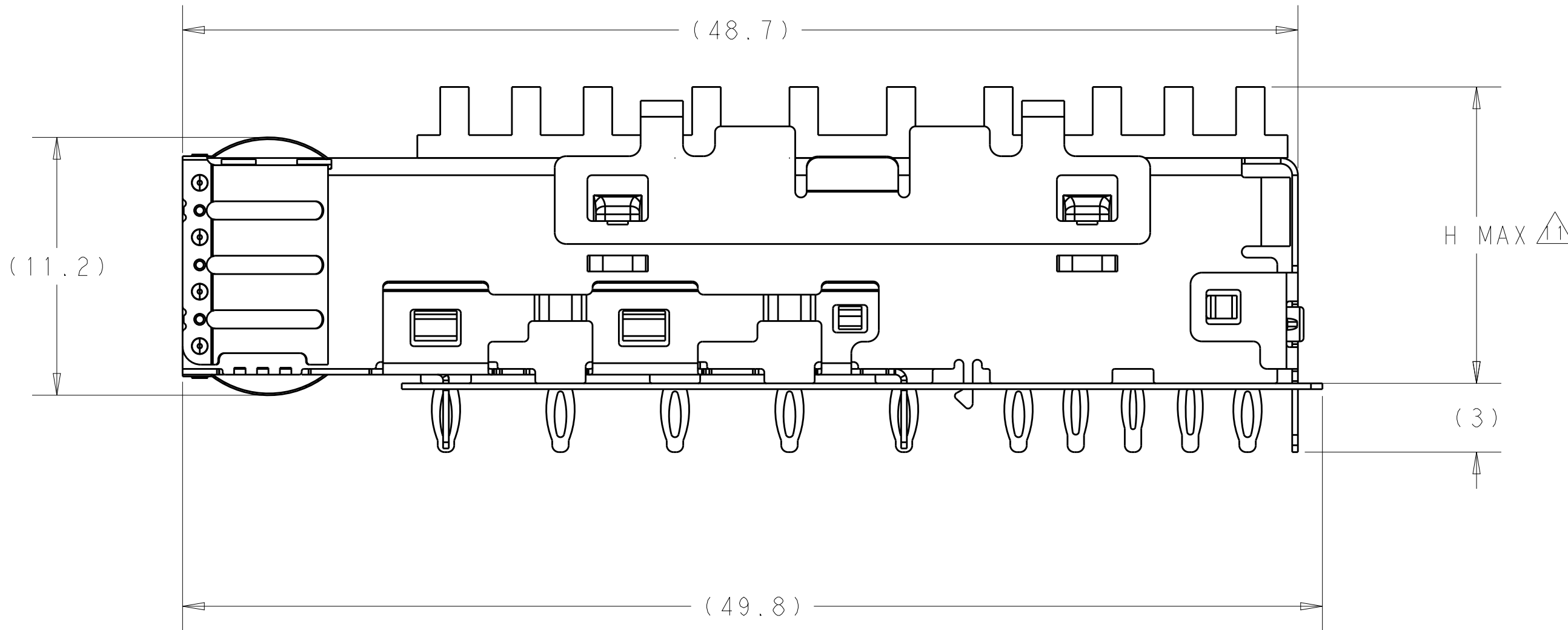
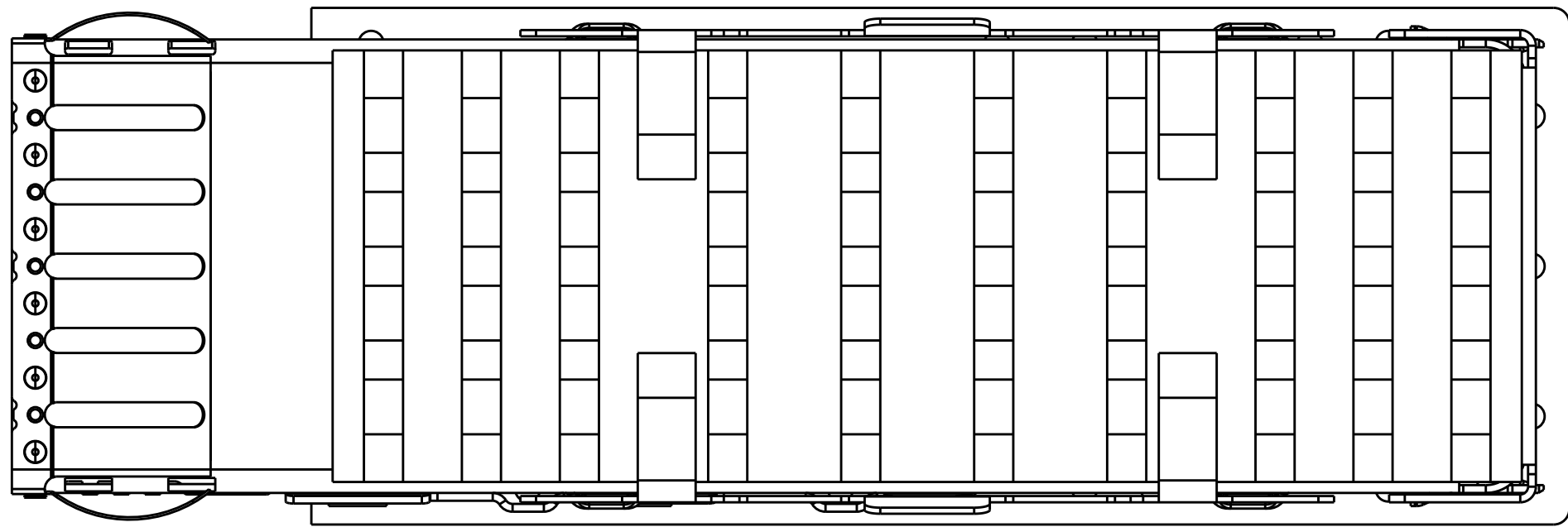


2297033-4
SCALE 3:1

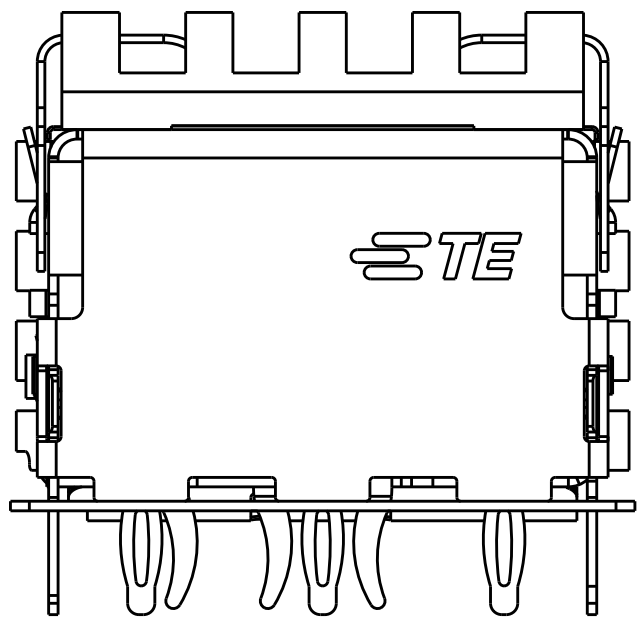
13 PIN TYPE HEATSINK



2297033-1
SCALE 3:1



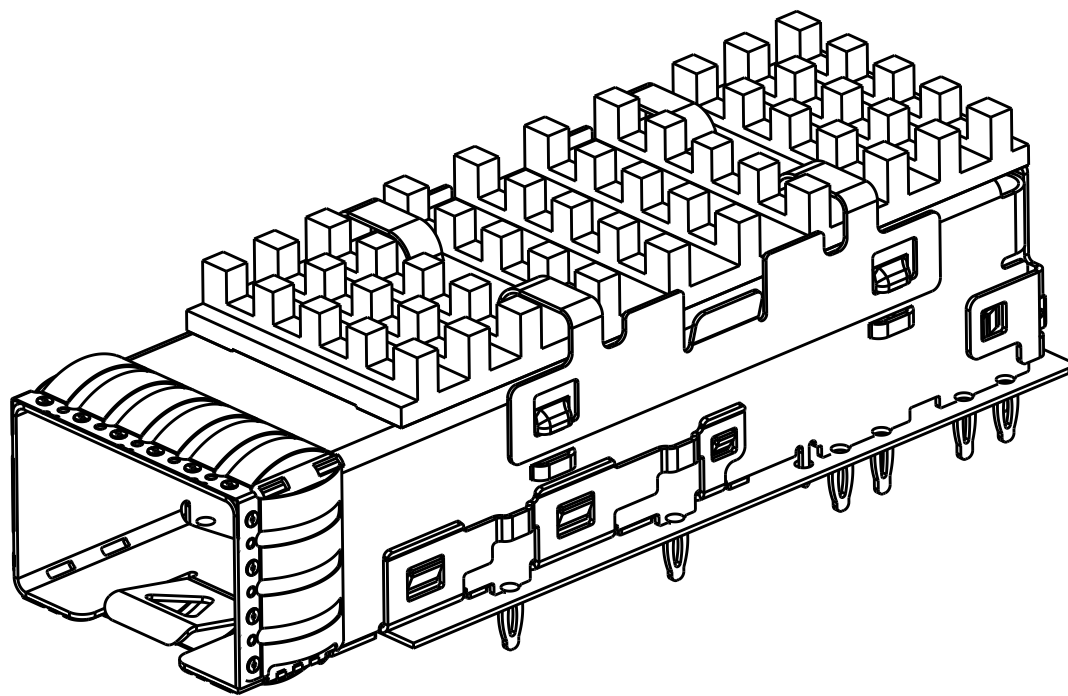
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	INITIAL RELEASE	07DEC2017	LL	SH



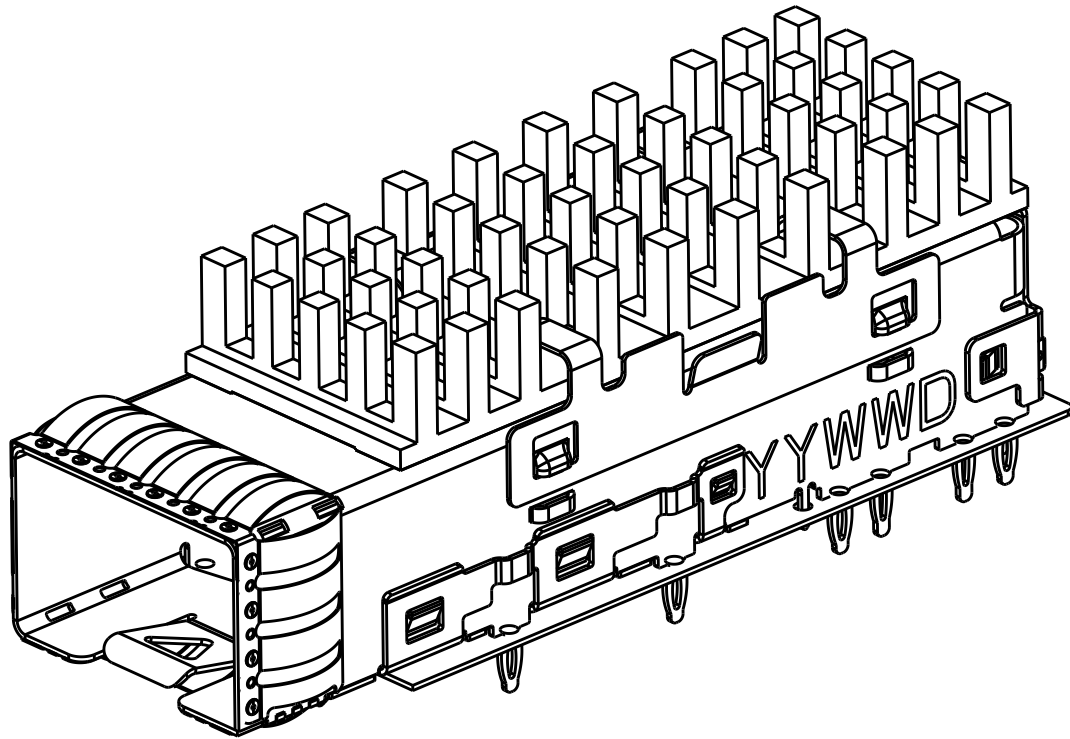
FIN TYPE HEATSINK	22.8	NETWORKING	2297033-6
FIN TYPE HEATSINK	15.8	SAN	2297033-5
FIN TYPE HEATSINK	13.5	PCI	2297033-4
PIN TYPE HEATSINK	22.8	NETWORKING	2297033-3
PIN TYPE HEATSINK	15.8	SAN	2207033-2
PIN TYPE HEATSINK	13.5	PCI	2297033-1
DESCRIPTION	H MAX	APPLICATION	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	100CT2016	TE Connectivity	
				CHK	100CT2016		
				APVD	100CT2016	NAME	
				PRODUCT SPEC	108-2364		
				APPLICATION SPEC	114-13120	SIZE	
				WEIGHT	-		
				CUSTOMER DRAWING	SCALE	2:1	SHEET
						1	OF
						3	REV
						A	

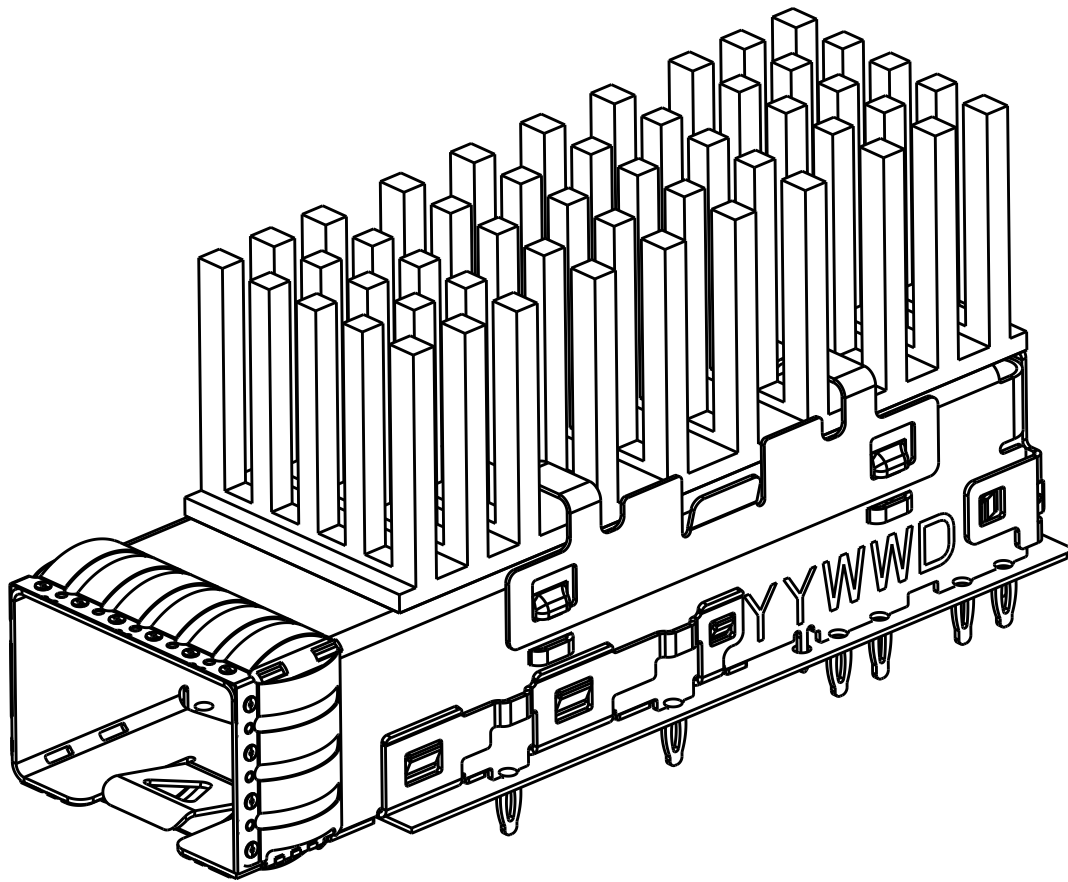
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1		-	-



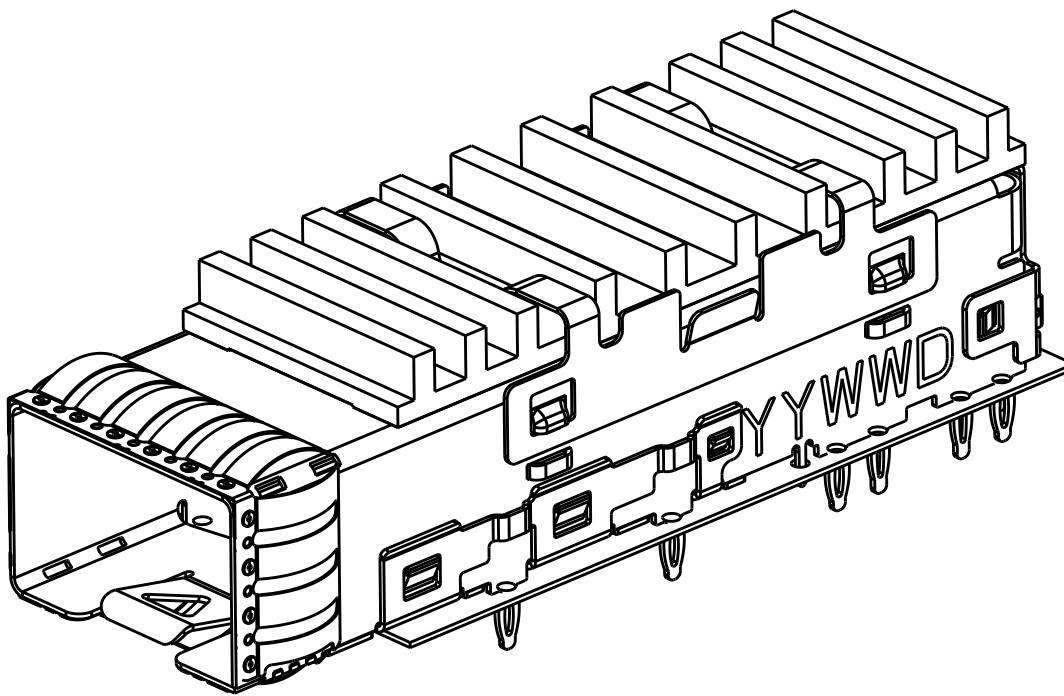
2297033-1
SCALE 3:1



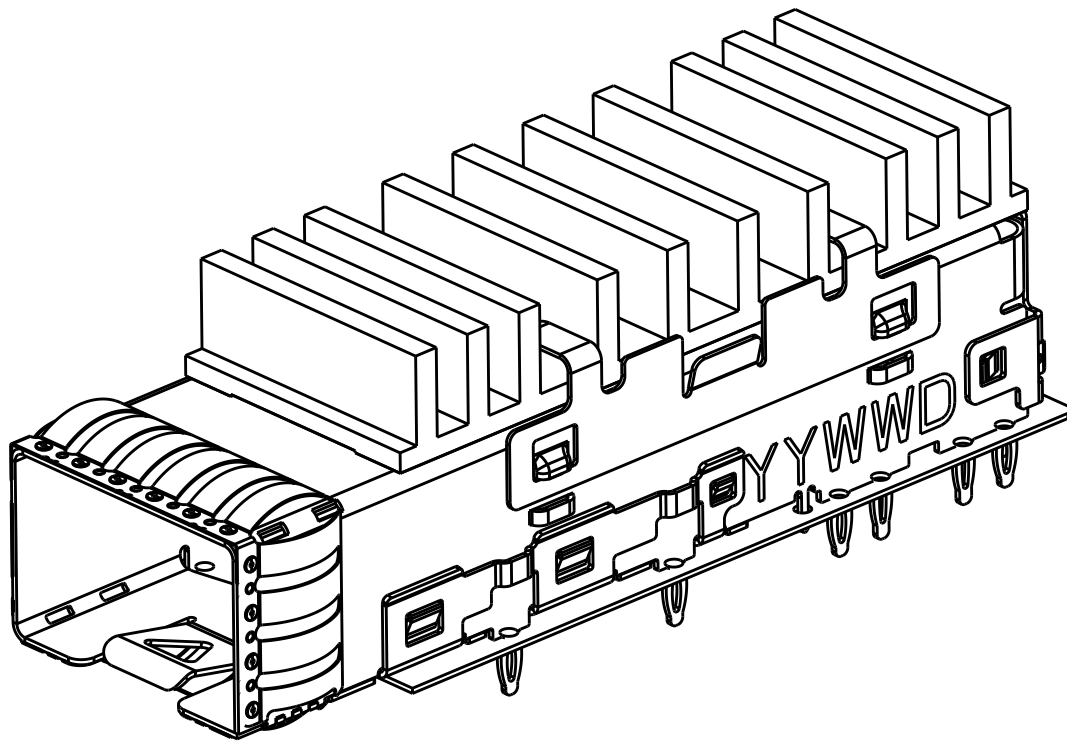
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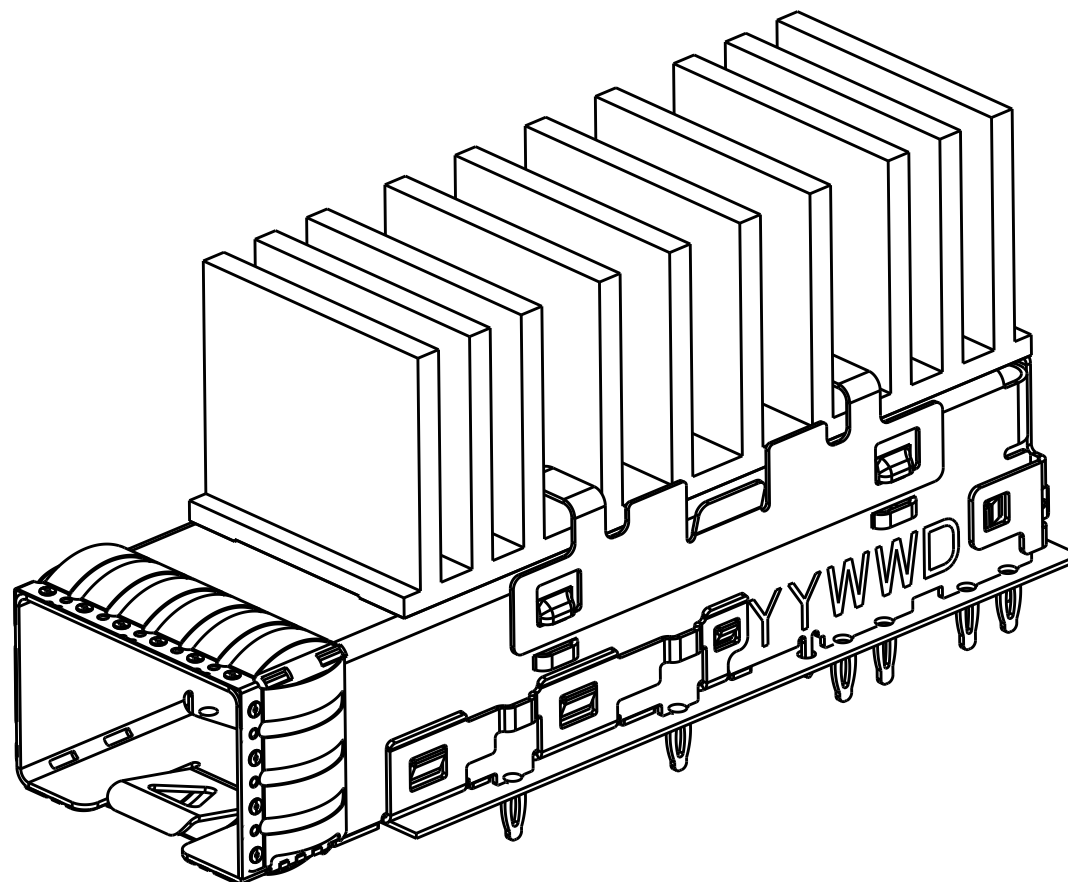
2297033-3
SCALE 3:1



2297033-4
SCALE 3:1



2297033-5
SCALE 3:1



2297033-6
SCALE 3:1

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 ±0.5°

FINISH

MATERIAL

-

DWN: LEO LI 10OCT2016

CHK: SEAN HAN 10OCT2016

APVD: SEAN HAN 10OCT2016

PRODUCT SPEC

108-2364

APPLICATION SPEC

114-13120

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME: ZSFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT STANDARD, EMI SPRINGS, HEAT SINK

SIZE: A1

CAGE CODE: 00779

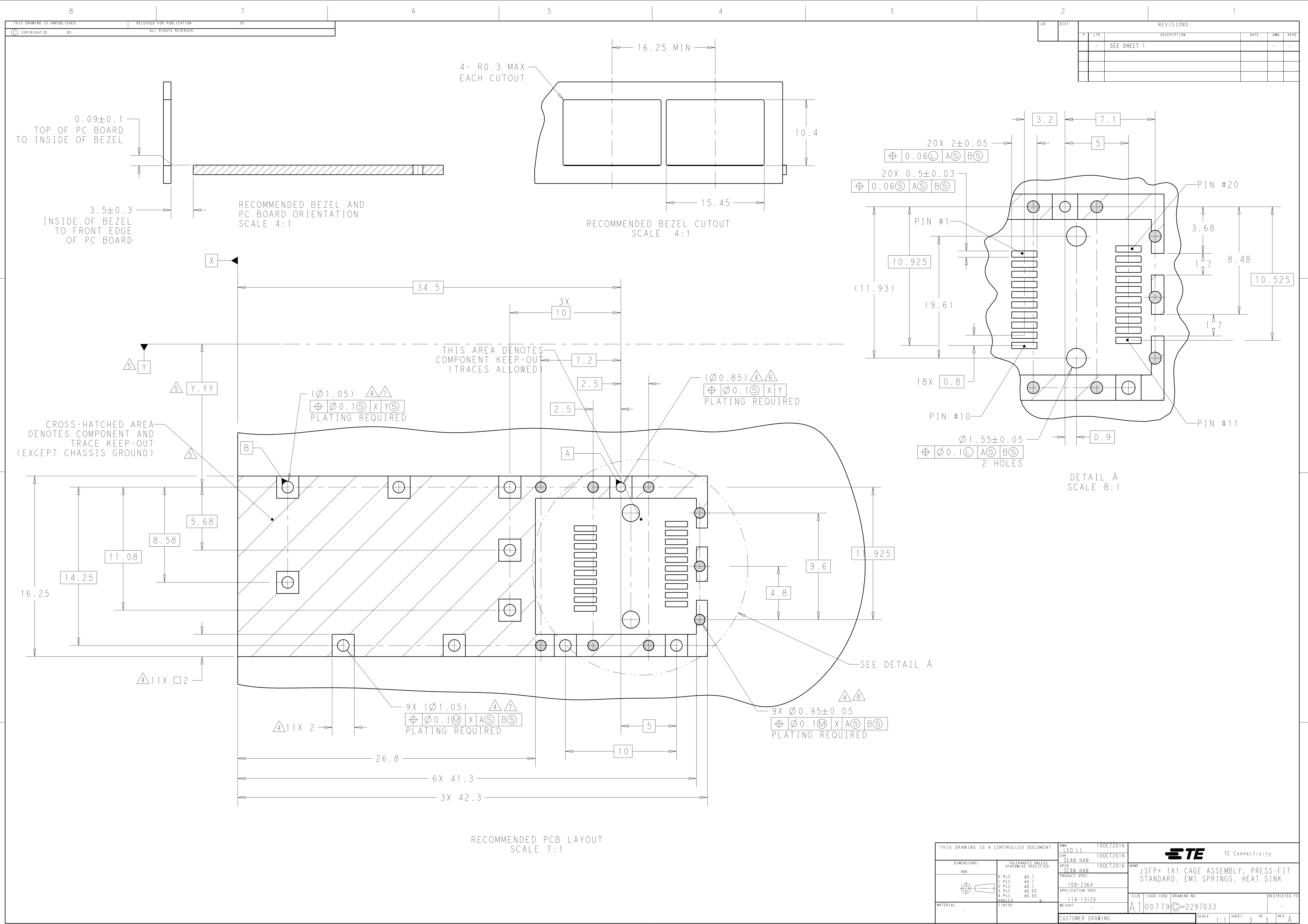
DRAWING NO: C=2297033

RESTRICTED TO: -

SCALE: 3:1

SHEET: 2 OF 3

REV: A



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	10OCT2016	TE Connectivity			
		CHK	10OCT2016				
DIMENSIONS:		APVD	10OCT2016	NAME			
mm		PRODUCT SPEC		zSFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT STANDARD, EMI SPRINGS, HEAT SINK			
		APPLICATION SPEC		SIZE			
		WEIGHT		A100779C=2297033			
MATERIAL		FINISH		CUSTOMER DRAWING			
				SCALE 1:1 SHEET 3 OF 3 REV A			