



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

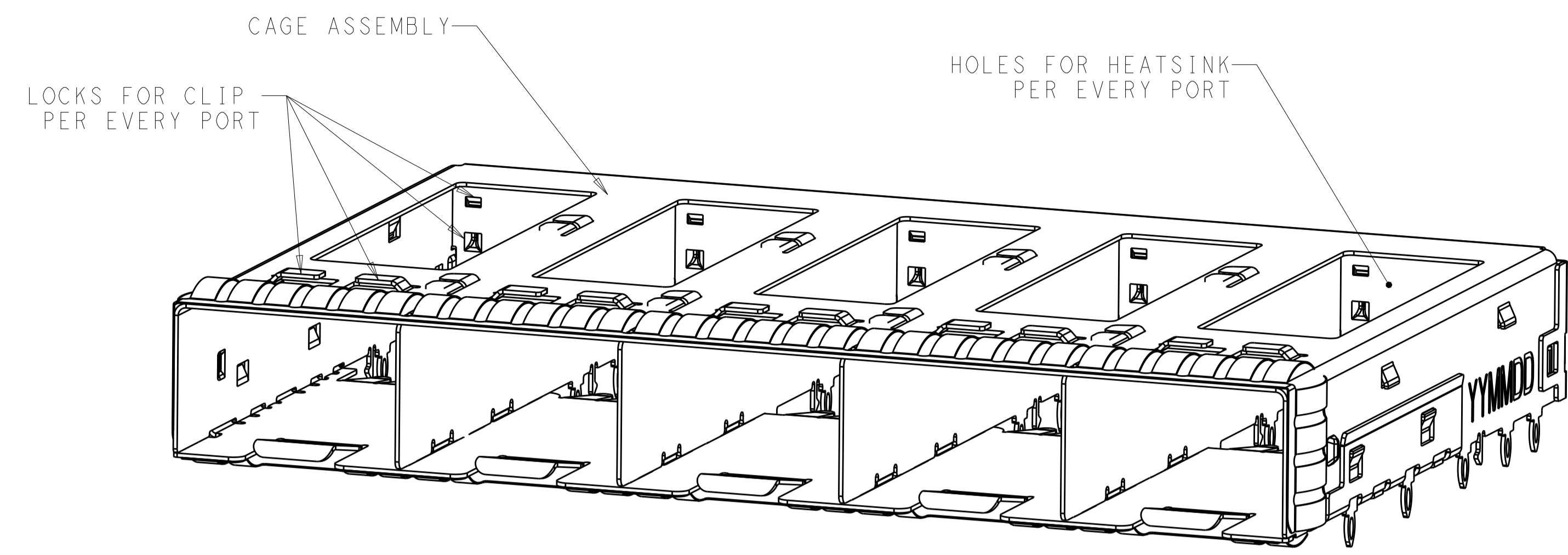
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

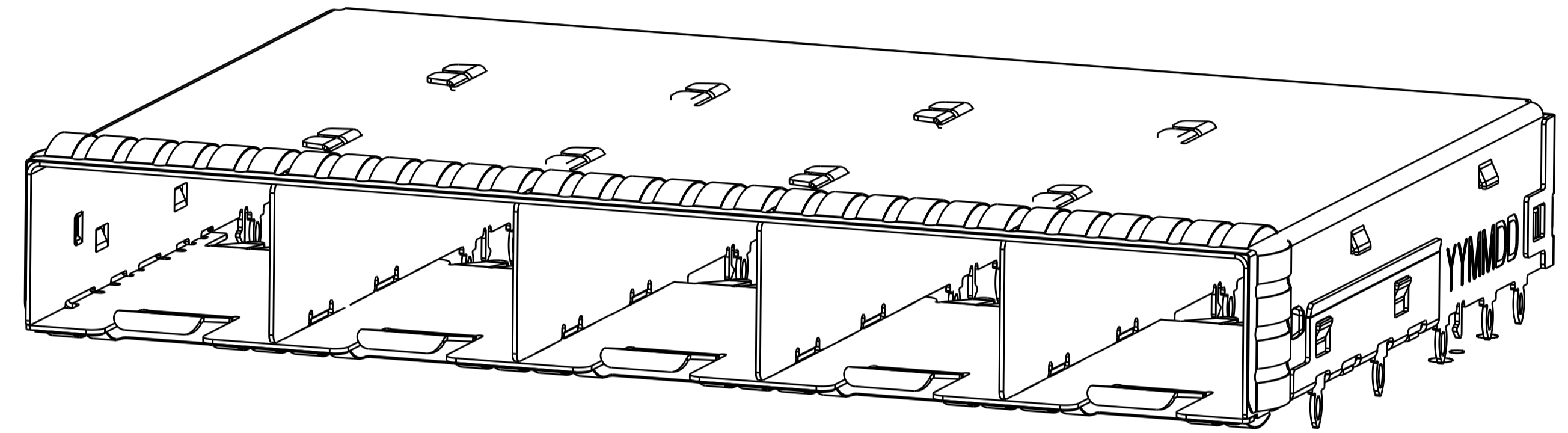
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



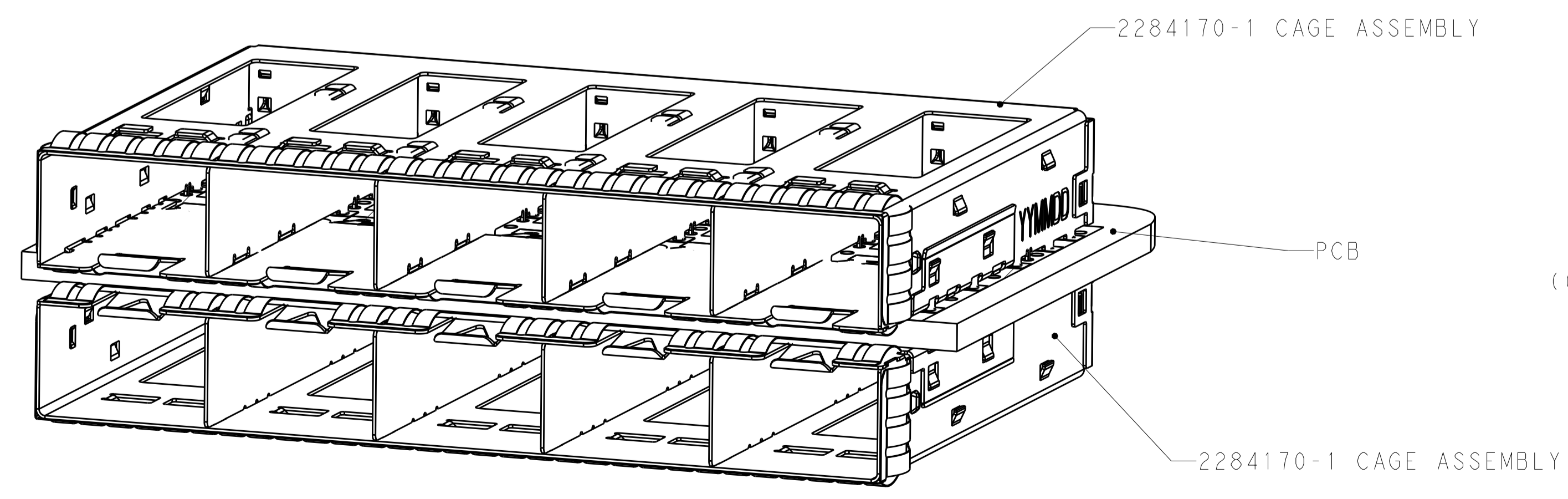
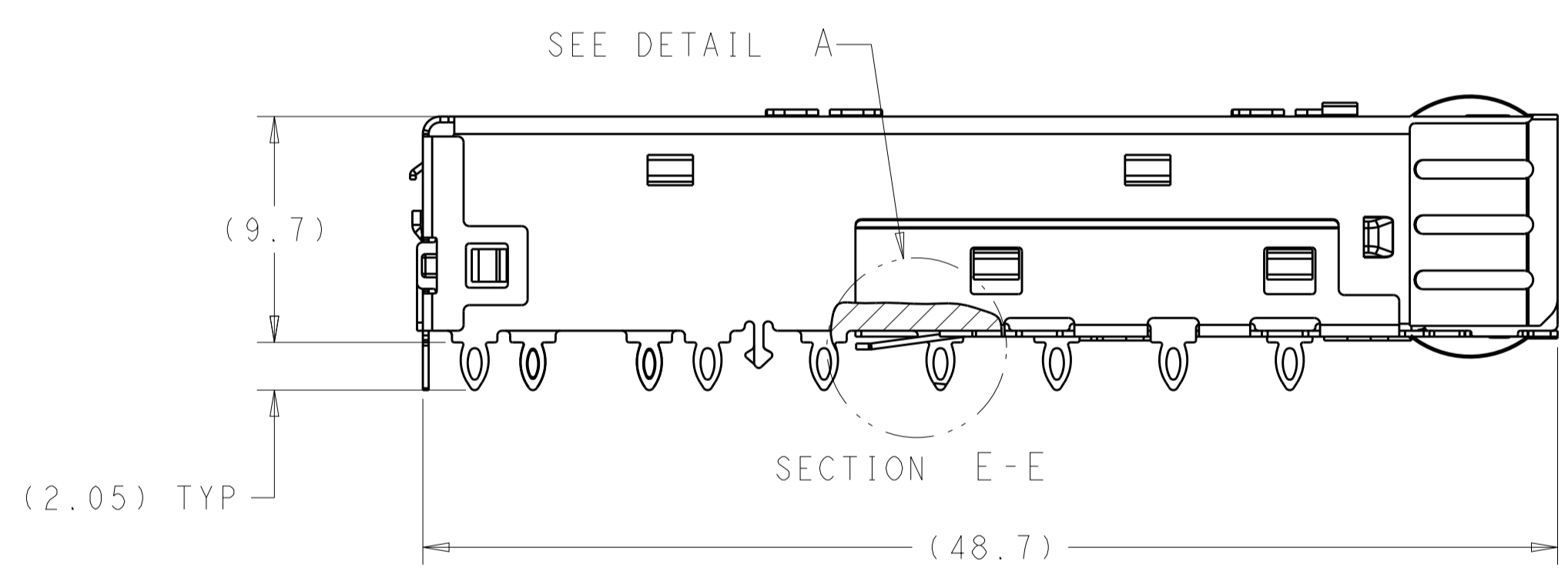
LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	20MAY2015	JW	SH
		A1		ADD DASH-3	23NOV2015	JW	SH



2284170-1  
FINISHED ASSEMBLY



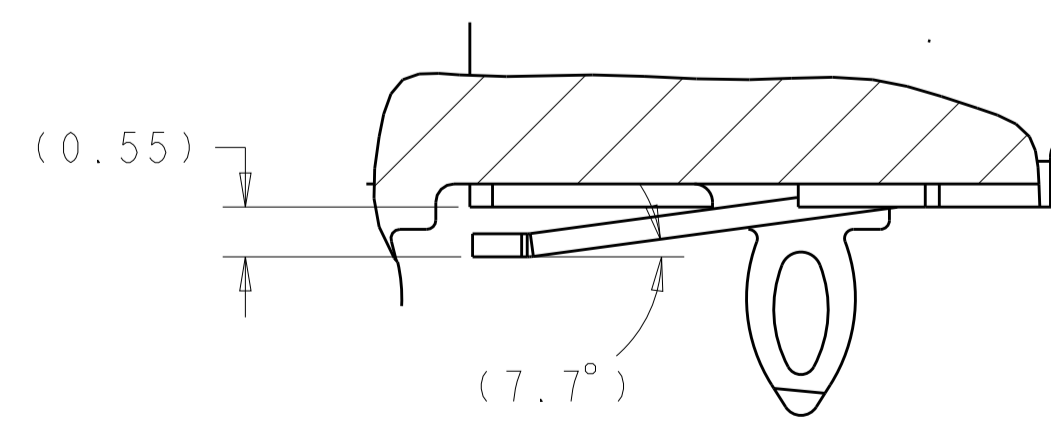
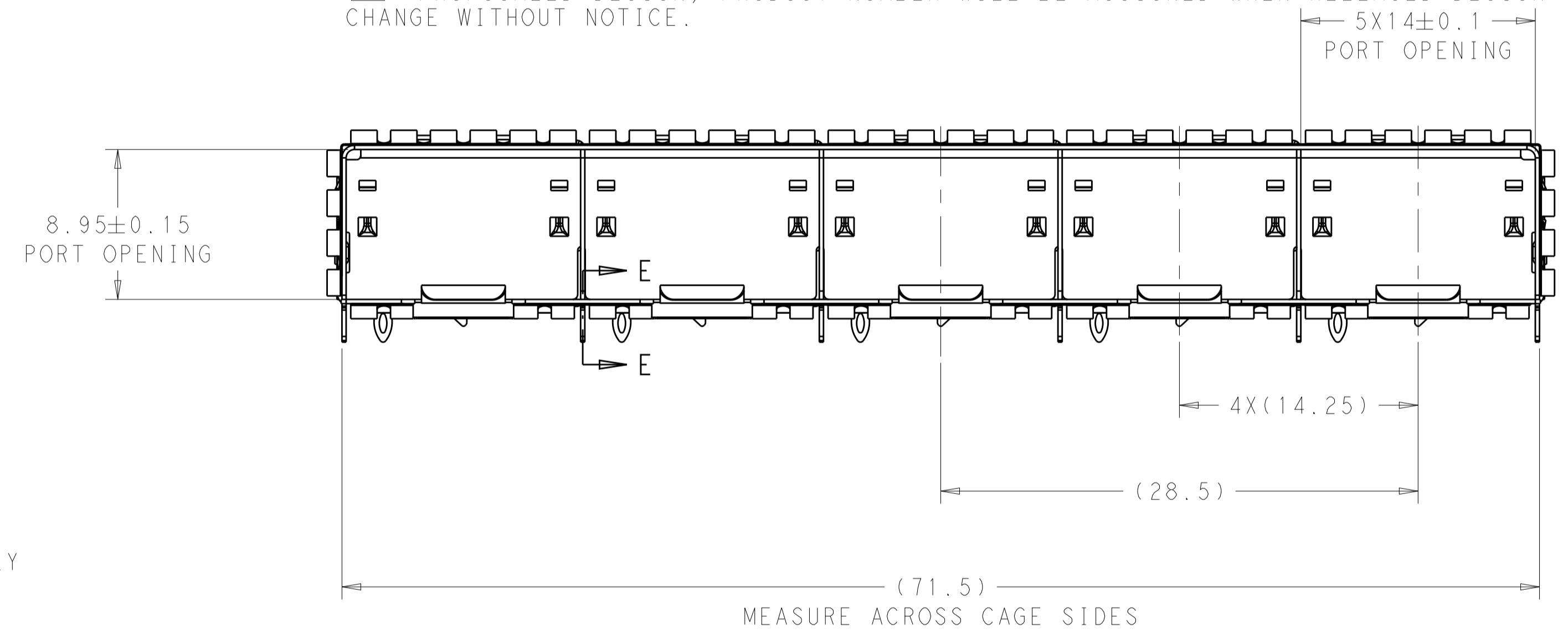
2284170-3  
FINISHED ASSEMBLY



SCALE 3:1

2284170-1  
MOUNTED BELLY TO BELLY ON PCB

- 1. MATERIAL: 0.25mm THICK NICKEL SILVER ALLOY. EMI SPRINGS: COPPER ALLOY.
- 2. FINISH: SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE. NON-PLATED EDGES PERMISSIBLE.
- 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 = 1.45mm  
DOUBLE SIDED = 2.25mm
- 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. PROPOSED DESIGN, PRODUCT NUMBER WILL BE ASSIGNED WHEN RELEASED DESIGN IS SUBJECT OF CHANGE WITHOUT NOTICE.



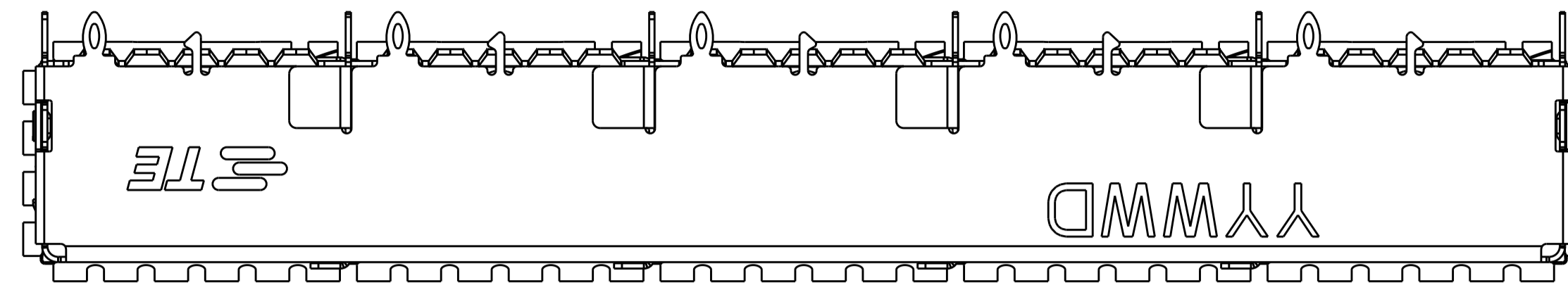
DETAIL A  
25X INDIVIDUALLY  
SCALE 12:1

NO	2284170-3
YES	2284170-1
HOLES FOR HEATSINK LOCKS FOR CLIP	PART NUMBER

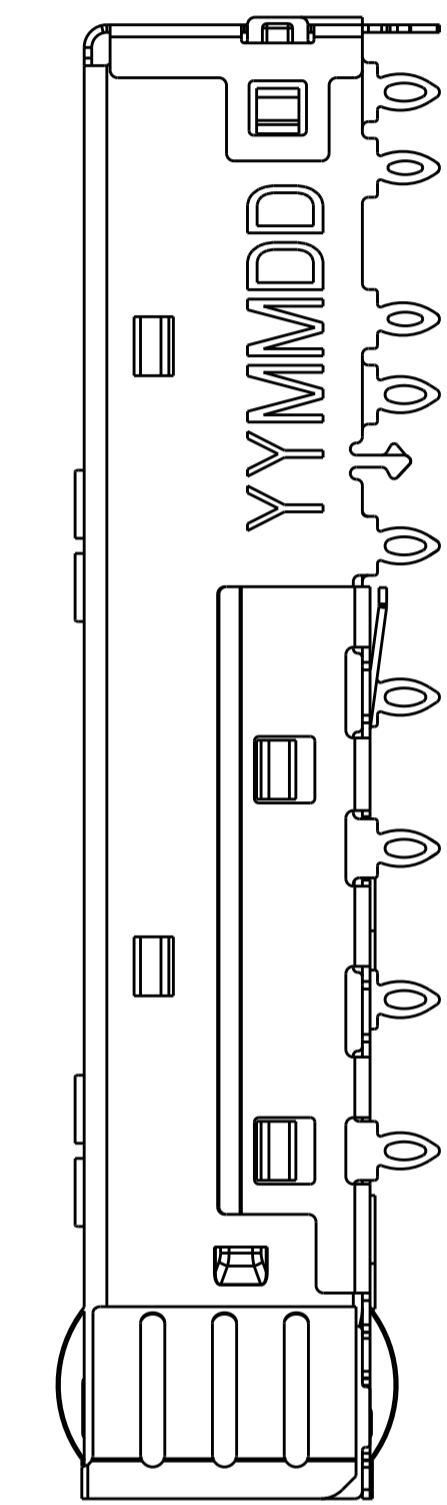
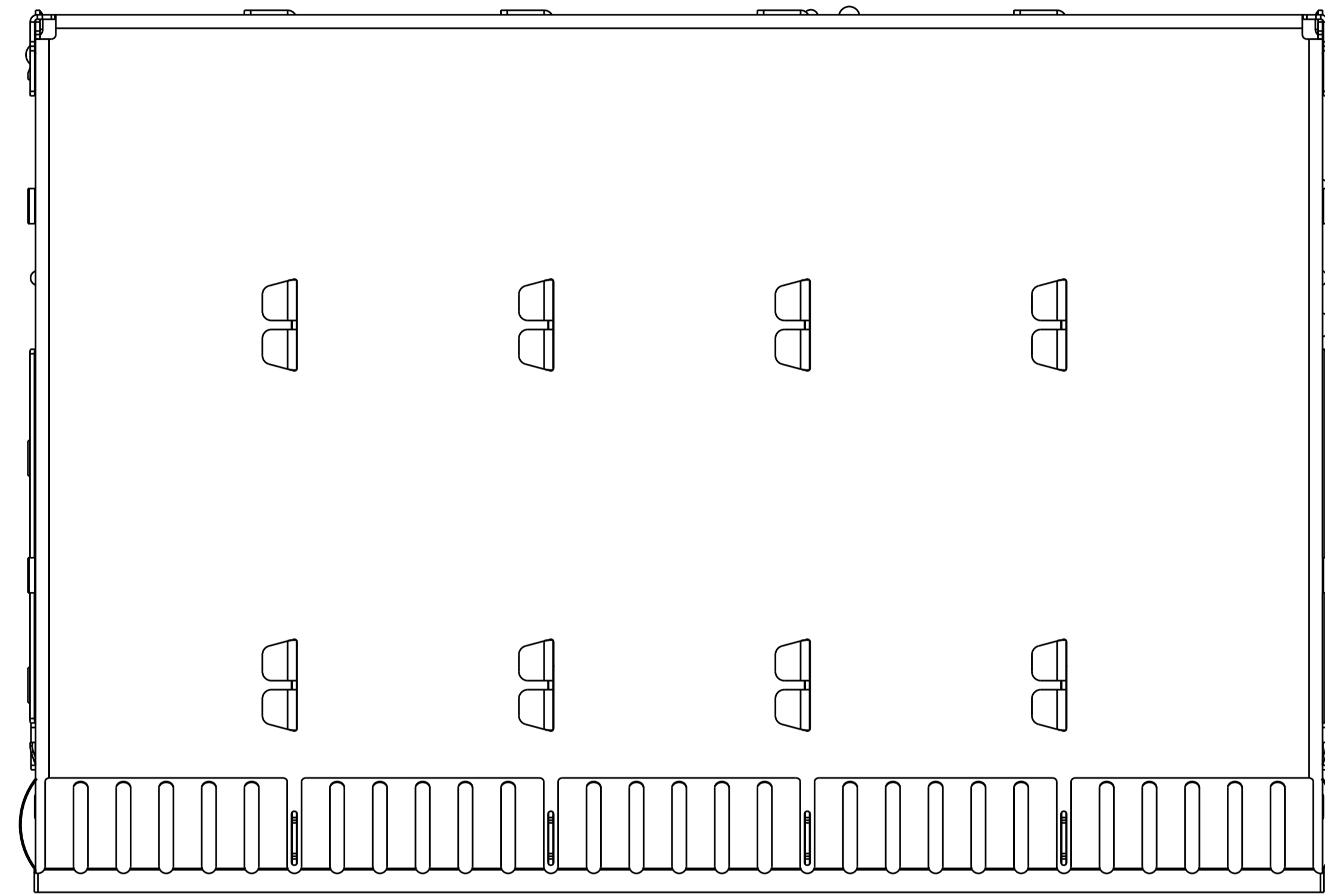
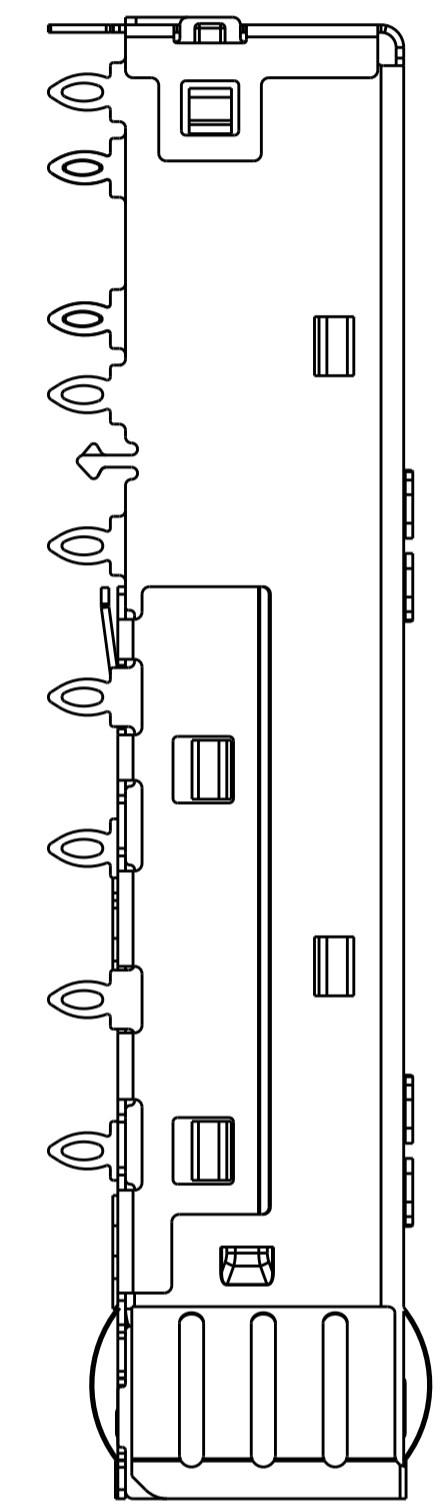
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: J. WANG 08AUG2014	TE Connectivity
DIMENSIONS: mm		CHK: S. HAN 08AUG2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. HAN 08AUG2014	
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±		PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 WEIGHT: -	
MATERIAL:		Customer Drawing	NAME: SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS SIZE: CAGE CODE DRAWING NO: A100779C=2284170 RESTRICTED TO: - SCALE: 4:1 SHEET 1 OF 4 REV: A1

LOC		DIST		REVISIONS				
P	LTN	DESCRIPTION	DATE	DMN	APVD			
-		SEE SHEET 1						

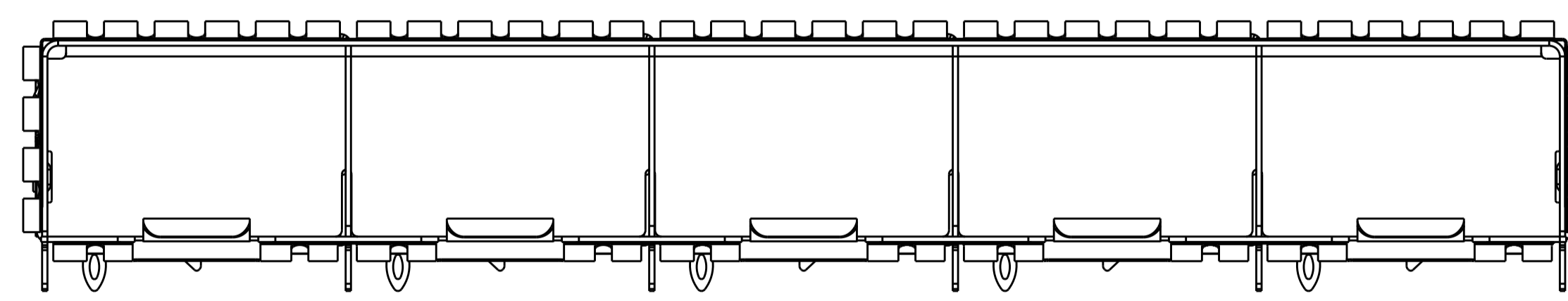
D



C



B

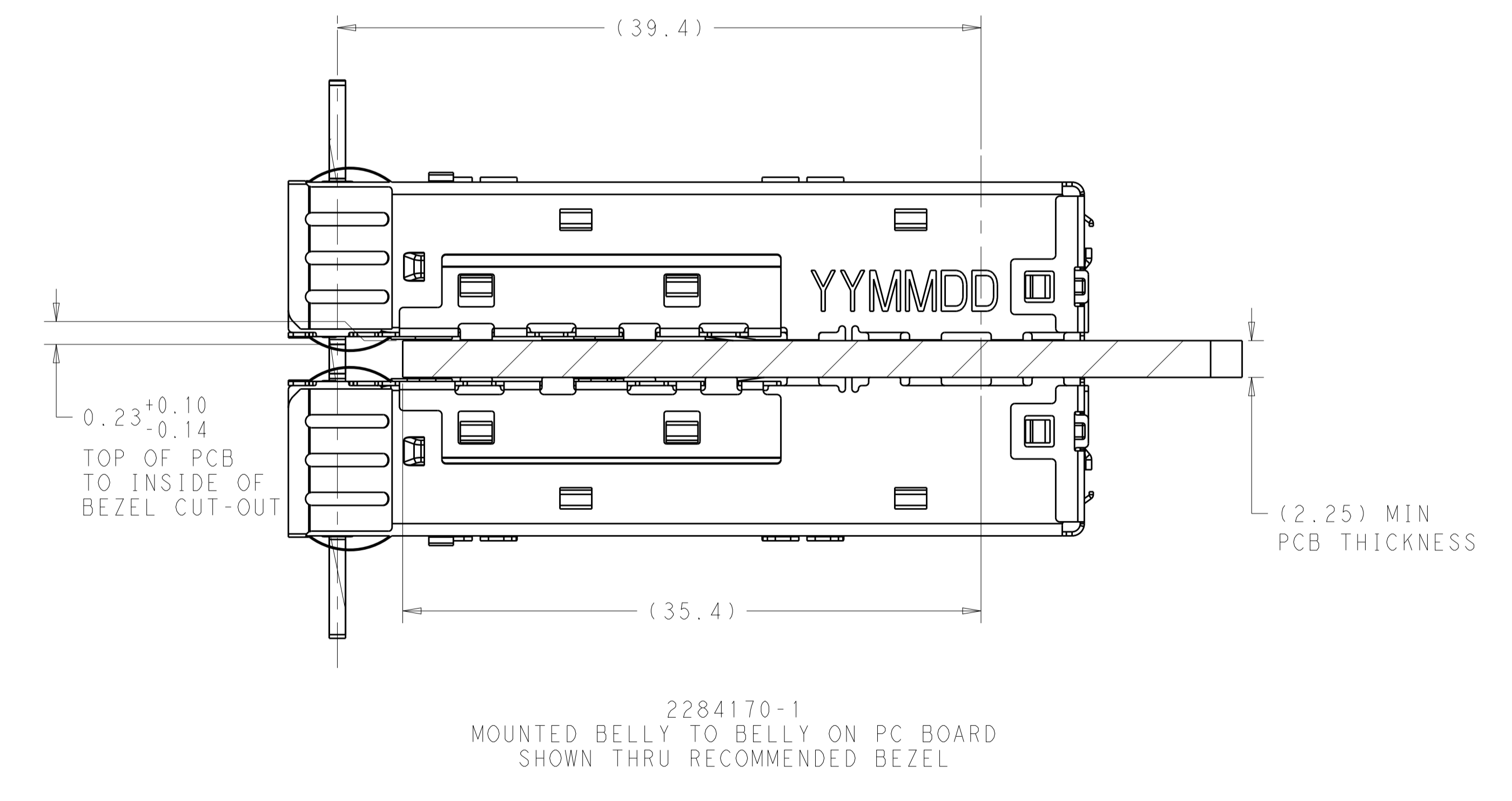
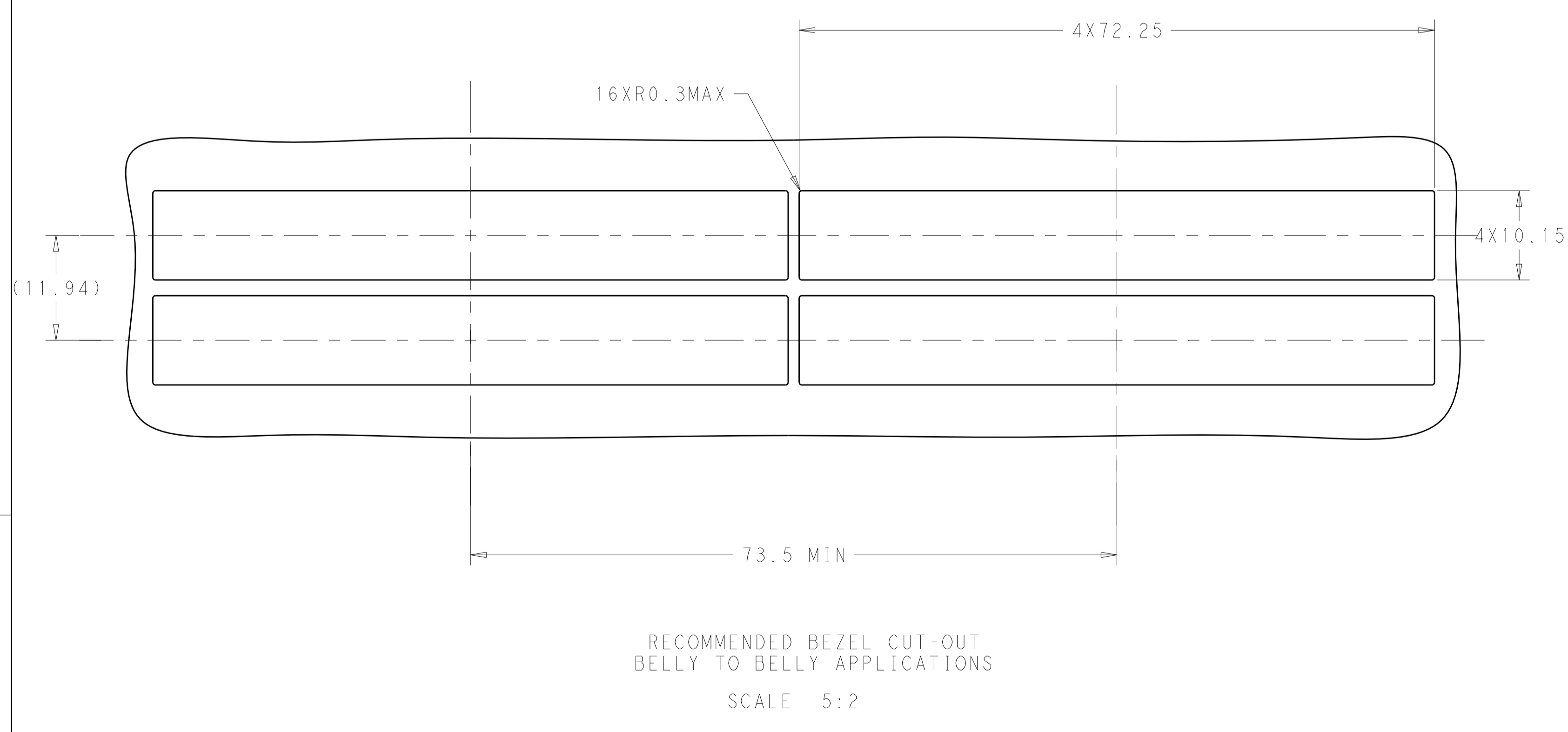
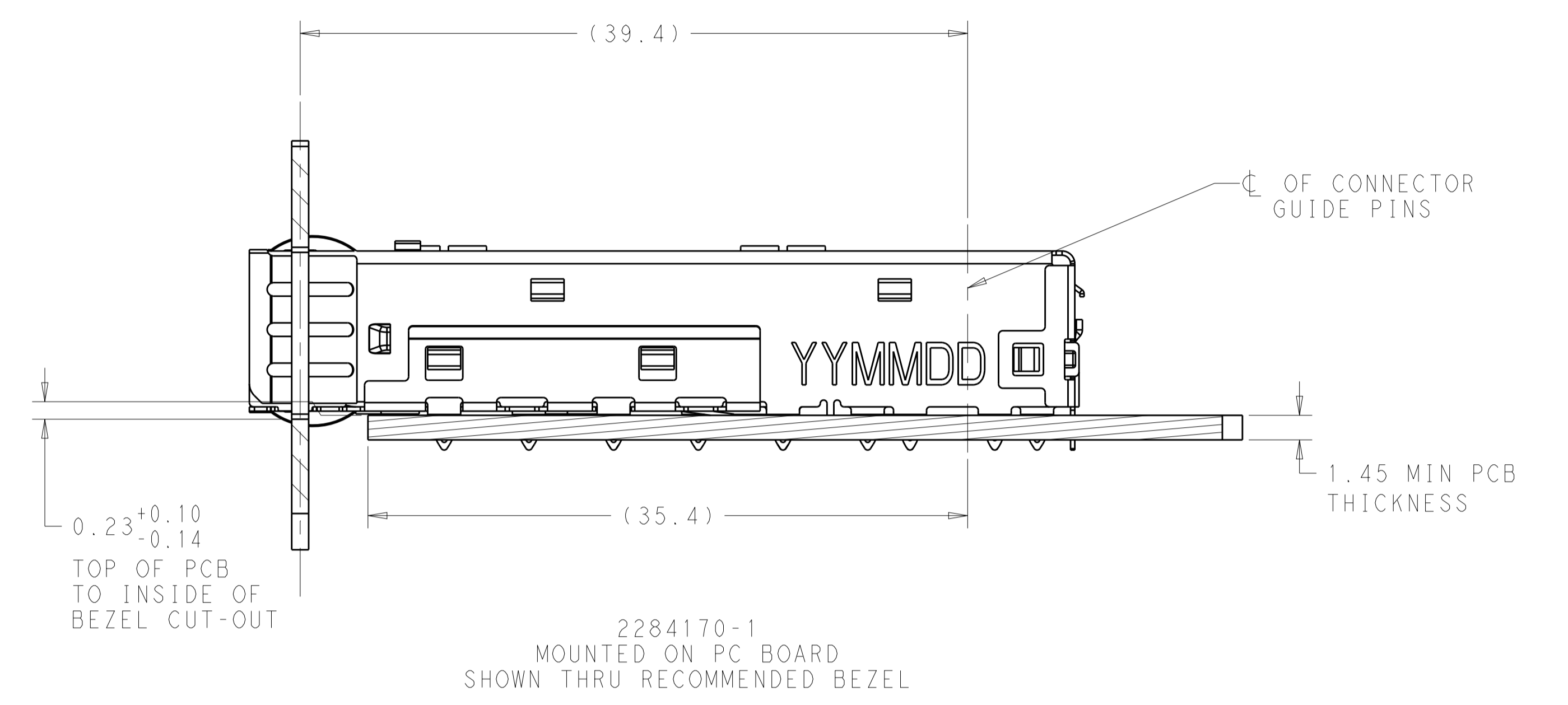
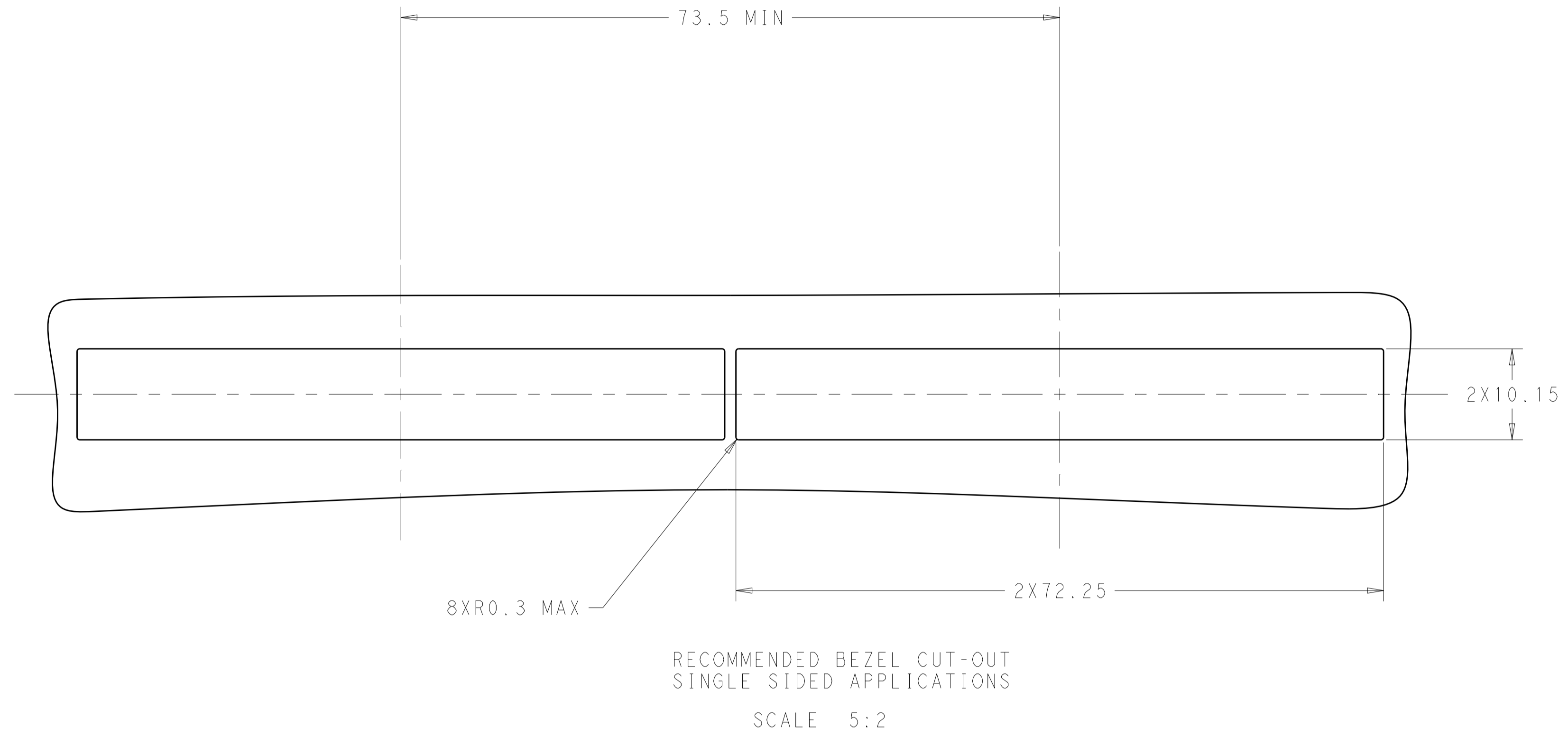


A

2284170-3 ALL DIMENSIONS ARE SAME AS 2284170-1  
 JUST REMOVE HOLES FOR HEATSINK ON TOP WALL  
 AND LOCK FOR CLIP ON TOP AND BACK WALL FROM 2284170-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: J. WANG 08AUG2014	TE Connectivity
DIMENSIONS: mm		CHK: S. HAN 08AUG2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. HAN 08AUG2014	NAME: SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS
0 PLC ±0.1	1 PLC ±0.1	PRODUCT SPEC	SIZE: A1
2 PLC ±0.1	3 PLC ±0.1	APPLICATION SPEC	CAGE CODE: 108-2364
4 PLC ±0.1	ANGLES ±0.3	FINISH	DRAWING NO: 114-13120
MATERIAL:	FINISH: -	WEIGHT: -	RESTRICTED TO: -
Customer Drawing		SCALE: 4:1	SHEET 2 OF 5

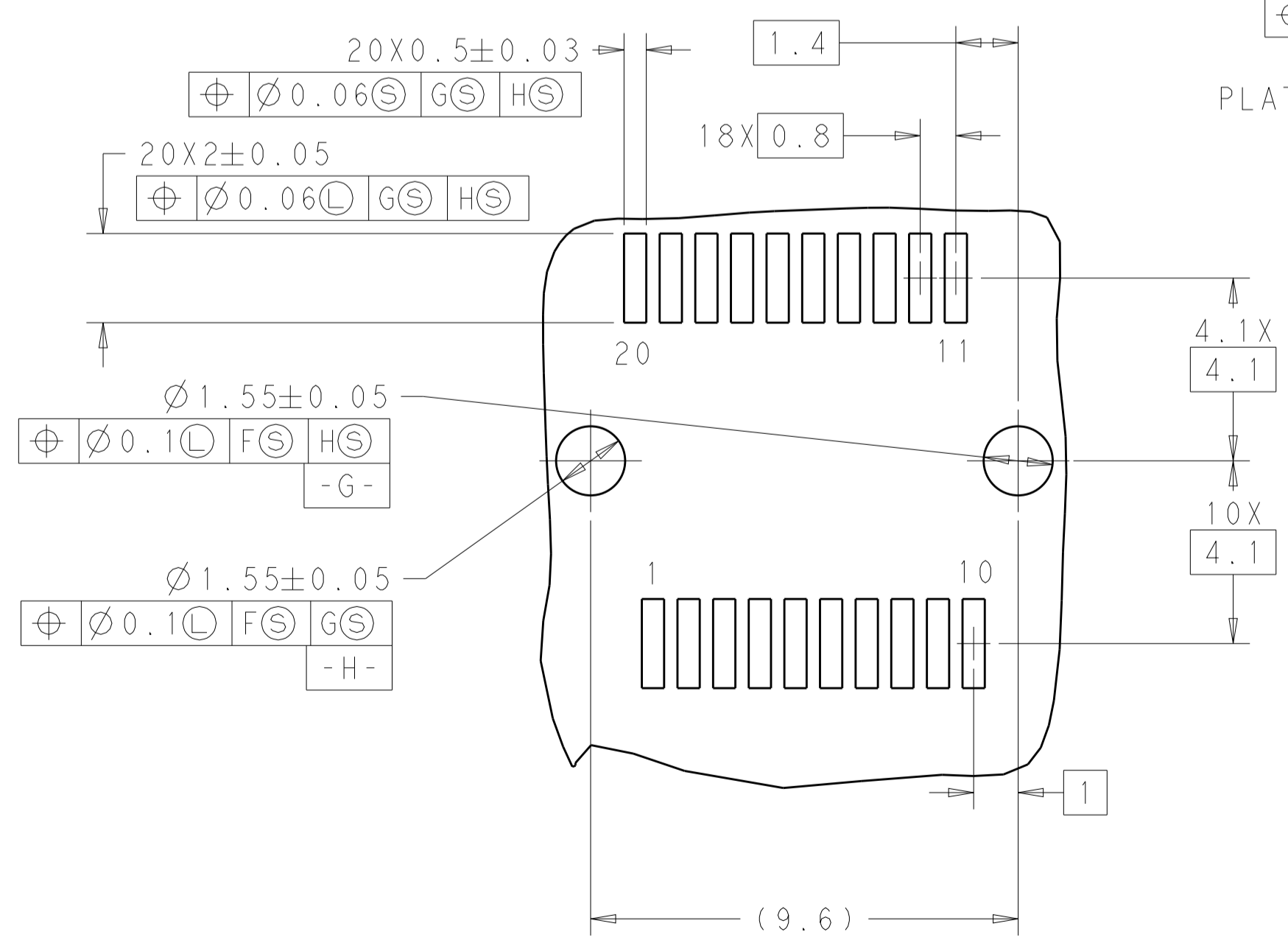
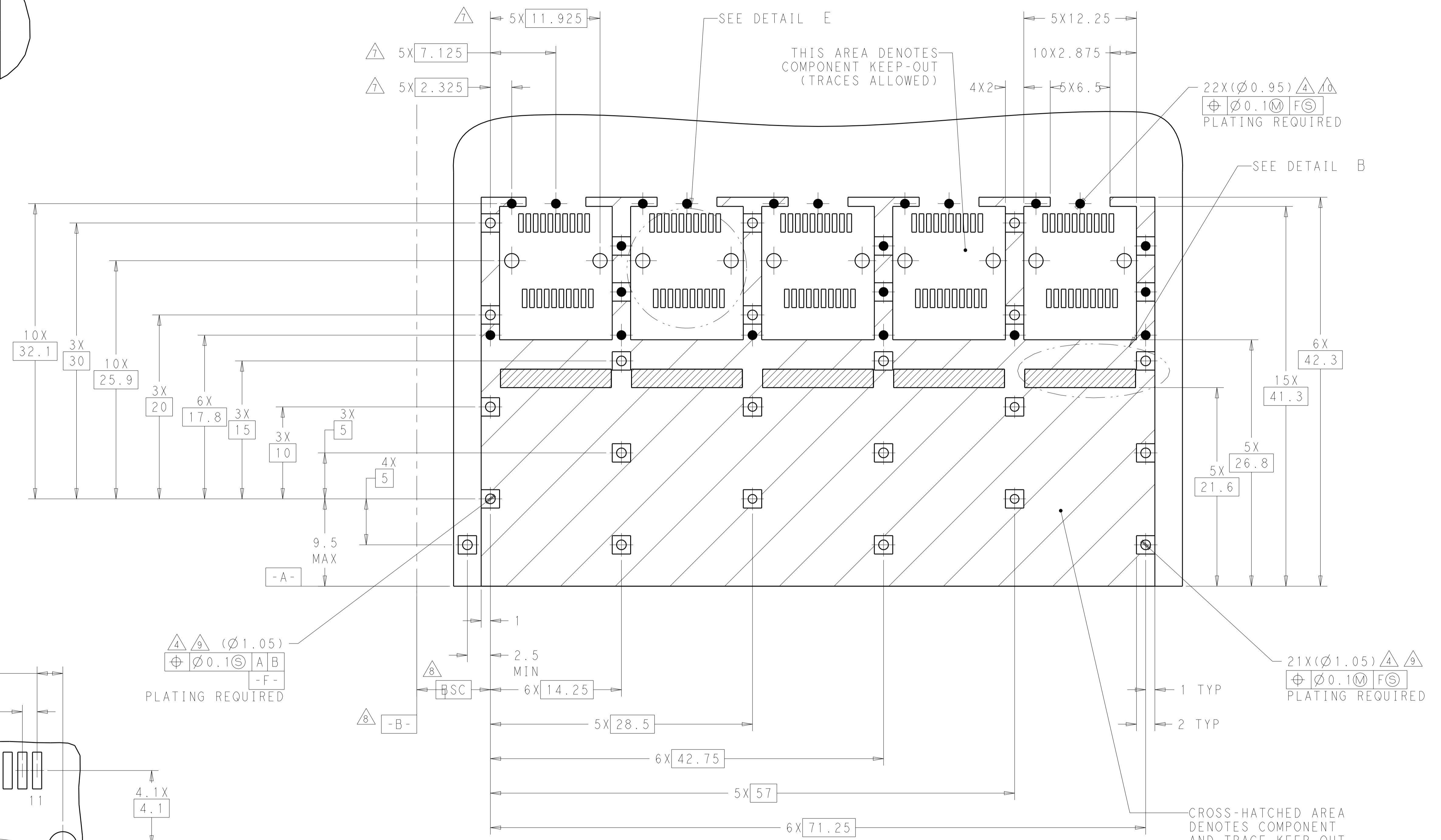
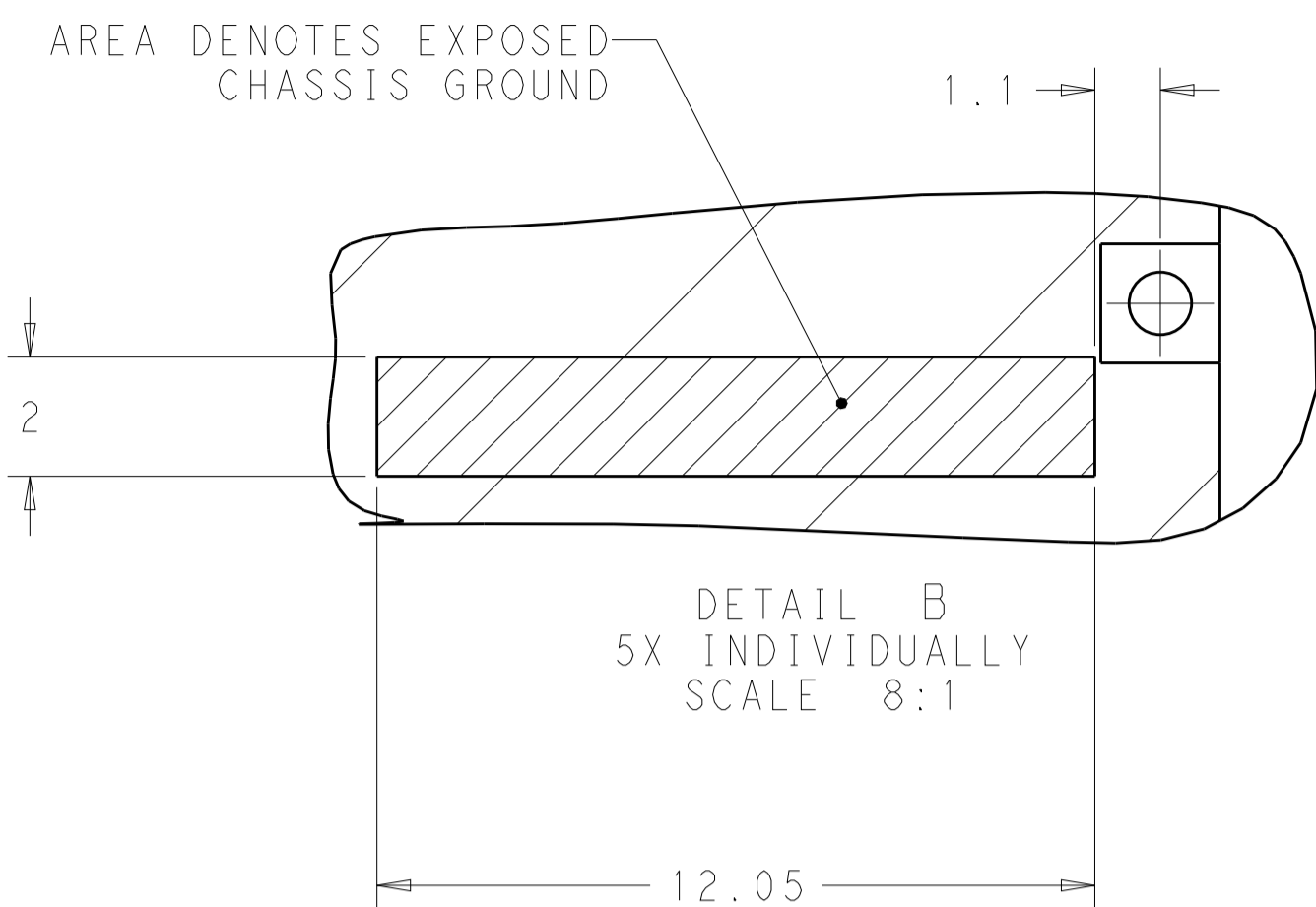
LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN J. WANG 08AUG2014	TE Connectivity
DIMENSIONS:		CHK S. HAN 08AUG2014	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD S. HAN 08AUG2014	NAME SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS
0 PLC ±0.1	1 PLC ±0.1	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO
2 PLC ±0.1	3 PLC ±0.1	108-2364	RESTRICTED TO
4 PLC ±0.1	ANGLES ±	APPLICATION SPEC	A100779C=2284170
MATERIAL	FINISH	114-13120	SCALE 4:1 SHEET 3 OF 5 REV A1
		WEIGHT	Customer Drawing

LOC	DIST	REV	DATE	BY	APP'D
GP	00				

REVISIONS			
REV	DATE	BY	APP'D
-	SEE SHEET 1		



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

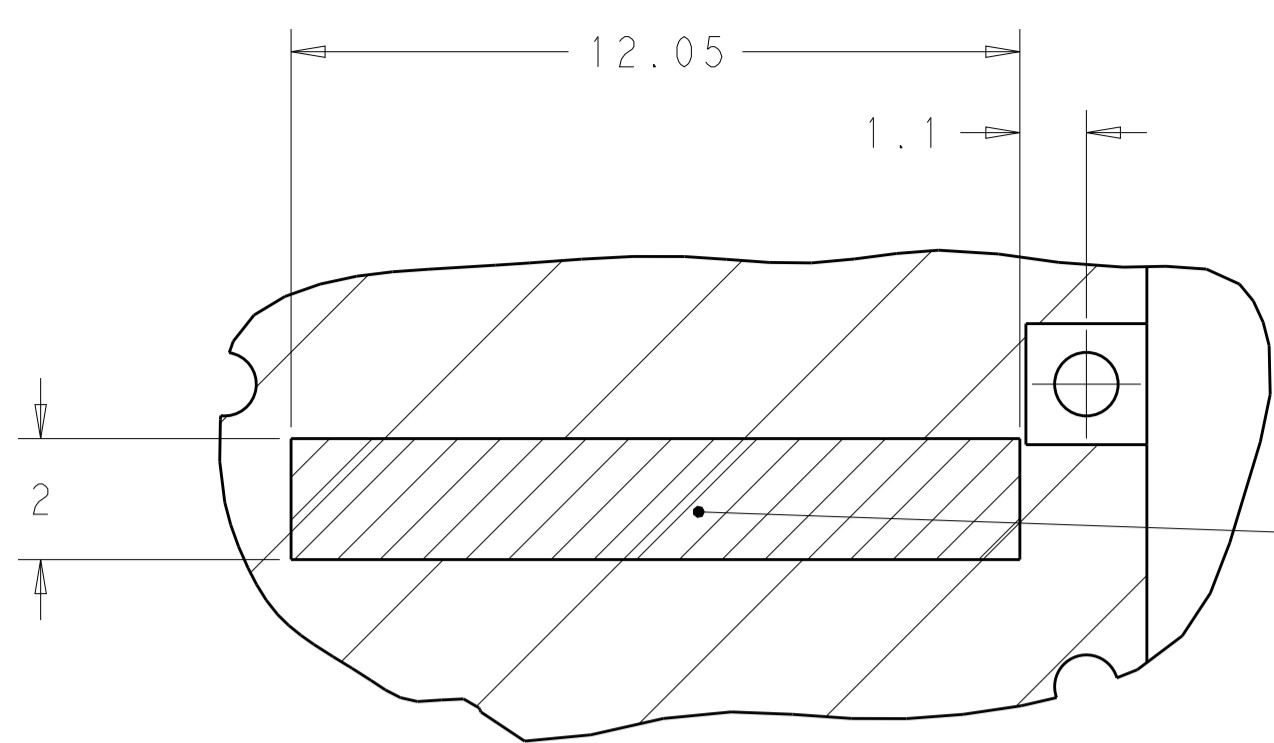
DETAIL E  
 RECOMMENDED PT CONNECTOR LAYOUT  
 5X INDIVIDUALLY  
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. WANG 08AUG2014	TE Connectivity
DIMENSIONS: mm		CHK S. HAN 08AUG2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D S. HAN 08AUG2014	
0 PLC	±0.1	PRODUCT SPEC	NAME SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS
1 PLC	±0.1	APPLICATION SPEC	
2 PLC	±0.1	108-2364	
3 PLC	±0.1	114-13120	
4 PLC	±0.1	114-13120	
MATERIAL		WEIGHT	SIZE A100779
FINISH		Customer Drawing	SCALE 4:1
			SHEET 4 OF 5
			REV A1

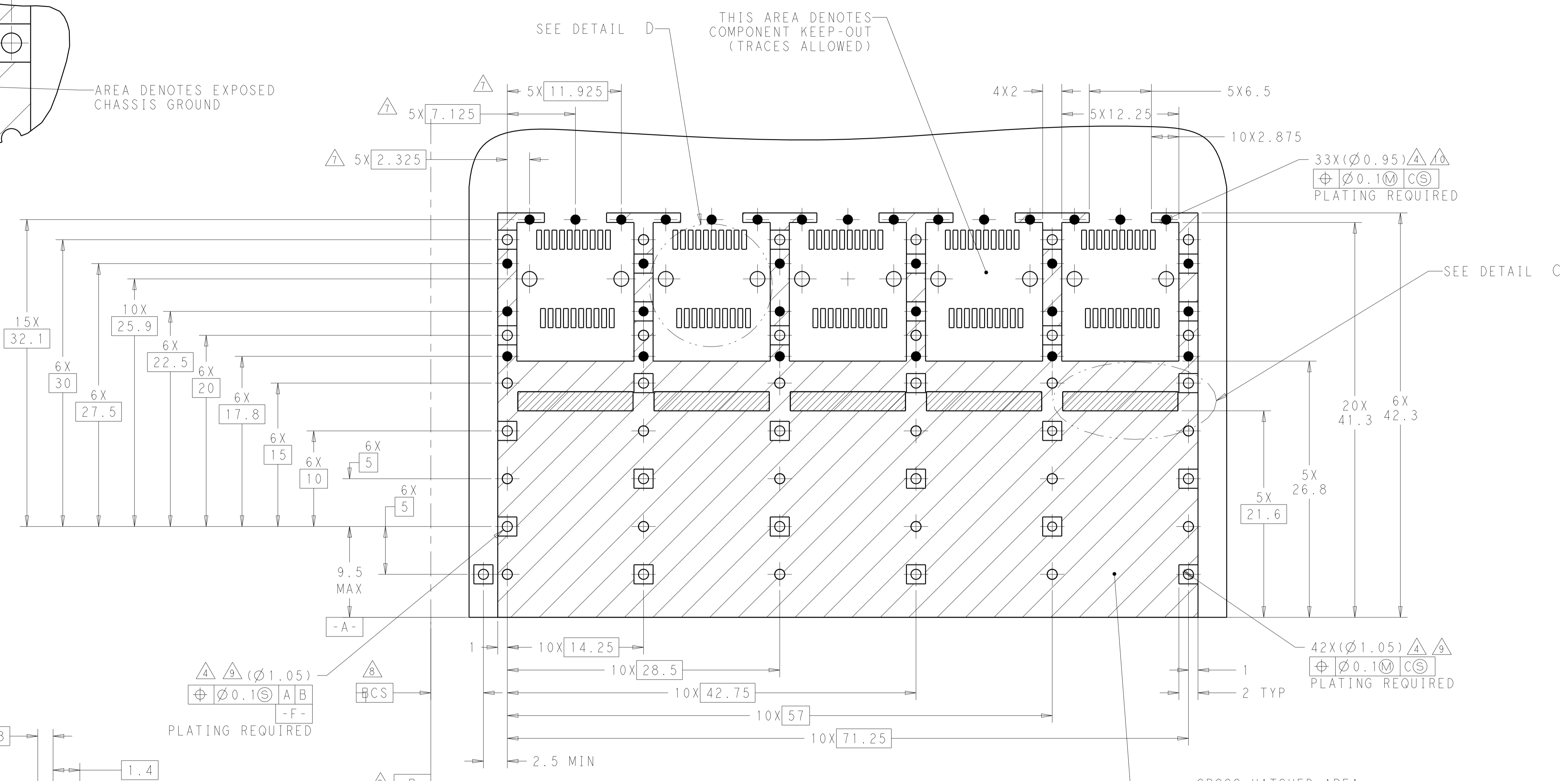
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GP	00				

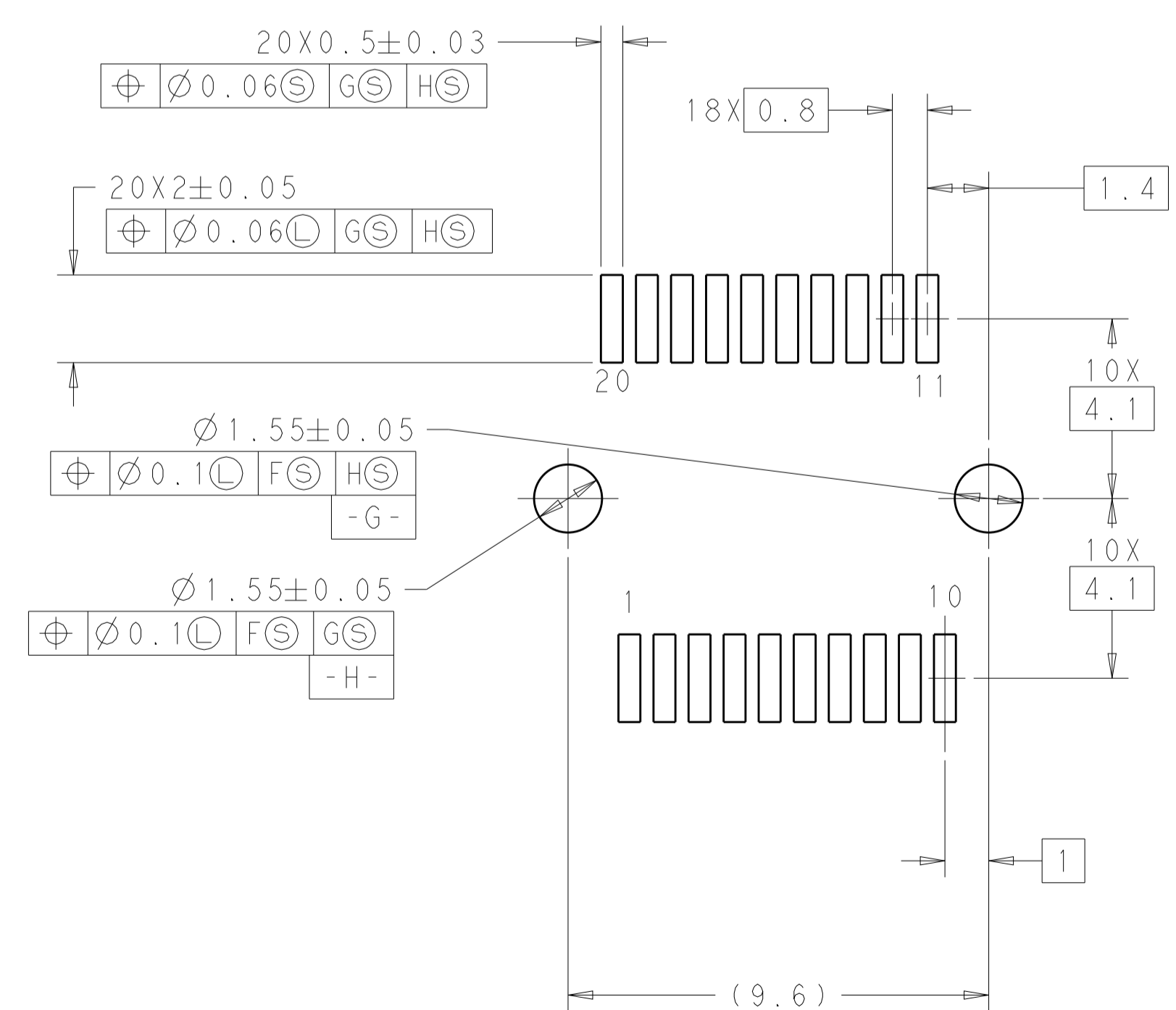
REVISIONS			
NO.	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-



DETAIL C  
5X INDIVIDUALLY  
SCALE 8:1



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



DETAIL D  
RECOMMENDED PT CONNECTOR LAYOUT  
10X INDIVIDUALLY  
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: J. WANG 08AUG2014	TE Connectivity
DIMENSIONS: mm		CHK: S. HAN 08AUG2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: S. HAN 08AUG2014	NAME: SFP+ ENHANCED 1X5 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS
0 PLC ±0.1	1 PLC ±0.1	PRODUCT SPEC 108-2364	SIZE: CAGE CODE DRAWING NO. RESTRICTED TO
2 PLC ±0.1	3 PLC ±0.1	APPLICATION SPEC 114-13120	A100779C=2284170
4 PLC ±0.1	ANGLES ±	WEIGHT	SCALE 4:1 SHEET 5 OF 5 REV A1
MATERIAL	FINISH	Customer Drawing	