



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

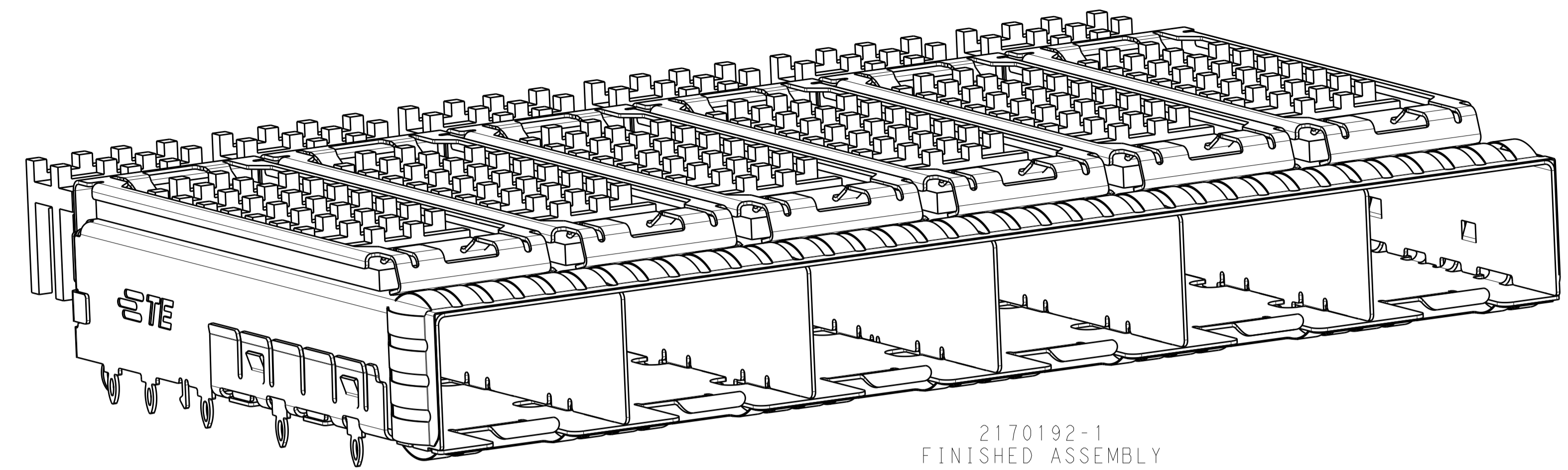
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

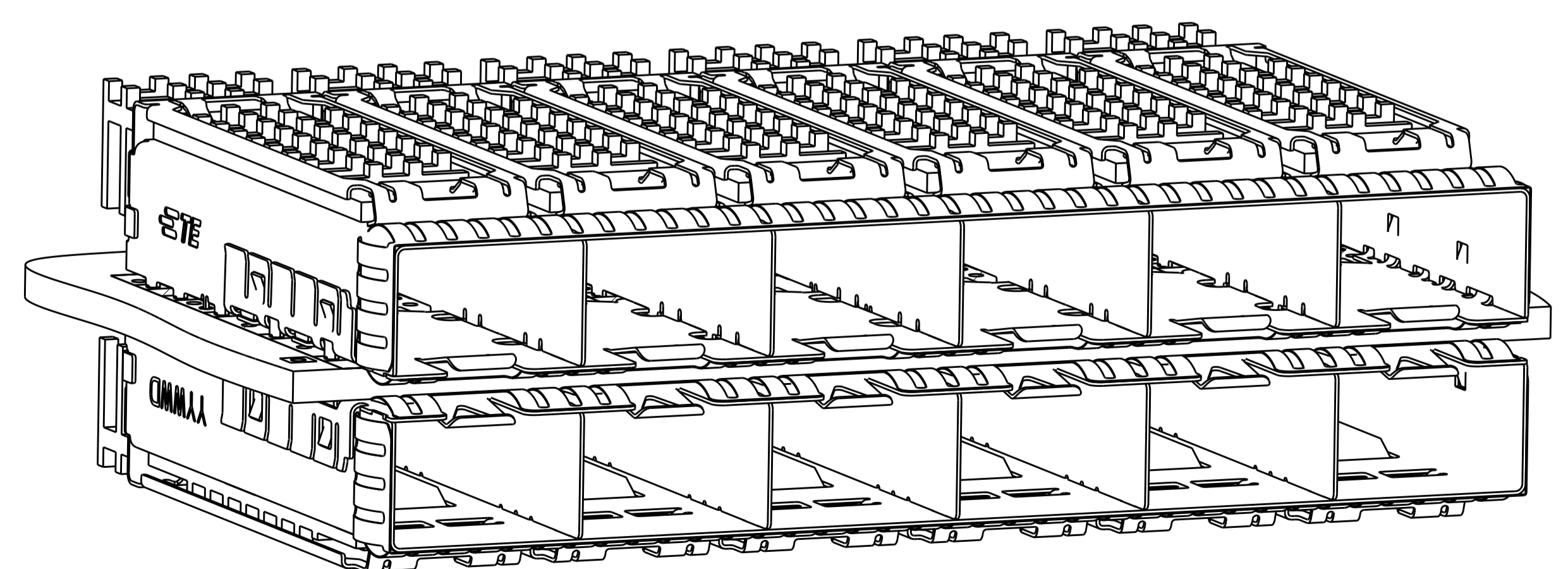
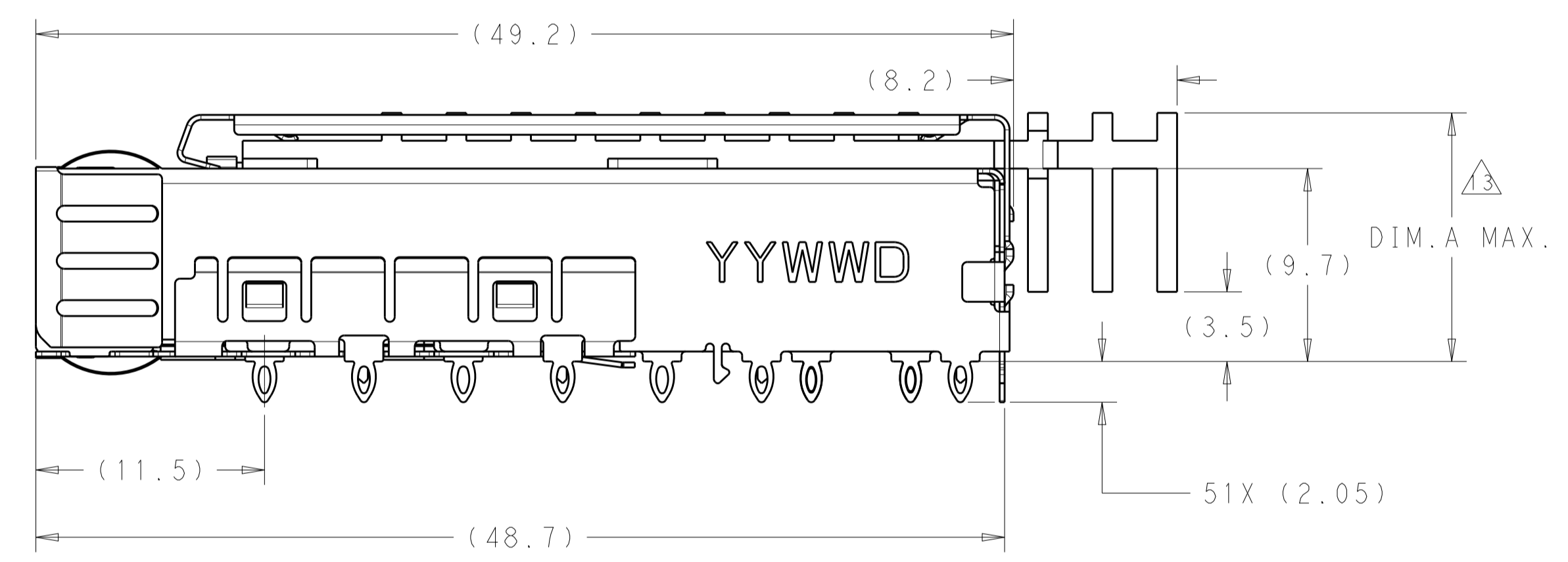
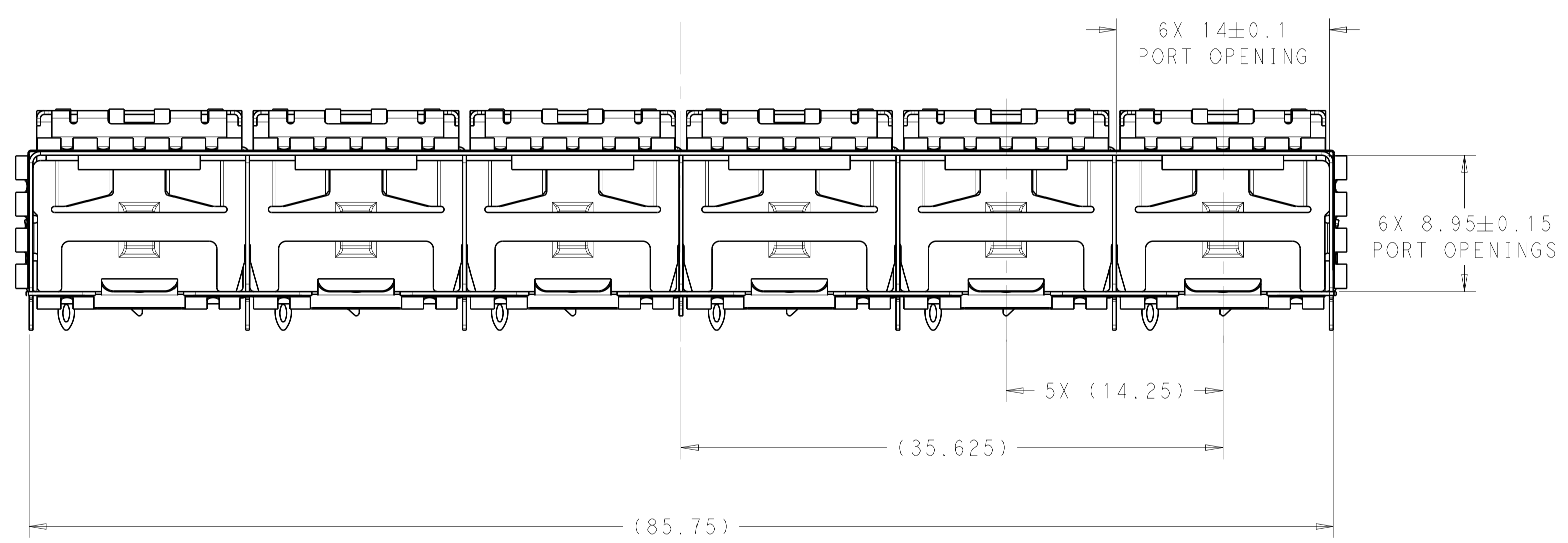


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	10AUG2015	JW	SH



2170192-1
FINISHED ASSEMBLY
SCALE 4:1

- 1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM
- 2 FINISH:
SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE. NON-PLATED EDGES PERMISSIBLE.
HEATSINK CLIP: PASSIVATE
2170192-1/-2 HEATSINK: HARD ANODIC COATING
2170192-3 HEATSINK: BLACK ANODIZE
- 3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 4 PADS AND VIAS CHASSIS GROUND.
- 5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- 6 MINIMUM PCB BOARD THICKNESS:
SINGLE SIDED = 1.50
DOUBLE SIDED = 2.25
- 7 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- 8 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 9 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 10 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 11. CERTAIN MATING TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.
- 12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
- 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



2170192-1
MOUNTED BELLY TO BELLY ON PCB
SCALE 3:1

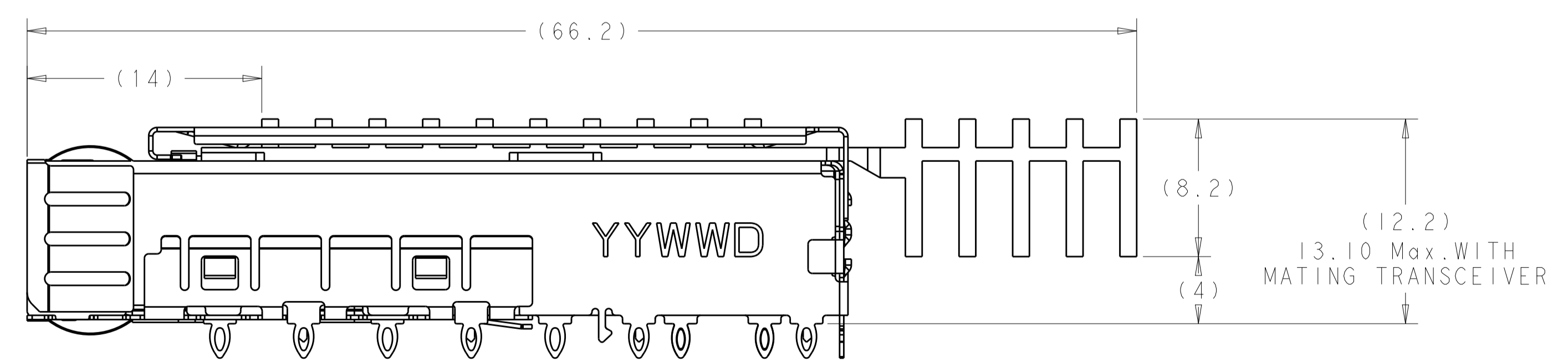
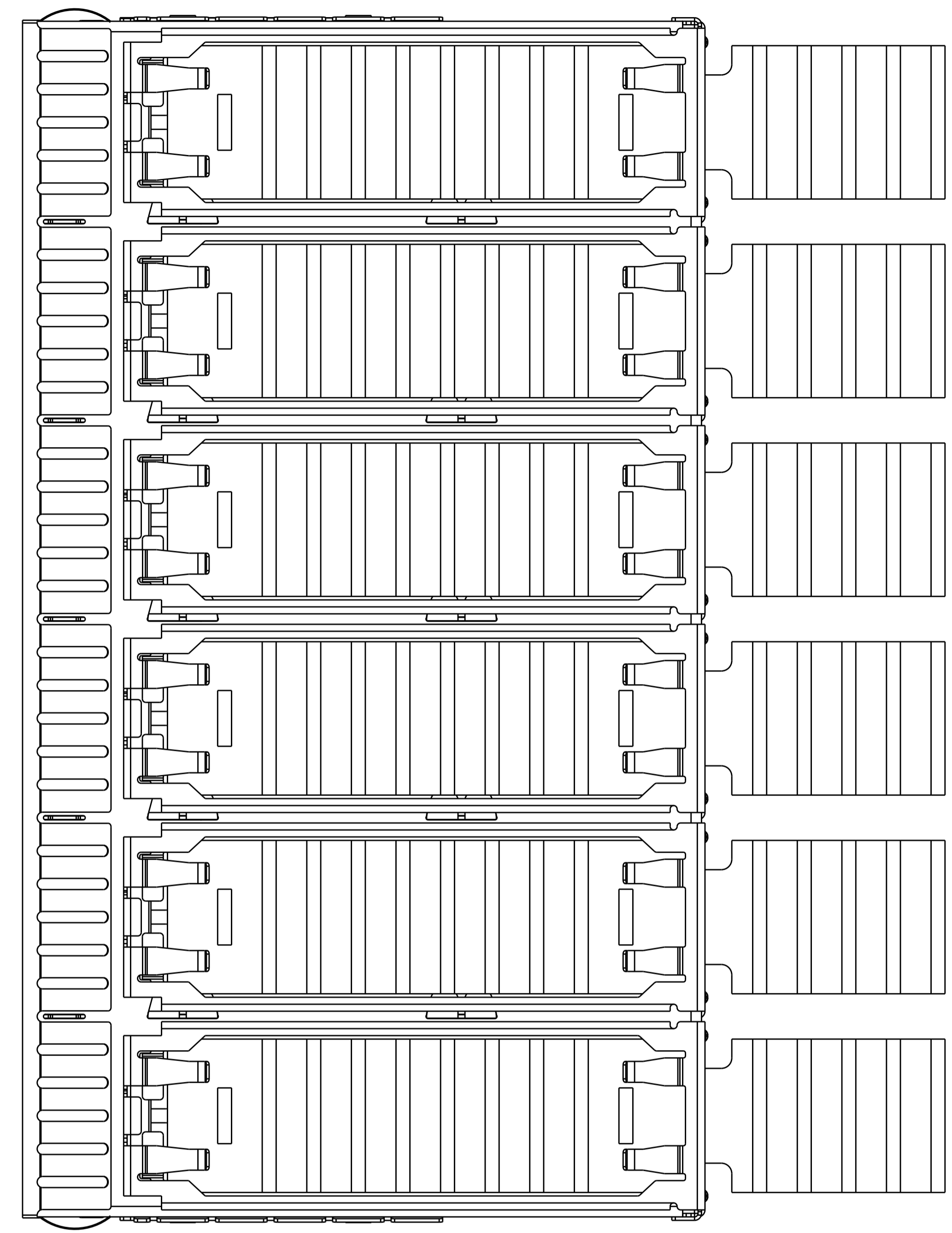
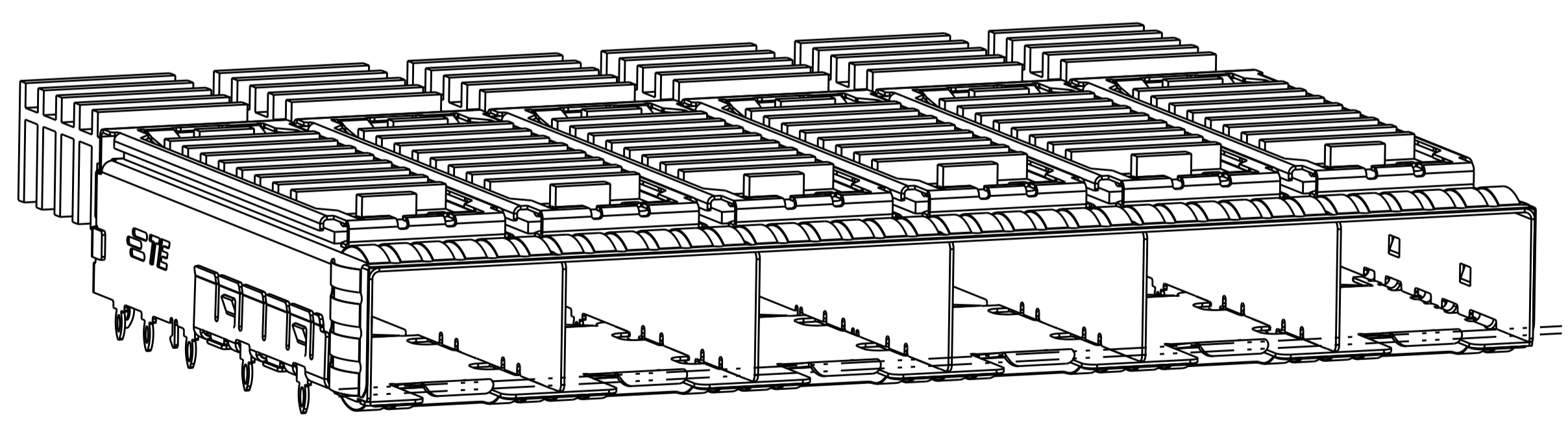
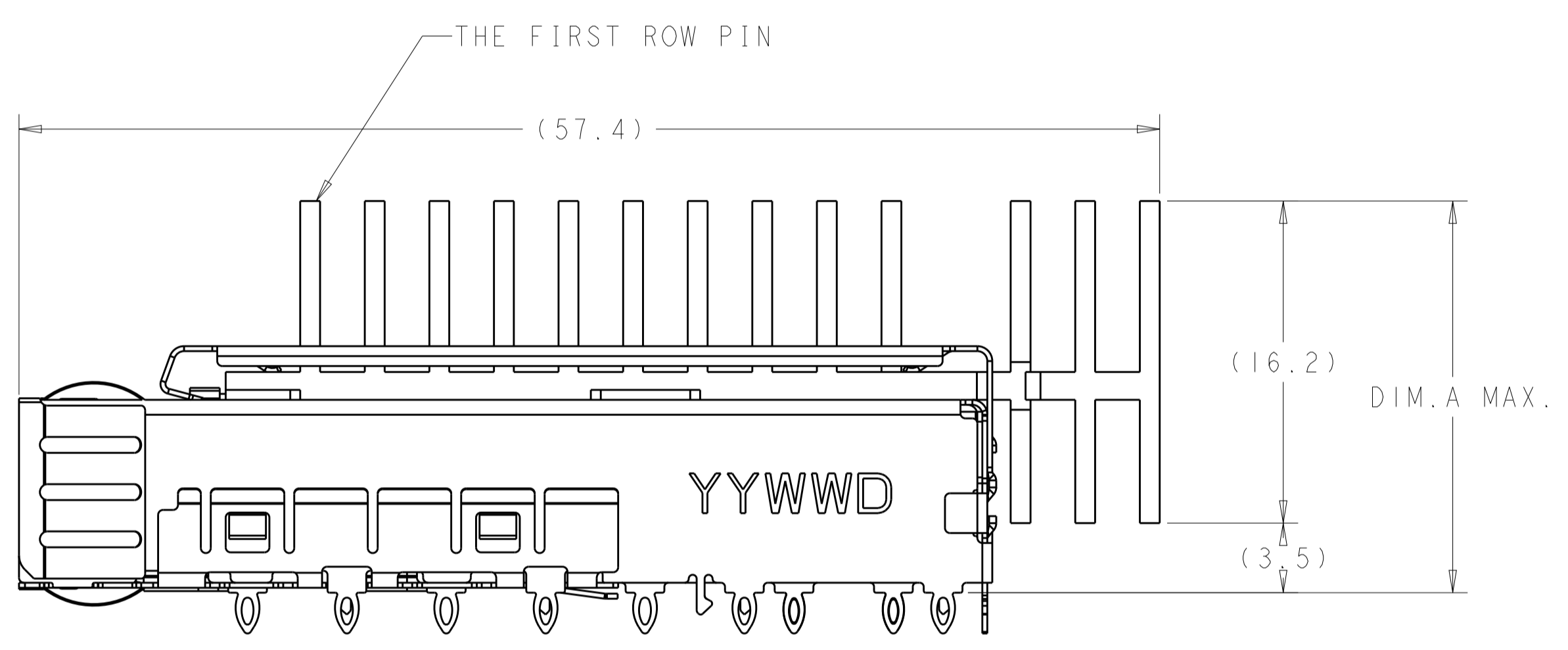
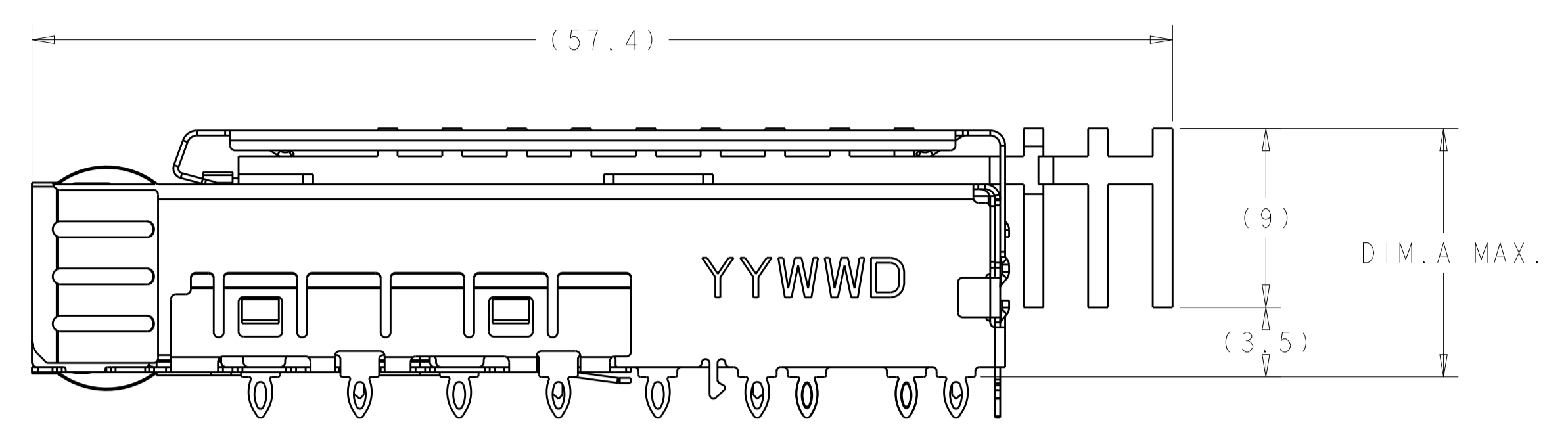
PRELIMINARY

DESCRIPTION	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
HEAT SINK W/ THE FIRST ROW PIN	13.10 MAX.(WORKING)		22NOV2011	
HEAT SINK W/ THE FIRST ROW PIN	20.2 MAX		22NOV2011	
HEAT SINK W/O THE FIRST ROW PIN	13 MAX		22NOV2011	
HEAT SINK	A			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: TIM XUE 22NOV2011	TE Connectivity
mm	0 PLC ±0.25	CHK: ALEX CAI 22NOV2011	
	1 PLC ±0.20	APVD: ALEX CAI 22NOV2011	
	2 PLC ±0.15	PRODUCT SPEC: 108-2364	
	3 PLC ±0.1	APPLICATION SPEC: 114-13120	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
	4 PLC ±0.1	WEIGHT: -	SIZE: A1
	ANGLES ±1*	Customer Drawing	SCALE: 4:1 SHEET 1 OF 5 REV A

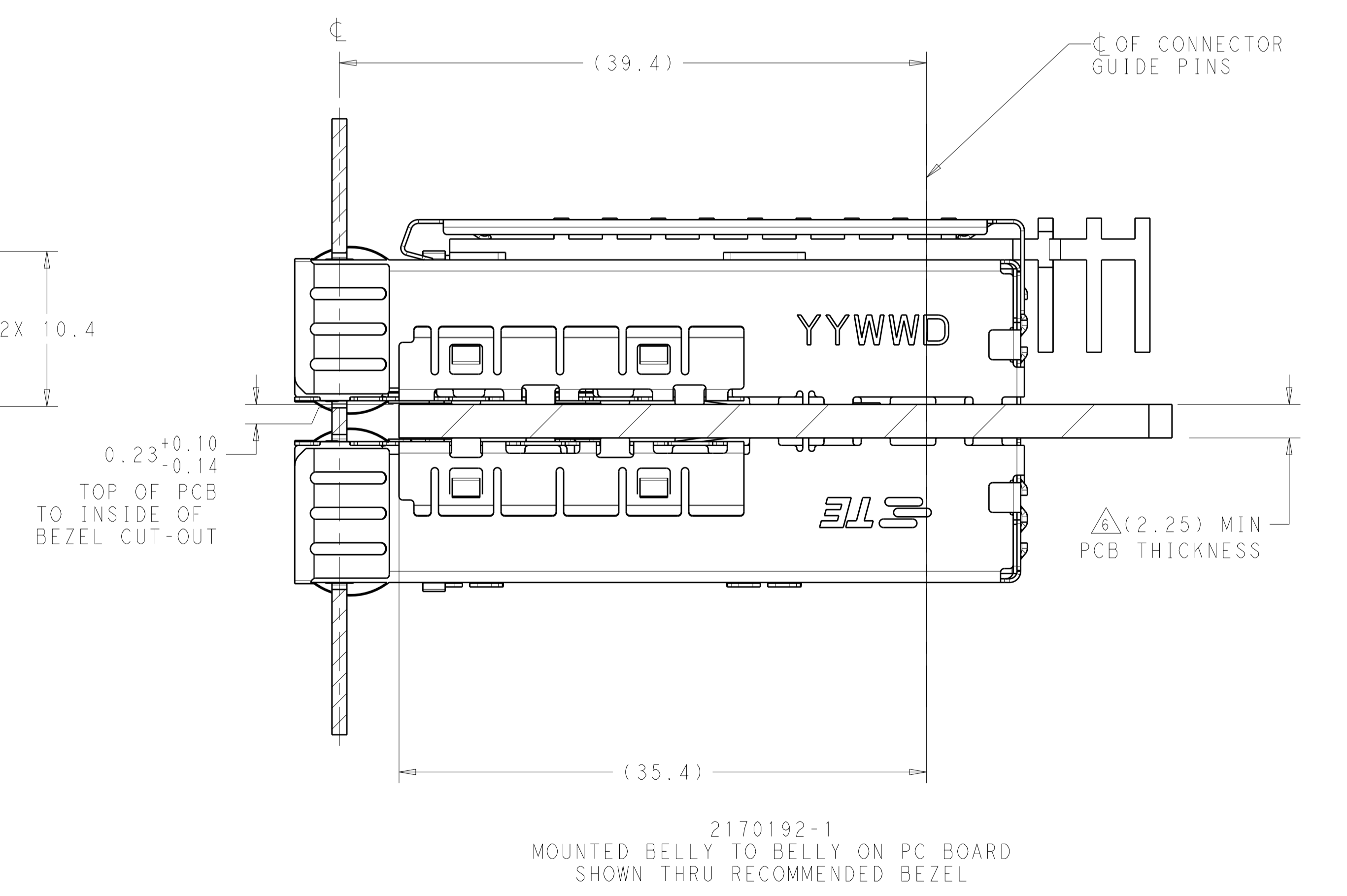
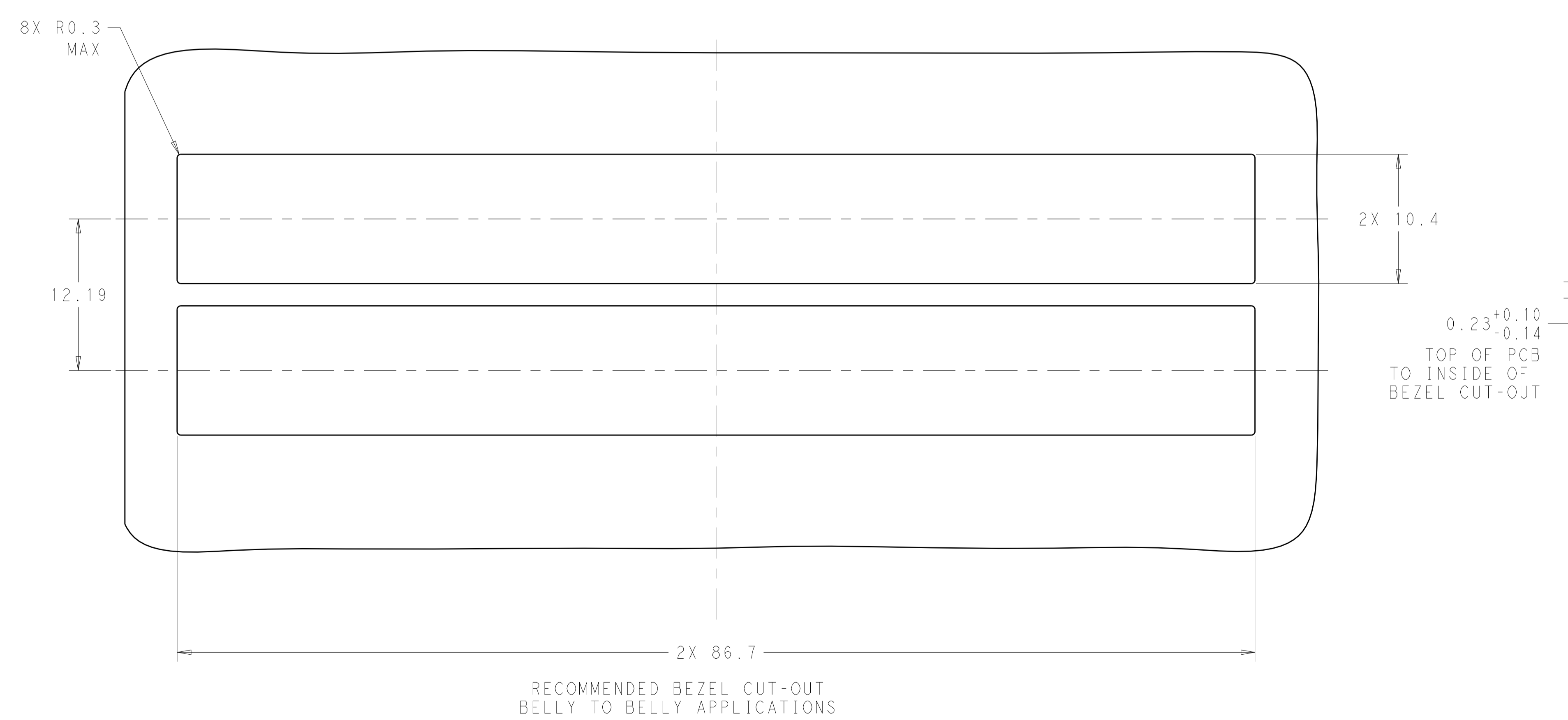
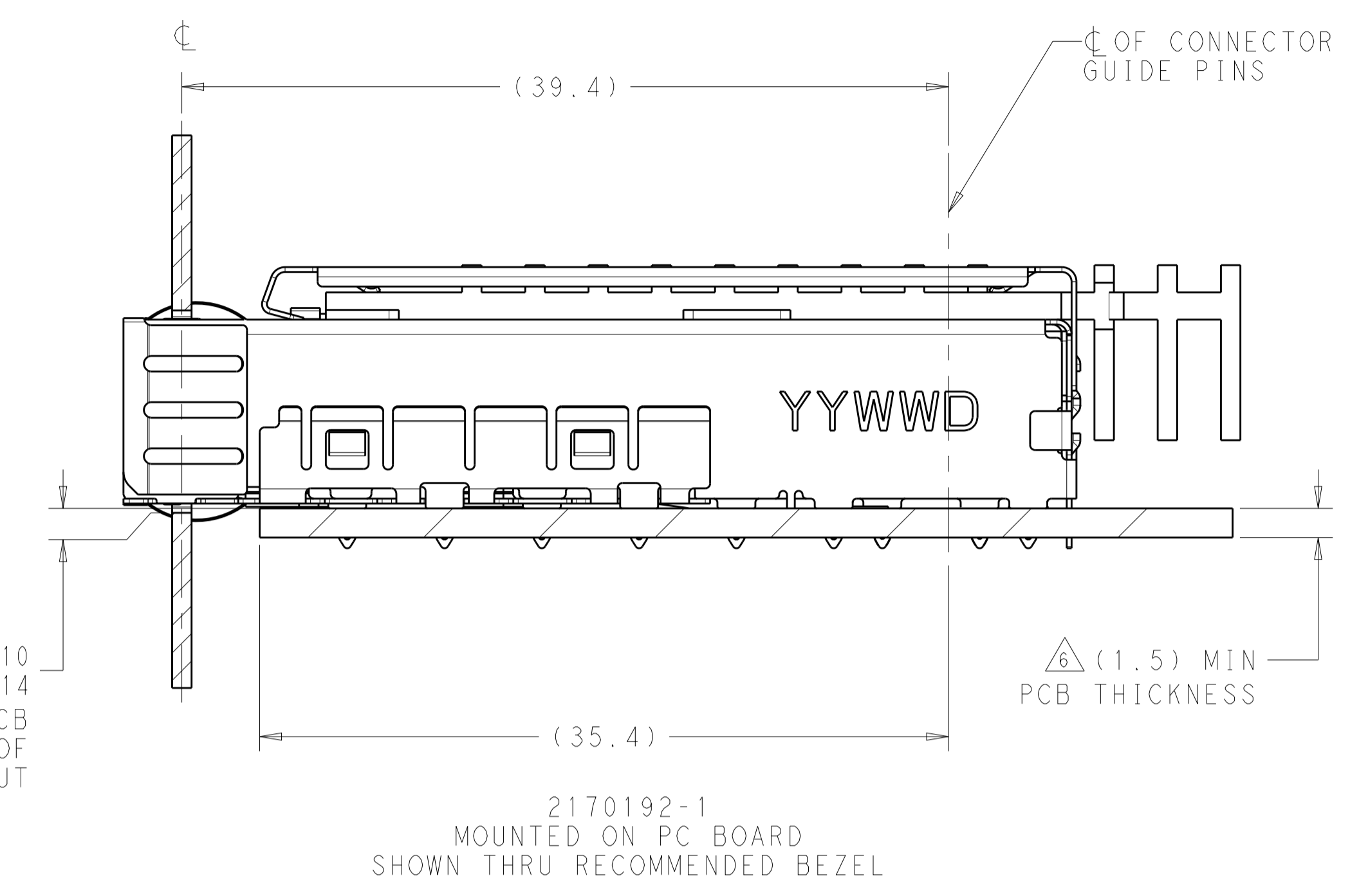
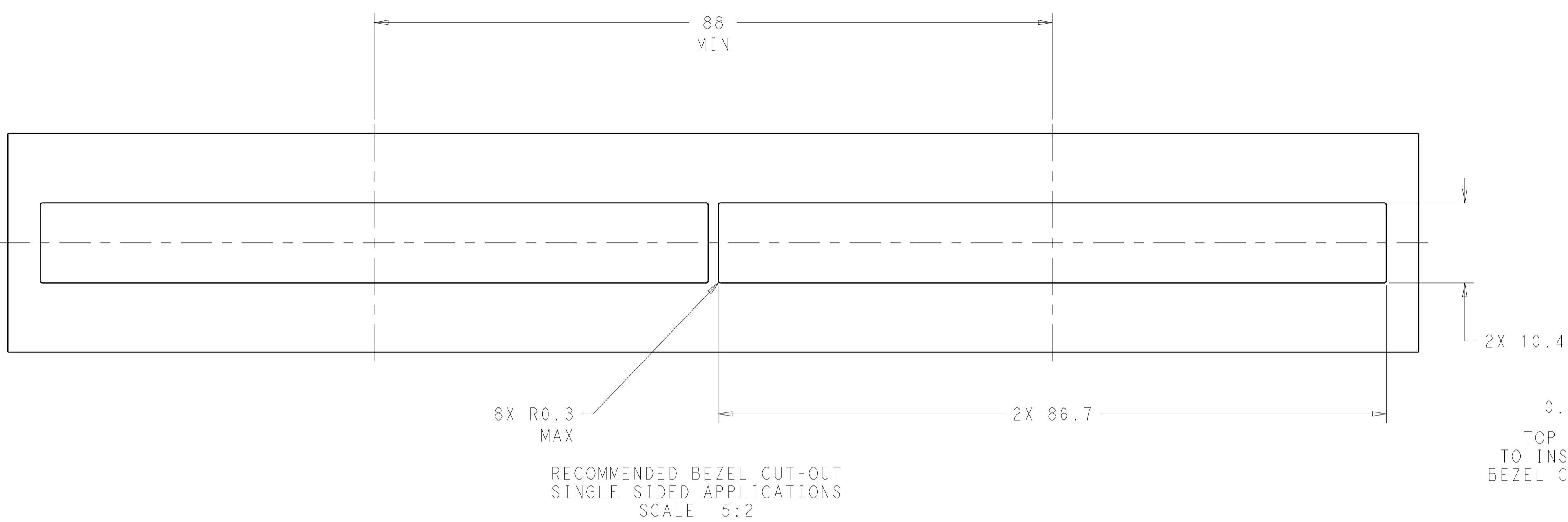
LOC		DIST		REVISIONS			
GP	00	P	LYN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 22NOV2011	STE TE Connectivity
DIMENSIONS:		CHK: ALEX CAI 22NOV2011	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: ALEX CAI 22NOV2011	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
	0 PLC ±0.25	PRODUCT SPEC: 108-2364	
	1 PLC ±0.20	APPLICATION SPEC: 114-13120	SIZE: A100779C=2170192
	2 PLC ±0.15	WEIGHT: -	RESTRICTED TO: -
	3 PLC ±0.1	Customer Drawing	SCALE: 4:1 SHEET 2 OF 5 REV A
	4 PLC ±0.1		
	ANGLES ±0.1		
MATERIAL:	FINISH: #1*		

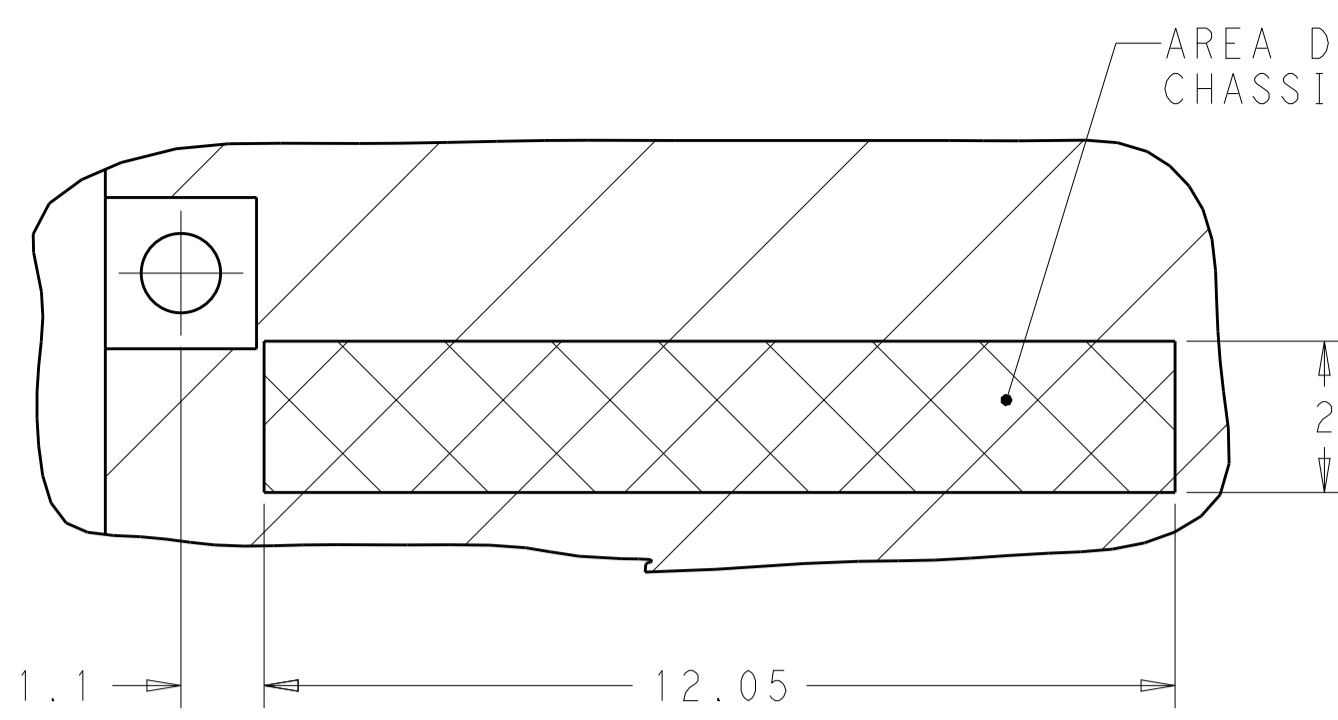
LOC	DIST	REV	DATE	BY	APPV
GP	00				

REVISIONS		DATE	BY	APPV
	SEE SHEET 1			

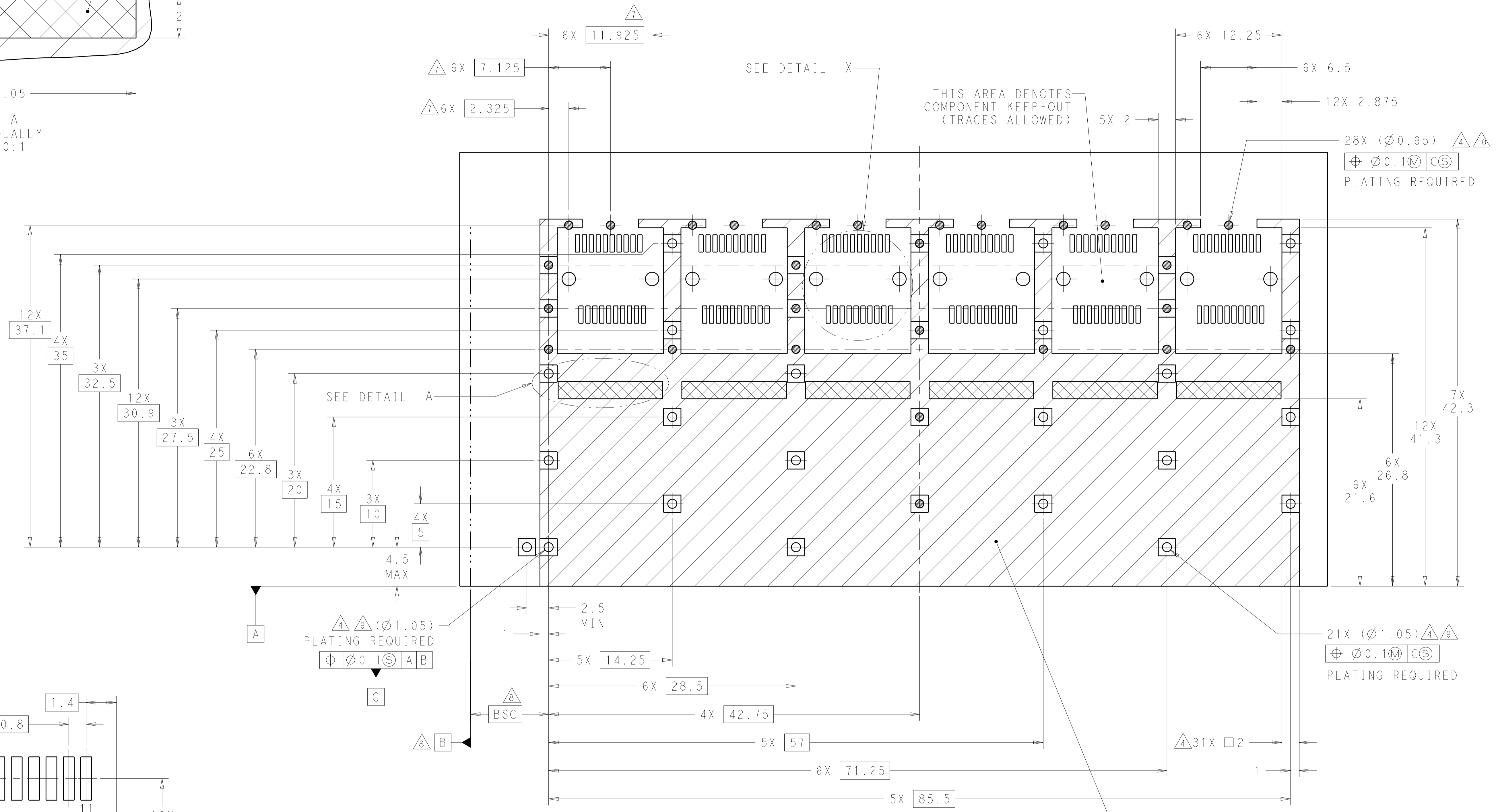


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 22NOV2011	STE TE Connectivity
DIMENSIONS: mm		CHK: ALEX CAI 22NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: ALEX CAI 22NOV2011	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
0 PLC ±0.25		PRODUCT SPEC: 108-2364	
1 PLC ±0.20		APPLICATION SPEC: 114-13120	SIZE: A100779C=2170192
2 PLC ±0.15		WEIGHT: -	
3 PLC ±0.1		Customer Drawing	SCALE: 4:1
4 PLC ±0.1			SHEET 3 OF 5
ANGLES ±0.1			REV A
FINISH: #1*			

LOC	DIST	REV	DATE	APPD
GP	00			
		DESCRIPTION	DATE	OWN
		SEE SHEET 1		



DETAIL A
6X INDIVIDUALLY
SCALE 10:1

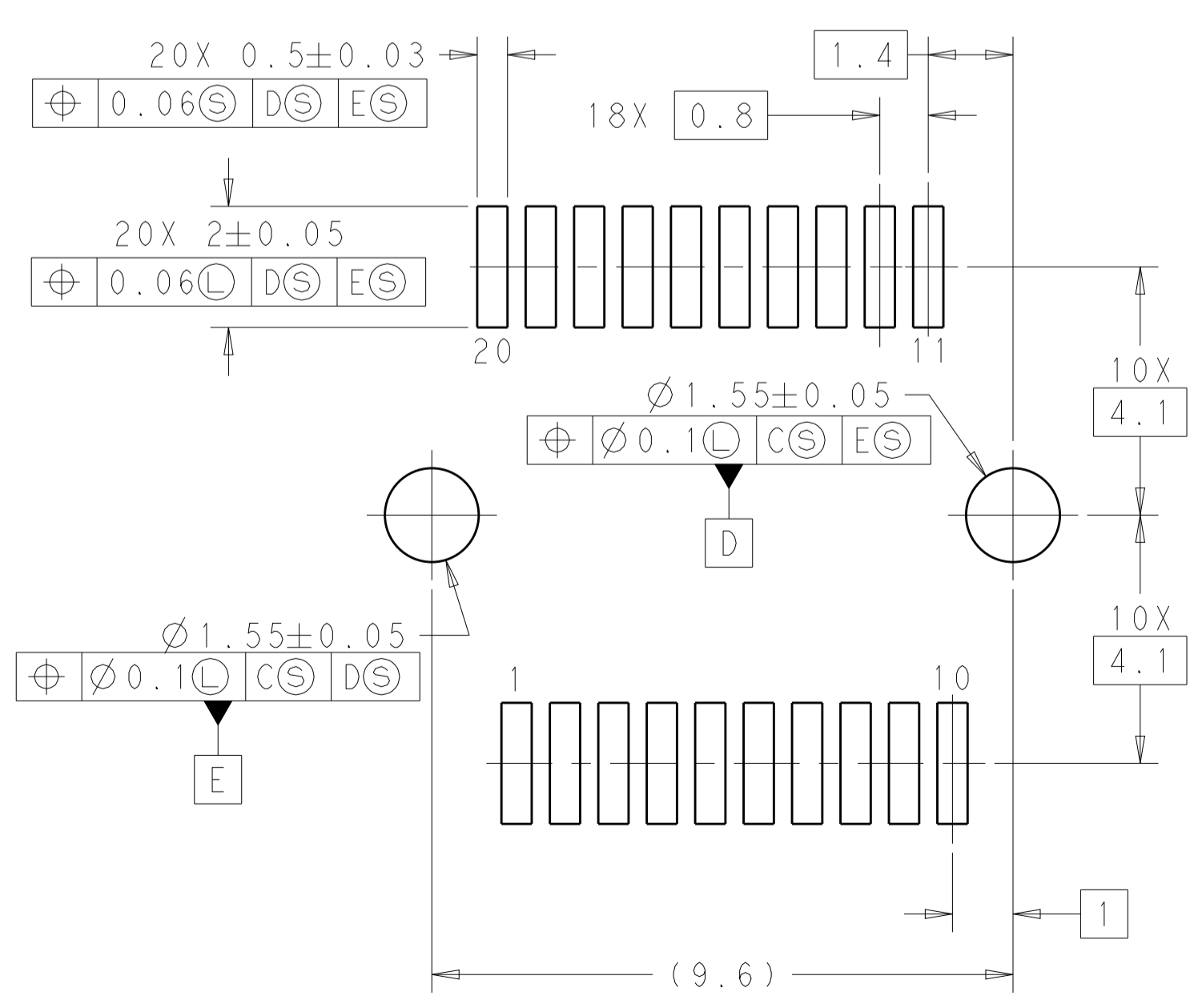


4 (Ø1.05) PLATING REQUIRED
 $\oplus \oplus \ominus \oplus$ Ø0.1 (A) (B)

21X (Ø1.05) PLATING REQUIRED
 $\oplus \oplus \ominus \oplus$ Ø0.1 (C) (S) (E) (S)

RECOMMENDED PCB CONFIGURATION
 WITH KEEP-OUT AREAS
 SINGLE SIDED APPLICATIONS
 SCALE 4:1

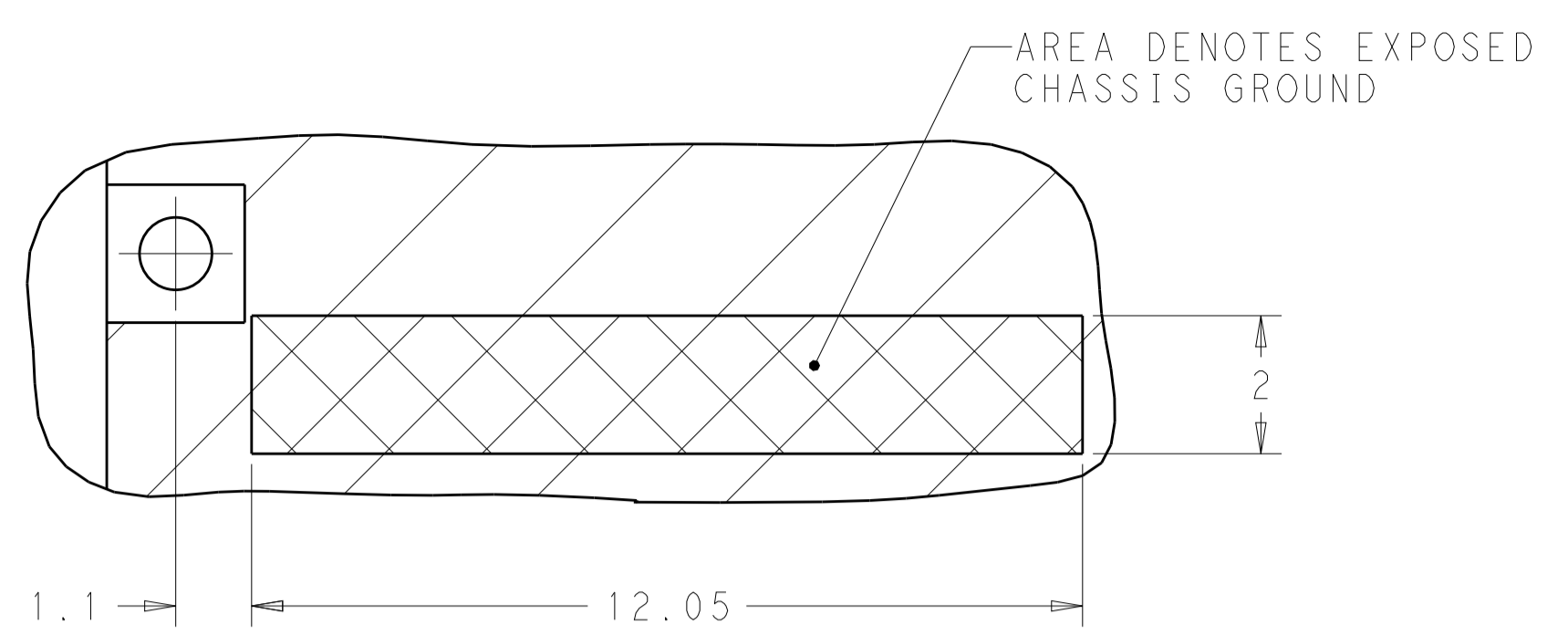
CROSS-HATCHED AREA
 DENOTES COMPONENT
 AND TRACE KEEP-OUT
 (EXCEPT CHASSIS
 GROUND)



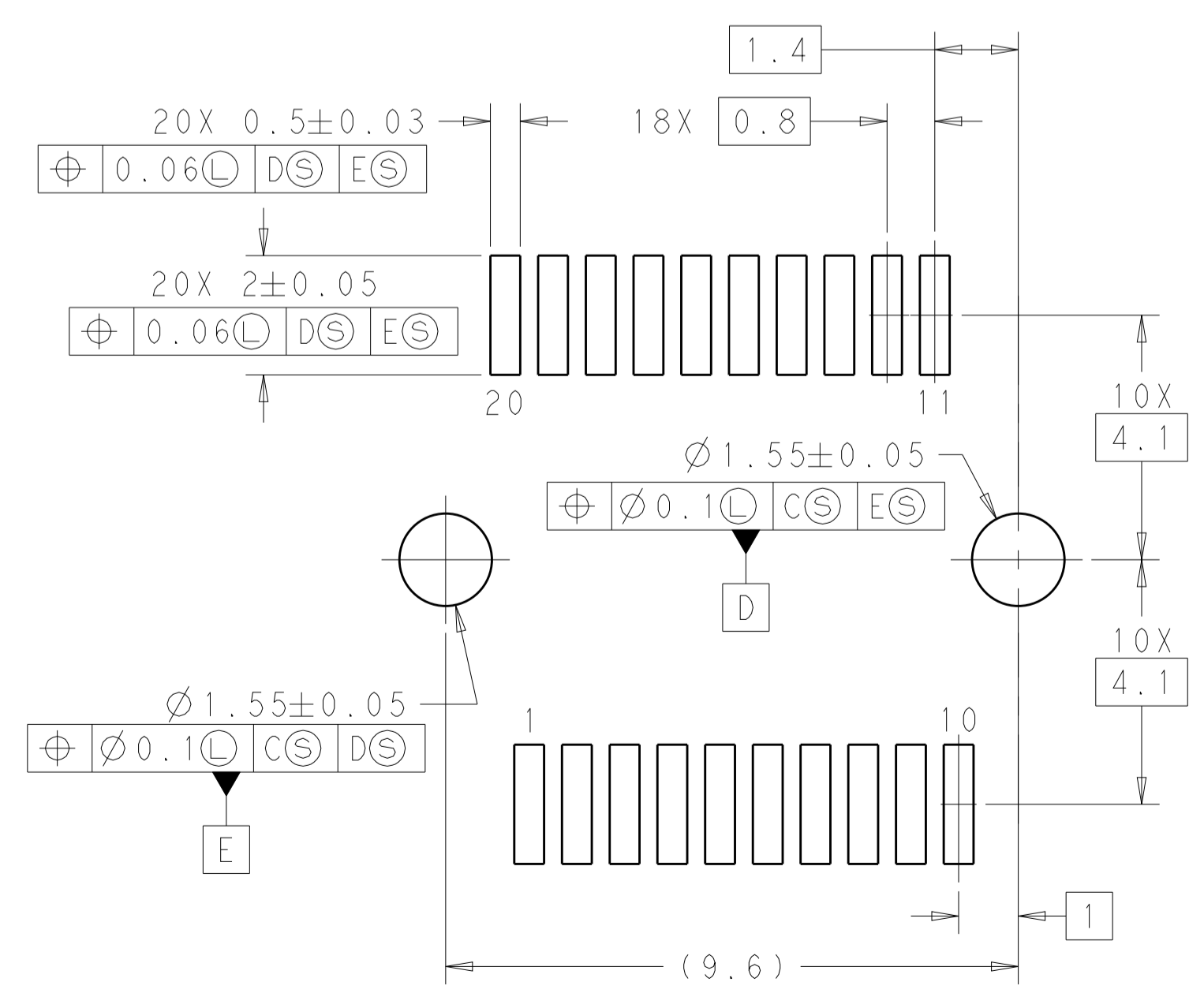
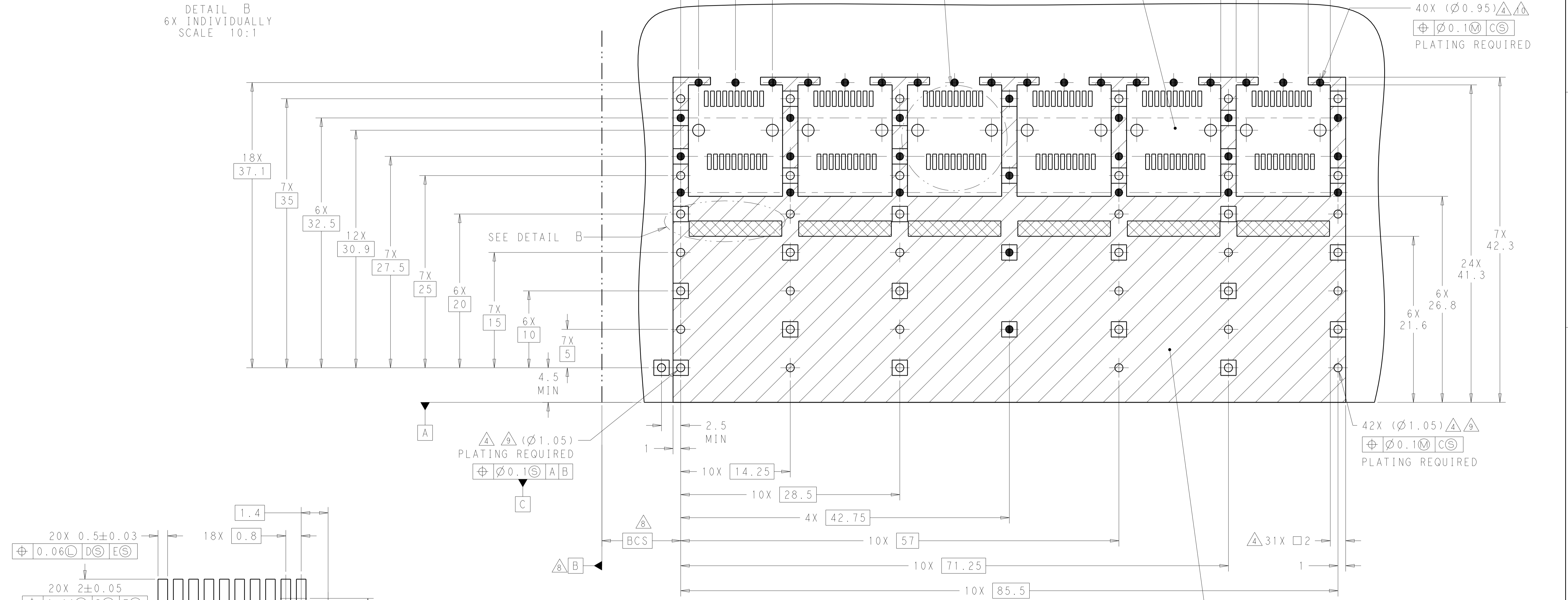
DETAIL X
RECOMMENDED PT CONNECTOR LAYOUT
6X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 22NOV2011 CHK: ALEX CAI 22NOV2011 APPD: ALEX CAI 22NOV2011	TE Connectivity
DIMENSIONS: mm		PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 WEIGHT: -	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC ±0.25 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK SIZE: CAGE CODE DRAWING NO: A100779C=2170192 RESTRICTED TO: -
MATERIAL: \triangle		FINISH: -	SCALE: 4:1 SHEET 4 OF 5 REV A

LOC	DIST	REV	DATE	APPD	REVISED
GP	00				
					SEE SHEET 1



DETAIL B
6X INDIVIDUALLY
SCALE 10:1



DETAIL Y
RECOMMENDED PT CONNECTOR LAYOUT
12X INDIVIDUALLY
SCALE 10:1

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 22NOV2011	TE Connectivity
DIMENSIONS: mm		CHK: ALEX CAI 22NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: ALEX CAI 22NOV2011	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120
0 PLC ±0.25 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		SIZE: 114-13120 WEIGHT: - Customer Drawing	
MATERIAL:		FINISH:	RESTRICTED TO: - SCALE: 4:1 SHEET 5 OF 5 REV A