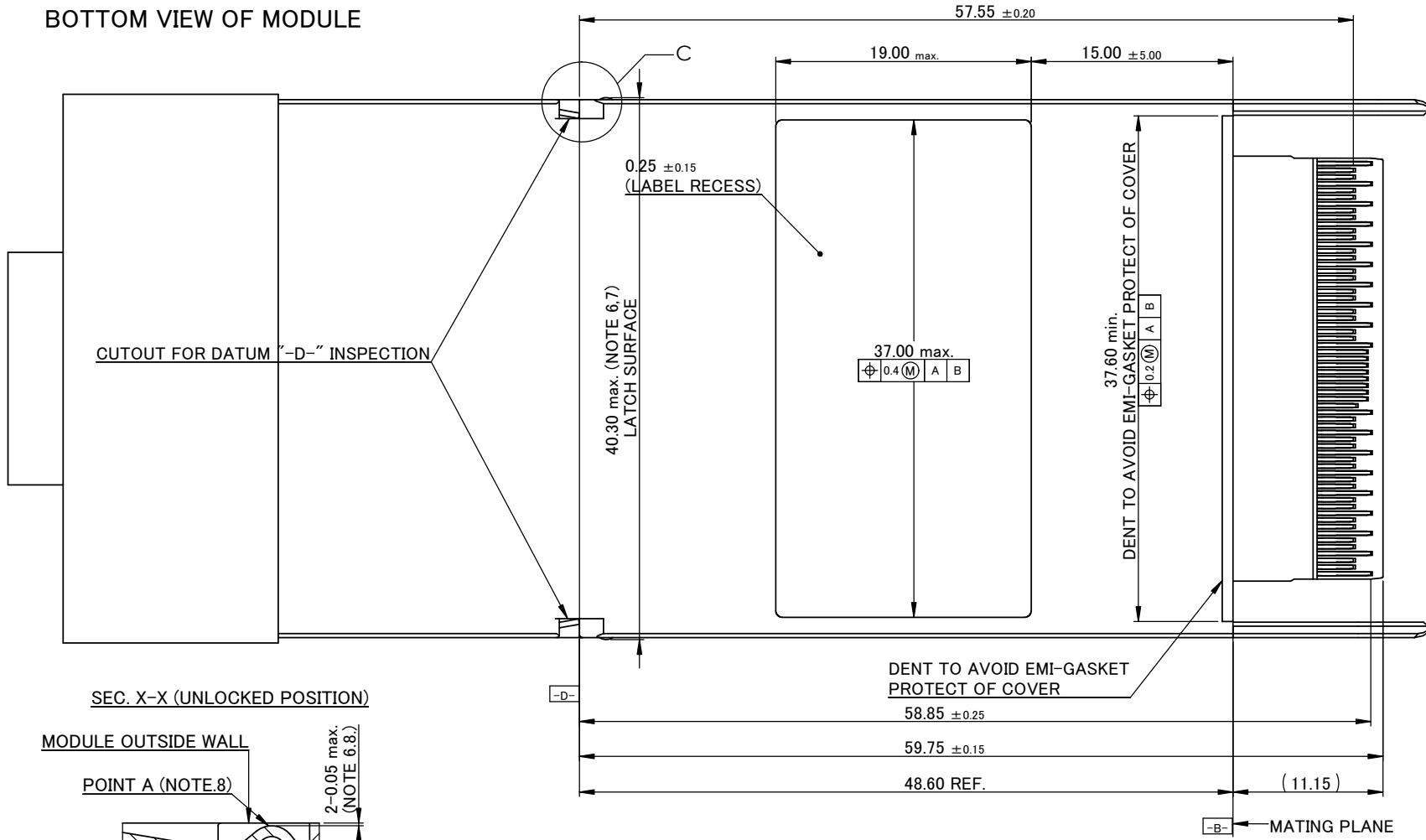
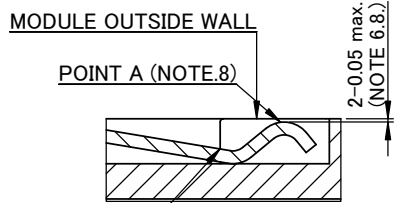


**BOTTOM VIEW OF MODULE**

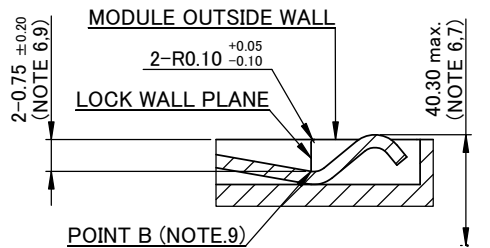
A  
B  
C  
D  
E  
F



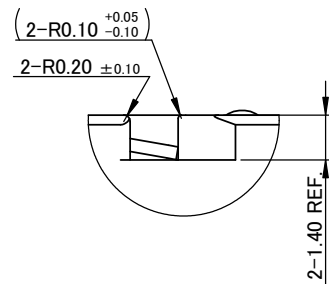
**SEC. X-X (UNLOCKED POSITION)**



**SEC. X-X (LOCKED POSITION)**



**DETAIL C  
(CUTOUT FOR DATUM "-D-" INSPECTION)**



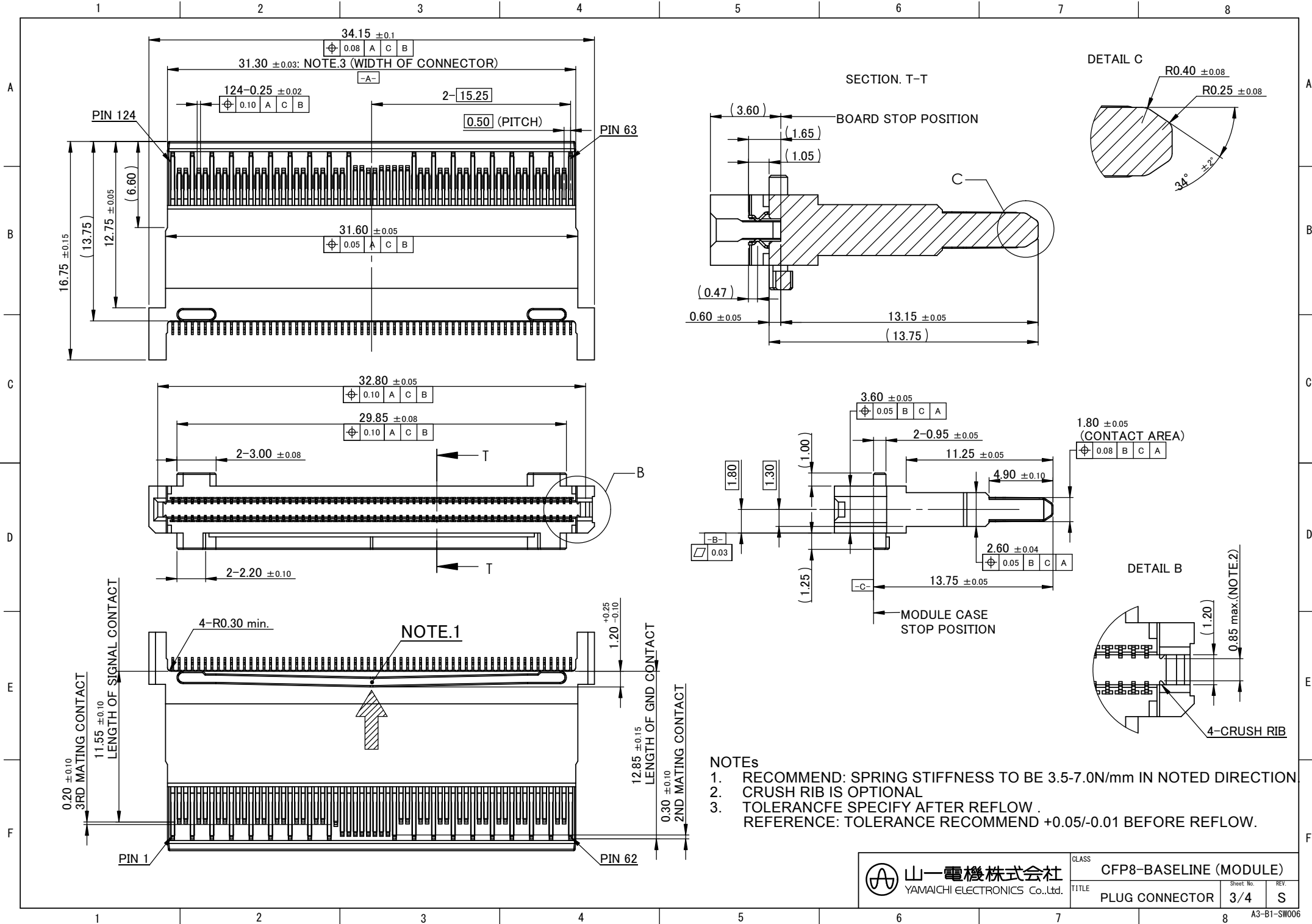
**NOTE**

1. 7 deg C MAXIMUM TEMPERATURE DELTA WITH NO HEATSINK AND 200LFM SIDEWAYS AIR FLOW. (DELTA TEMPERATURE SPECIFICATION TO BE VERIFIED WITH FIRST ARTICLES).
2. DRAFT ANGLE TO BE IN THE DECREASING MASS DIRECTION
3. MODULE LATCH POSITION MUST INTEROPERATE WITH CFP8 CAGE SPECIFICATIONS.
4. SURFACE FLATNESS: "f" IS SPECIFIED IN CFP8 HARDWARE SPECIFICATION.
5. SURFACE ROUGHNESS: "r" IS SPECIFIED IN CFP8 HARDWARE SPECIFICATION.
6. DIMENSION APPLIES TO LATCH MECHANISM.
7. MAXIMUM OUTSIDE ENVELOPE BETWEEN TWO OPPOSITE LATCHES.
8. "POINT A" IS AT THE VIRTUAL INTERSECTION OF LOCK WALL PLANE AND OUTER SURFACE OF LATCH.
9. "POINT B" IS AT THE VIRTUAL INTERSECTION OF LOCK WALL PLANE AND OUTER SURFACE OF LATCH.

 山一電機株式会社 YAMAICHI ELECTRONICS Co., Ltd.	CLASS	CFP8-BASELINE (MODULE)	
	TITLE	MODULE	Sheet No. REV.
		2/4	S


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1 2 3 4 5 6 7 8

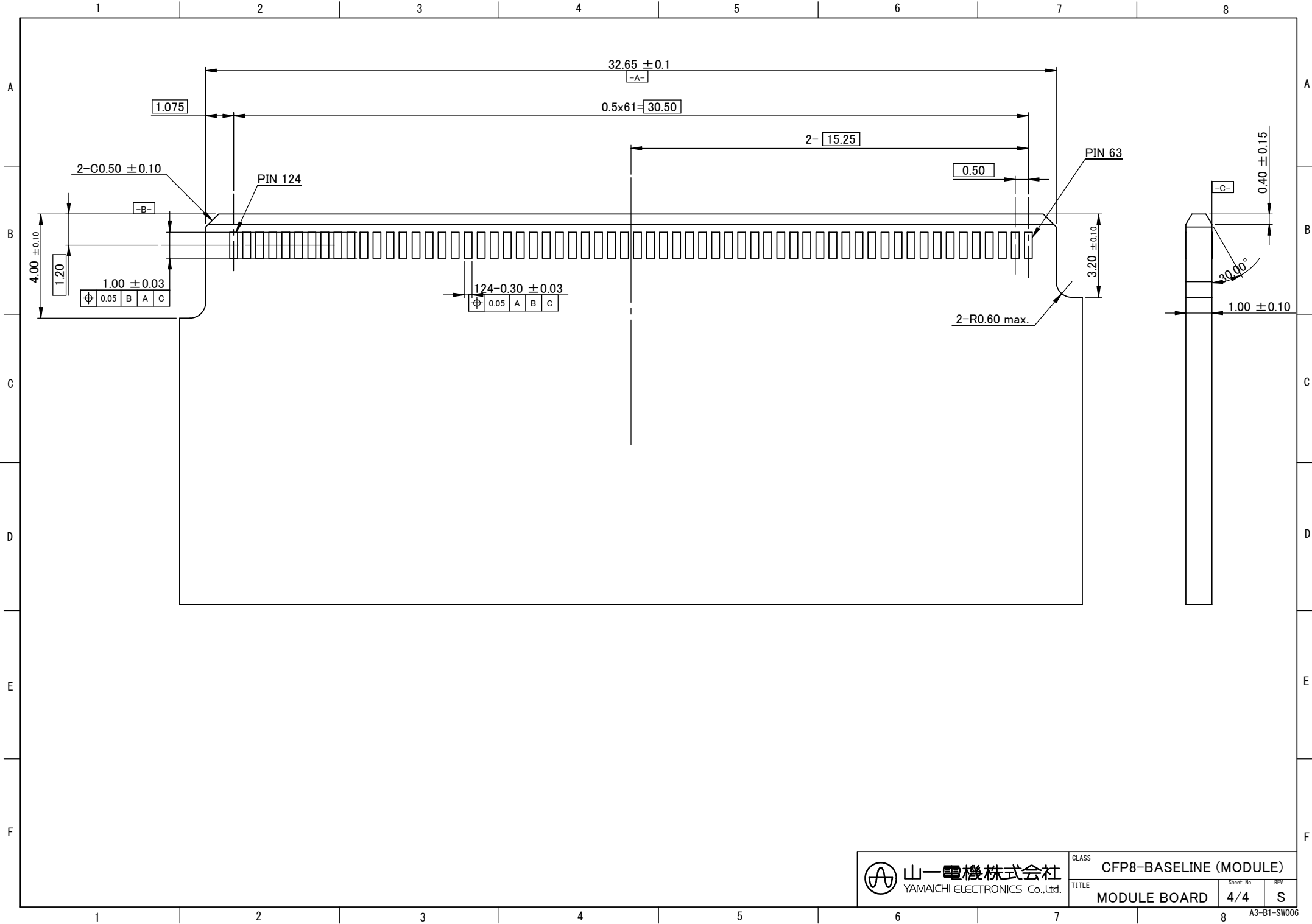


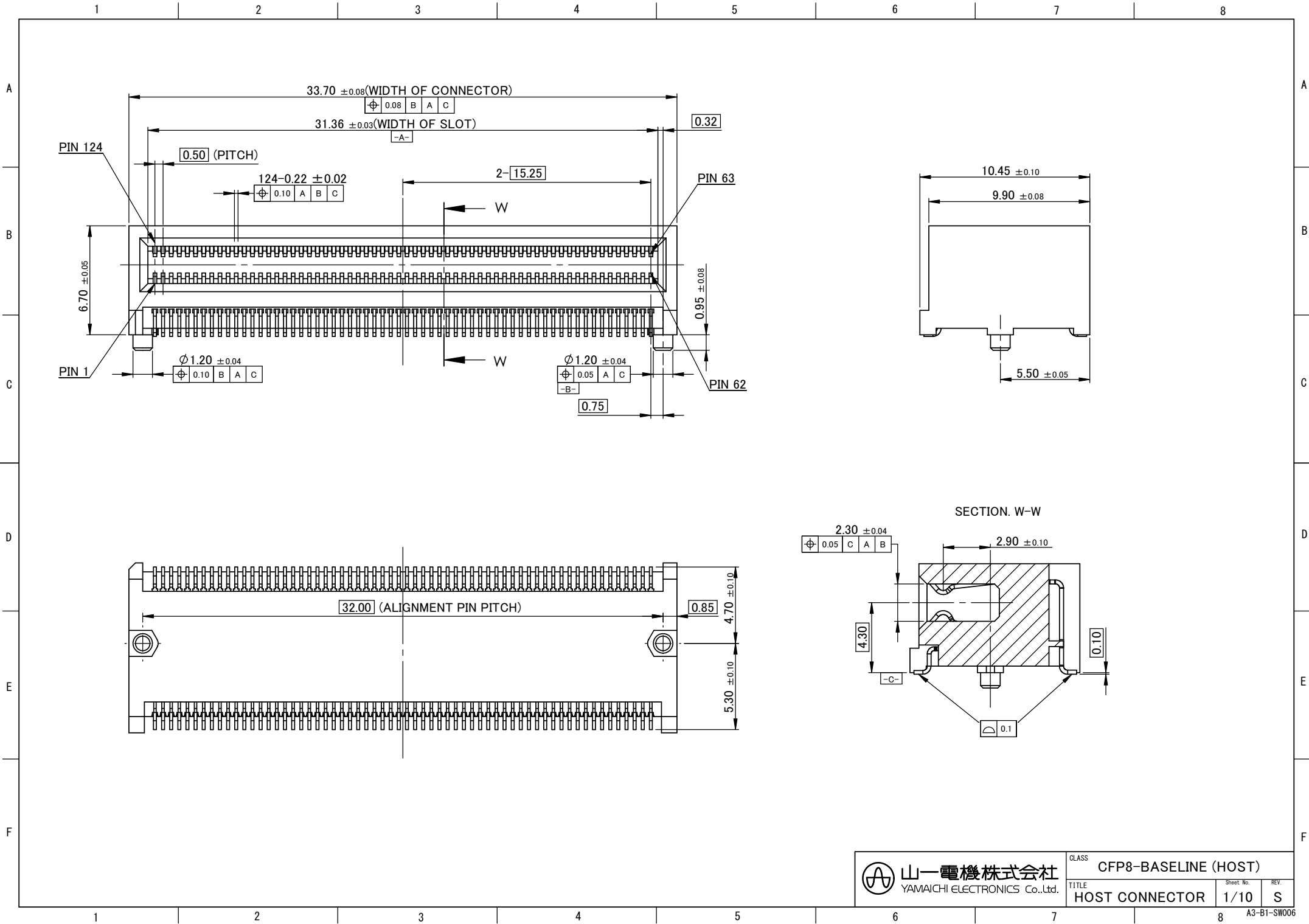
NOTES

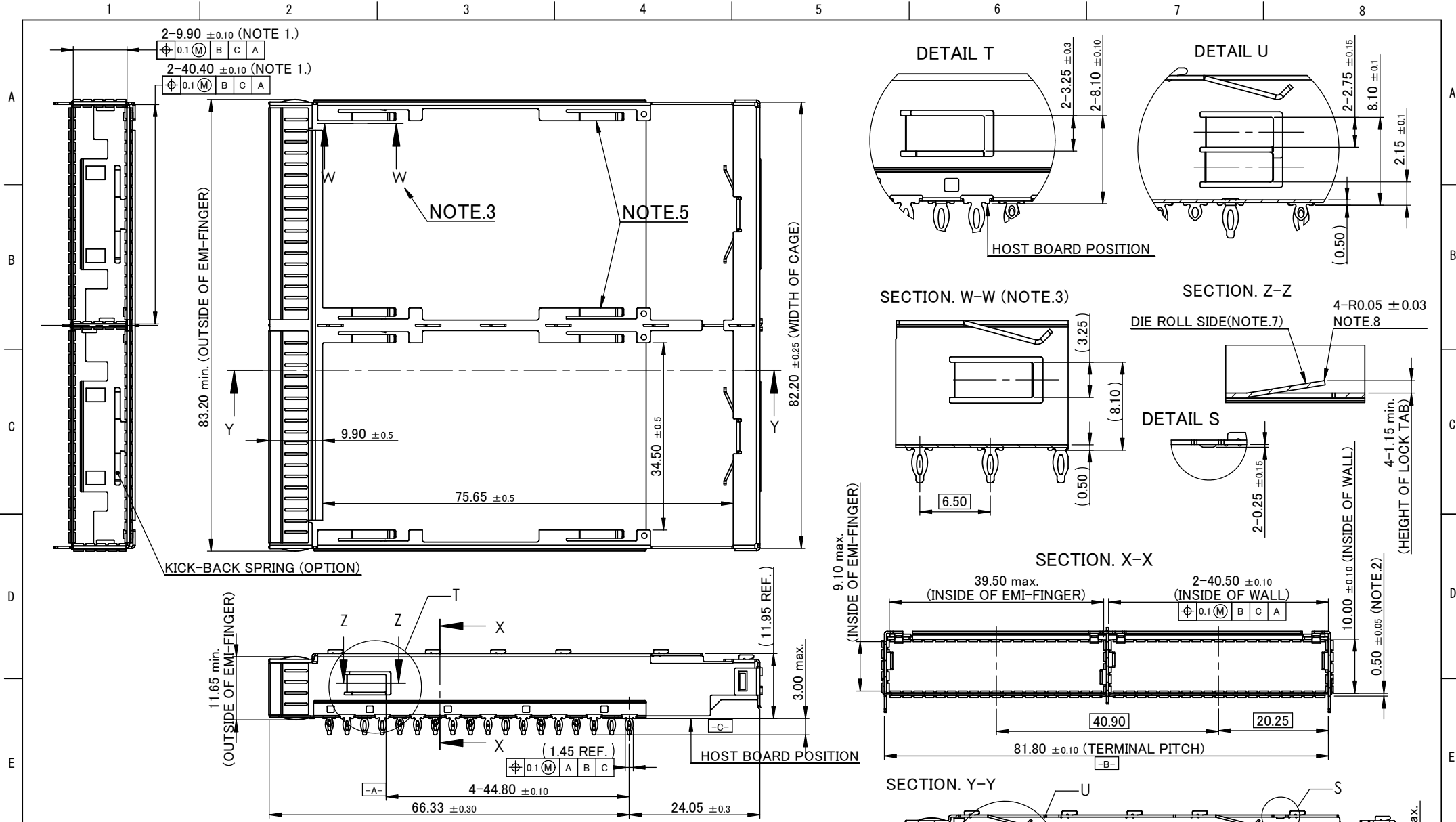
- RECOMMEND: SPRING STIFFNESS TO BE 3.5-7.0N/mm IN NOTED DIRECTION
- CRUSH RIB IS OPTIONAL
- TOLERANCE SPECIFY AFTER REFLOW.  
REFERENCE: TOLERANCE RECOMMEND +0.05/-0.01 BEFORE REFLOW.

 山一電機株式会社 YAMAICHI ELECTRONICS Co.,Ltd.	CLASS	CFP8-BASELINE (MODULE)		
	TITLE	PLUG CONNECTOR	Sheet No.	REV.
			3/4	S

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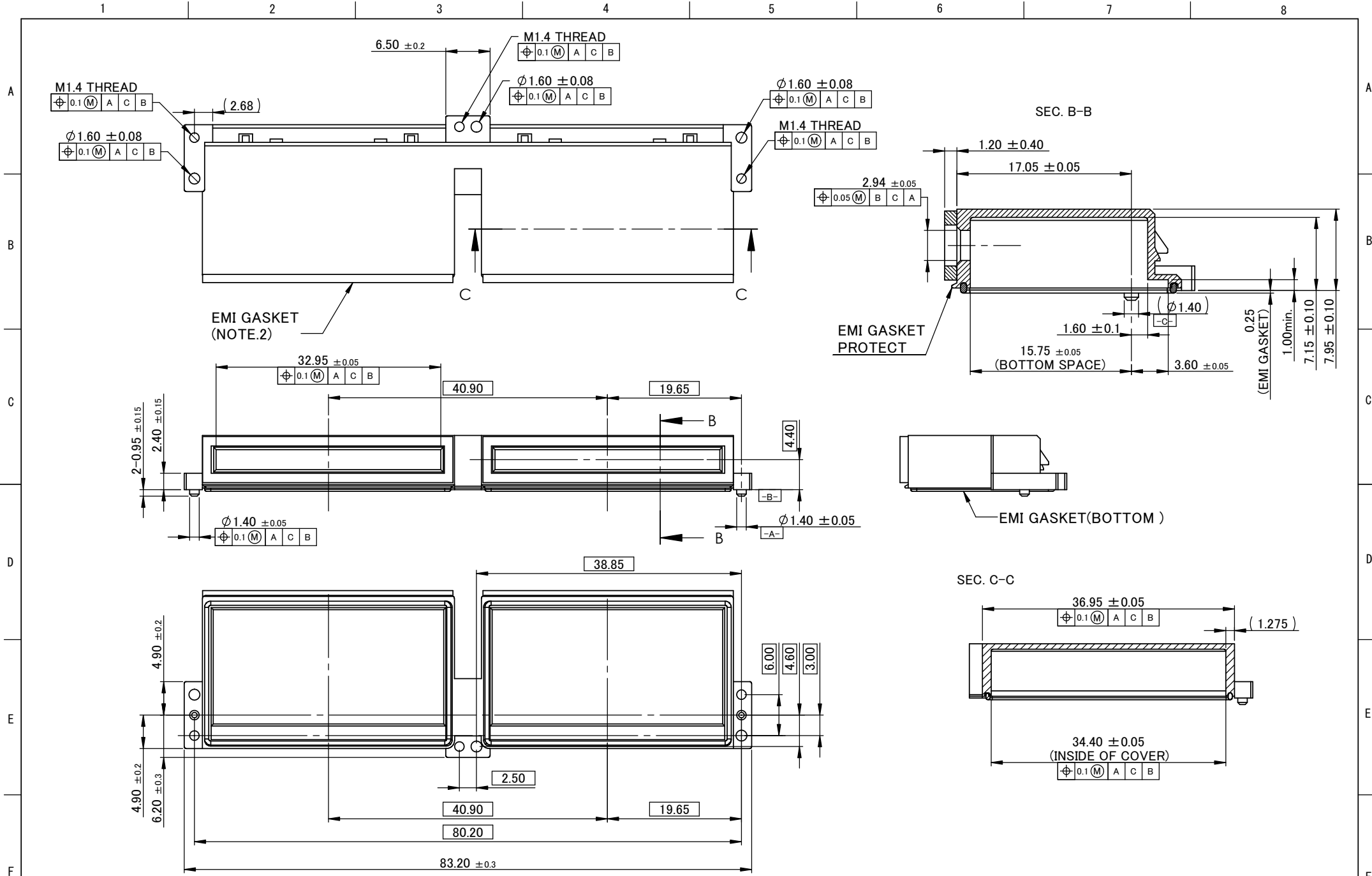







- NOTE
1. INSIDE SURFACES OF EMI-FINGERS WHEN FULLY COMPRESSED.
  2. SPACE OF MODULE SLIDING PLATE AND HOST BOARD.
  3. "SEC. W-W" SHOWS THE OTHER SIDE LOCK TAB OF DETAIL T.
  4. THE TOTAL STIFFNESS OF EMI-GASKET AND KICK-BACK SPRING IS TBD (REF. 24.5 MIN. - 45.9 MAX. [N/mm]).
  5. HOST THERMAL DESIGN IS LEFT UP TO SYSTEM OEMs. THIS INCLUDES VARYING HOST CAGE DESIGN PARAMETERS.
  6. CAGE LOCK IS OPTIONAL. WITHOUT THE CAGE LOCK, A DIFFERENT HEATSINK DESIGN IS REQUIRED AS THE ONE SHOWN WILL NOT WORK.
  7. INSIDE OF CAGE SHOULD BE USED A DIE ROLL SIDE OF MATERIAL EXCEPT FOR ONE SIDE OF CENTER WALL.
  8. INSIDE OF TIP OF LOCK TAB SHOULD BE ADDED A RADIUS.
  9. INSERTION AND EXTRACTION FORCE OF CAGE TO HOST BOARD ARE 2000N MAXIMUM AND 400N MINIMUM.

 山一電機株式会社 YAMAICHI ELECTRONICS Co.,Ltd.	CLASS	CFP8-BASELINE (HOST)	
	TITLE	HOST CAGE	Sheet No. 2/10 REV. S

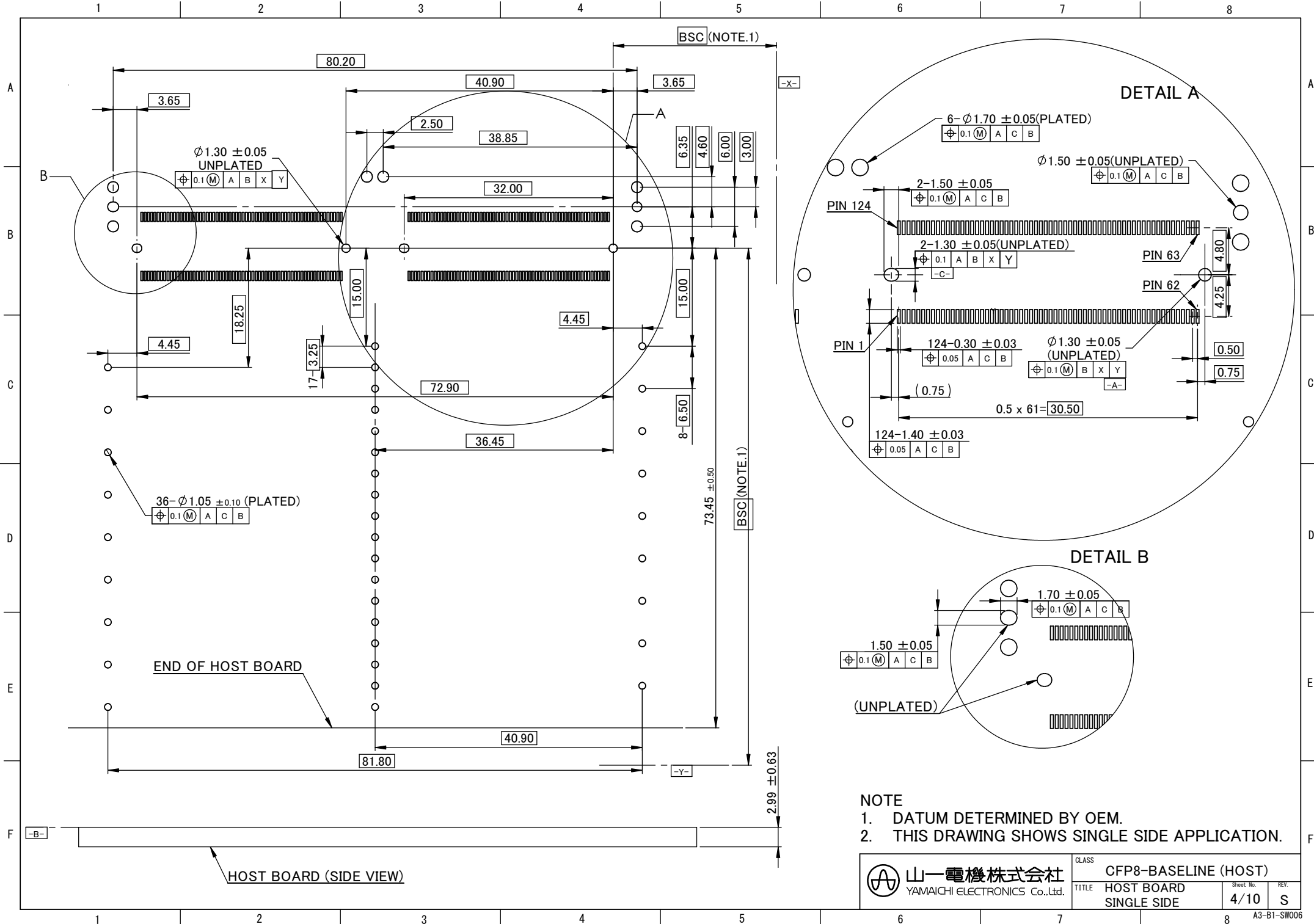


NOTE

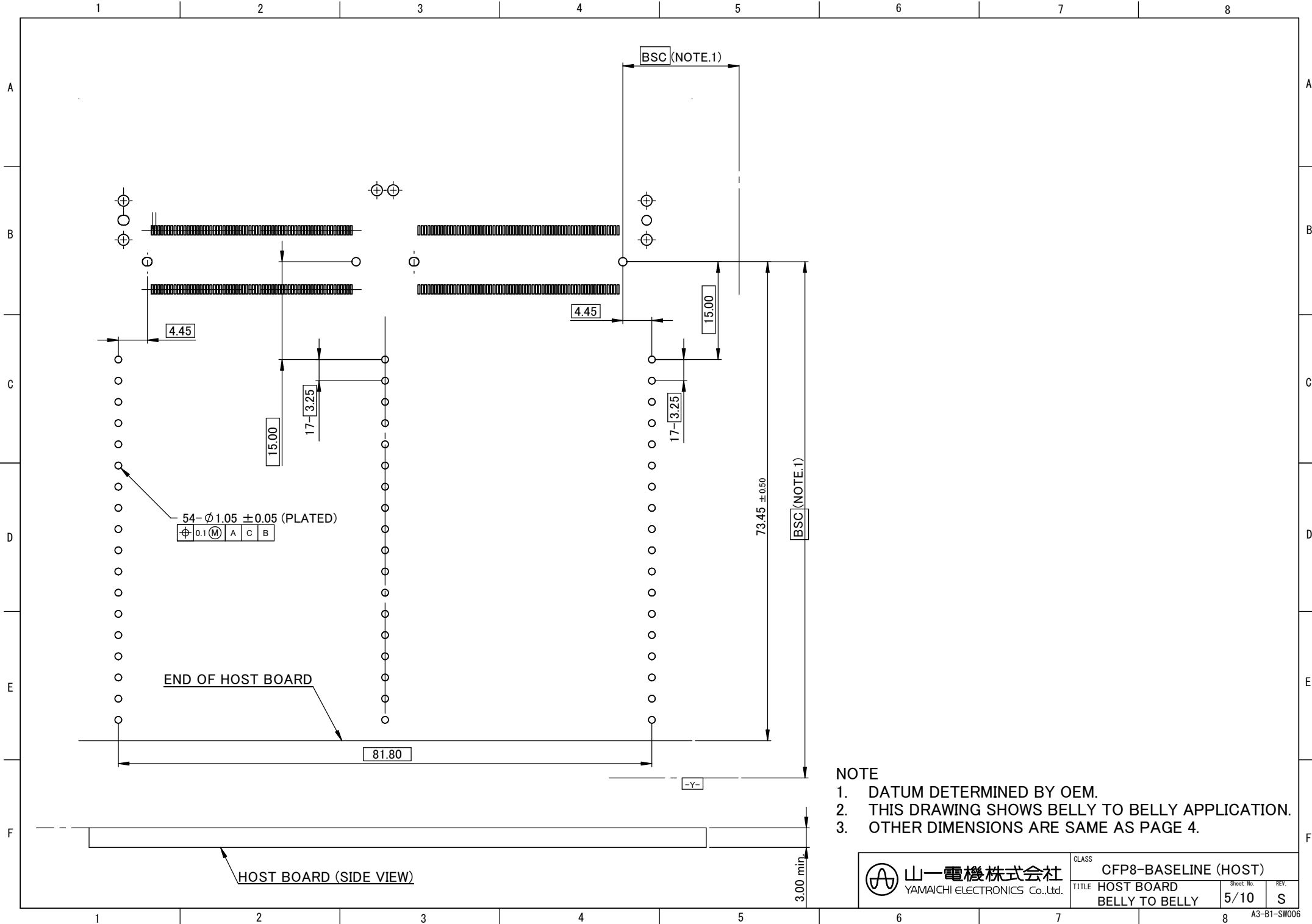
1. MAXIMUM DELTA DEFLECTION OF HOST CONNECTOR COVER AFTER SCREW MOUNT ON HOST BOARD IS 0.02mm.
2. GASKET TO MEET MINIMUM PEEL STRENGTH SPECIFIED IN CFP2 HARDWARE SPECIFICATION.

 山一電機株式会社 YAMAICHI ELECTRONICS Co.,Ltd.	CLASS	CFP8-BASELINE (HOST)	
	TITLE	HOST CONNECTOR COVER	REV.
	Sheet No.	3/10	S

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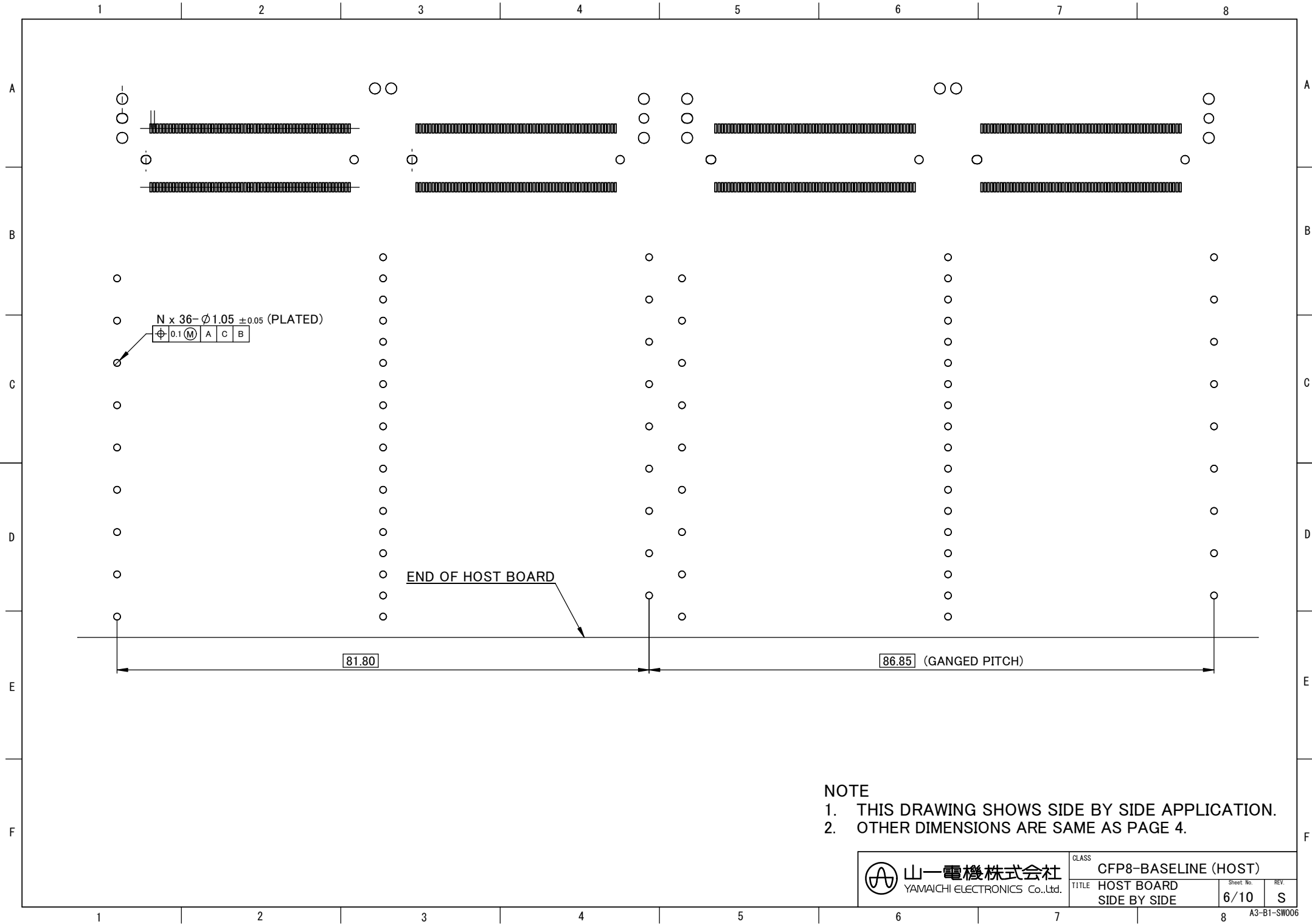




NOTE


1. DATUM DETERMINED BY OEM.
2. THIS DRAWING SHOWS BELLY TO BELLY APPLICATION.
3. OTHER DIMENSIONS ARE SAME AS PAGE 4.

 山一電機株式会社 YAMAICHI ELECTRONICS Co.,Ltd.	CLASS	CFP8-BASELINE (HOST)	
	TITLE	HOST BOARD	Sheet No.
	BELLY TO BELLY	5/10	REV.
			S

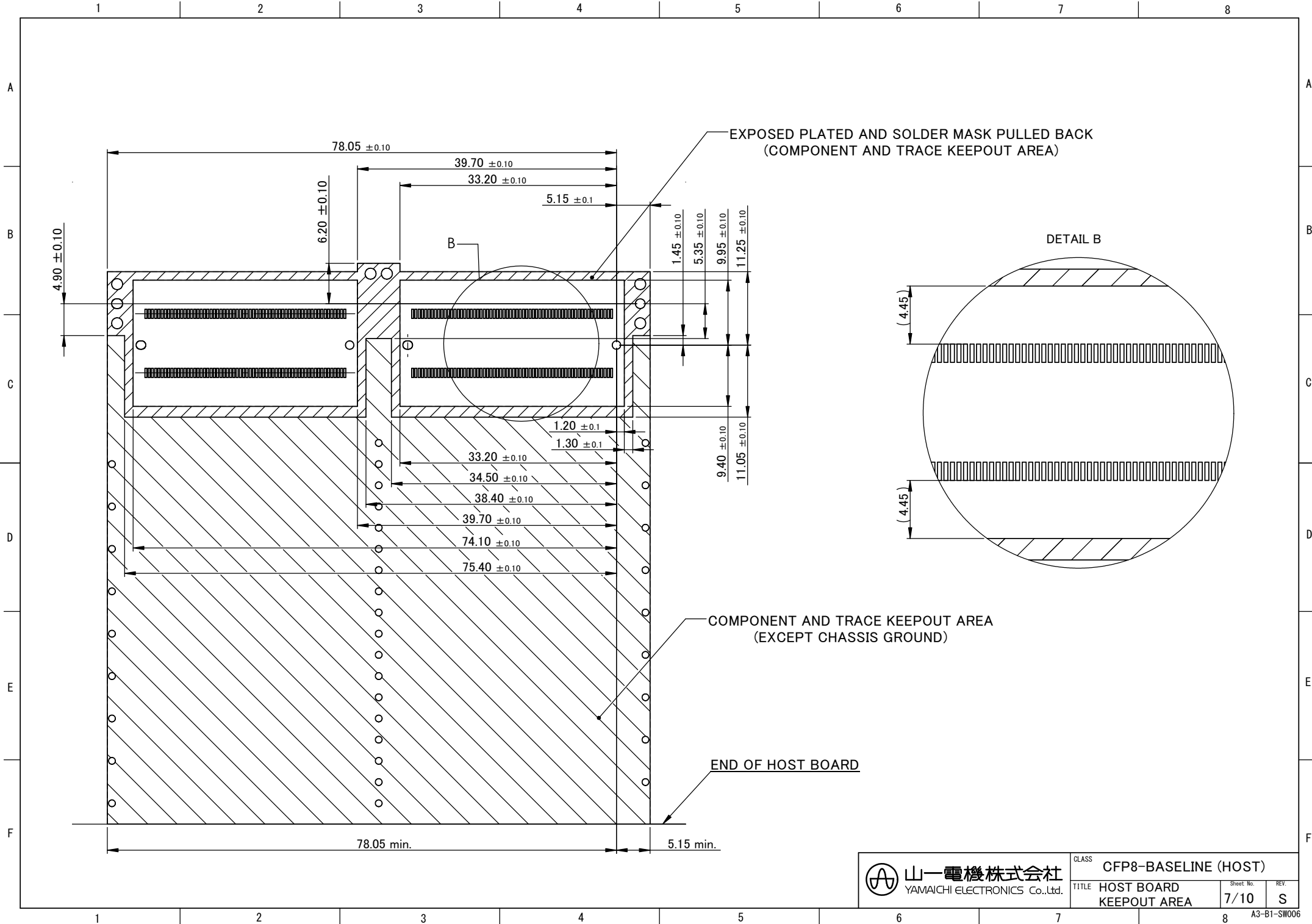


NOTE

1. THIS DRAWING SHOWS SIDE BY SIDE APPLICATION.
2. OTHER DIMENSIONS ARE SAME AS PAGE 4.

 山一電機株式会社 YAMAICHI ELECTRONICS Co.,Ltd.	CLASS	CFP8-BASELINE (HOST)		
	TITLE	HOST BOARD SIDE BY SIDE	Sheet No.	REV.
		6/10	S	

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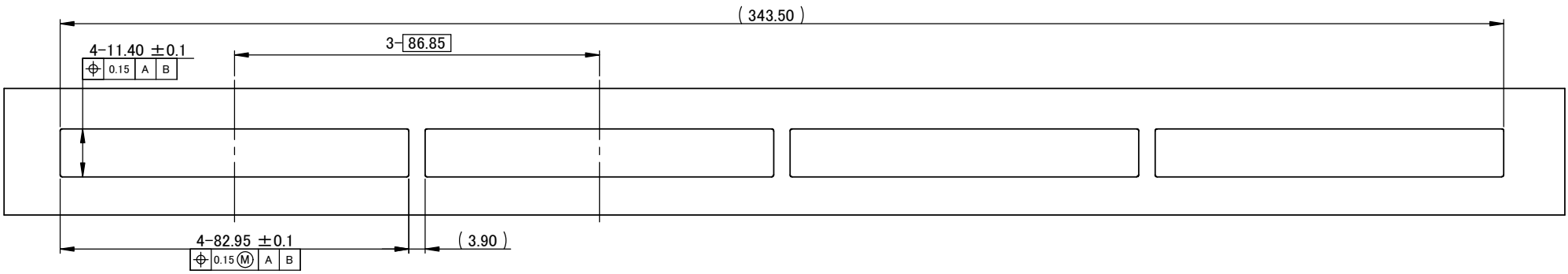
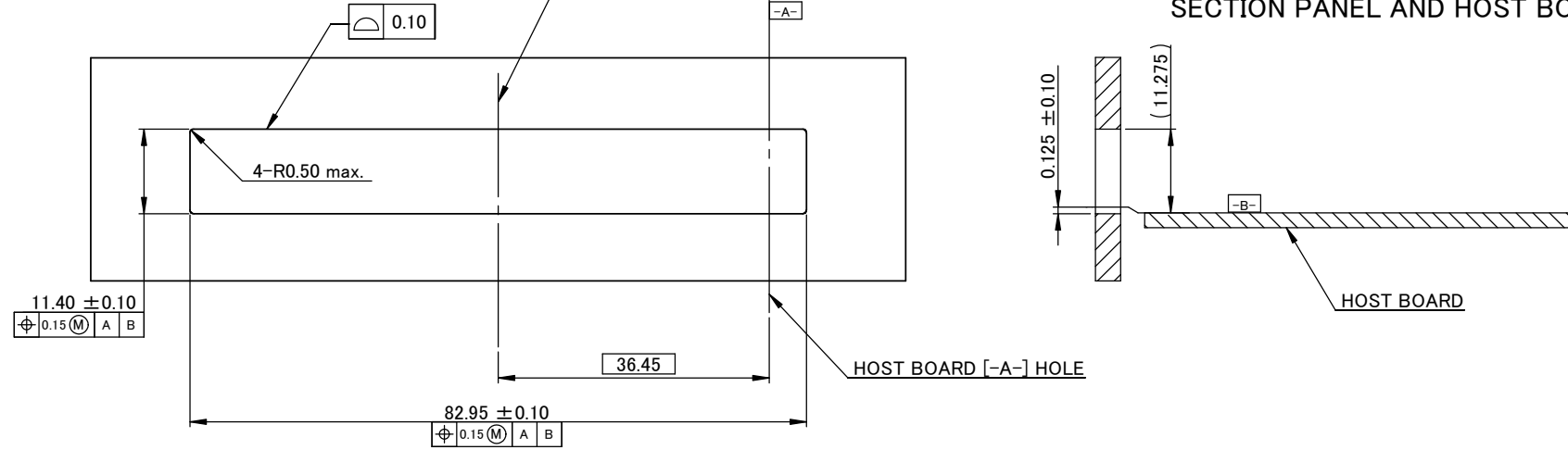
PANEL THICKNESS: 1.0 - 3.0

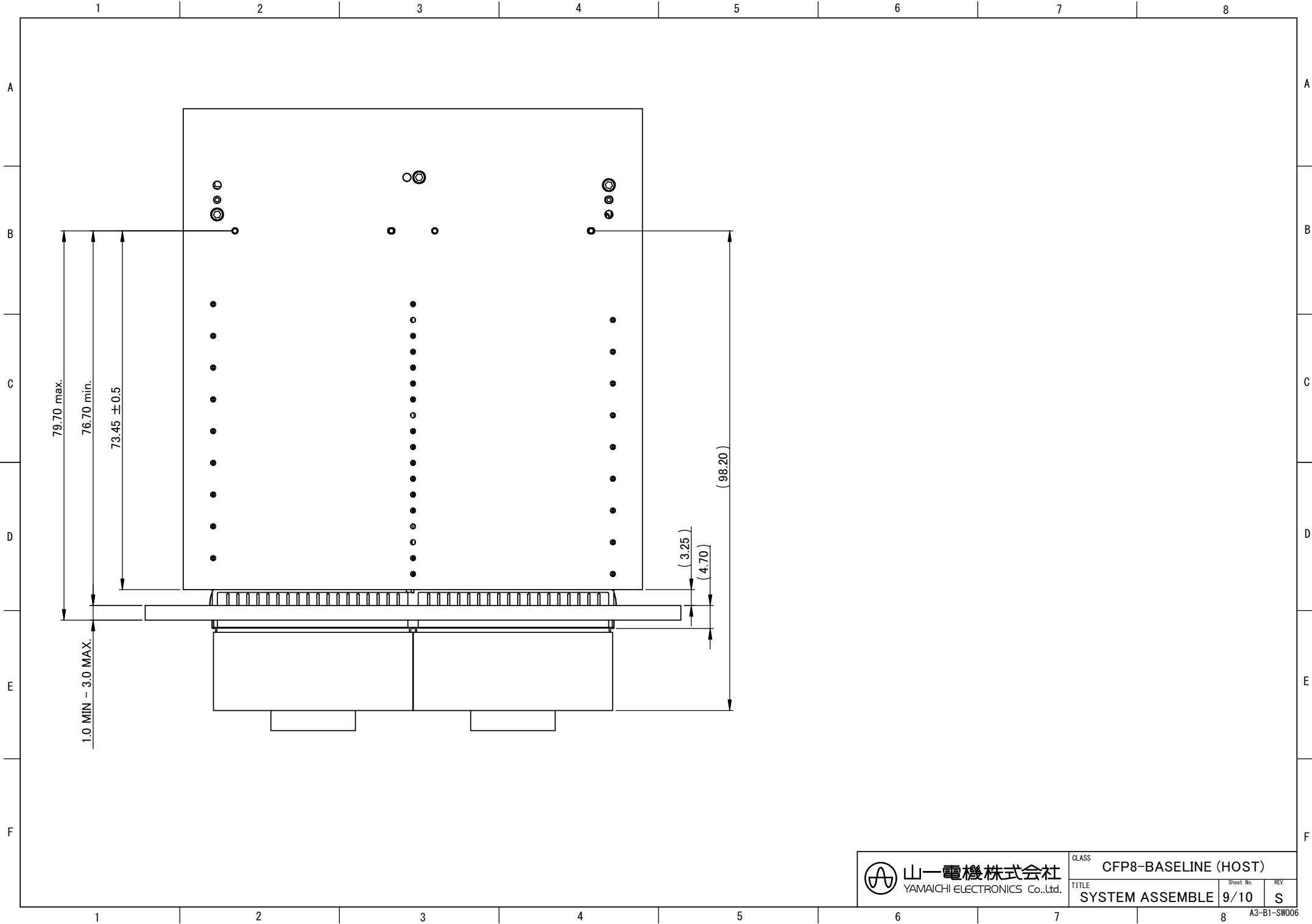
PANEL OPENING IS LOCATED FROM HOST BOARD [-A-] HOLE

SECTION PANEL AND HOST BOARD

A  
B  
C  
D  
E  
F

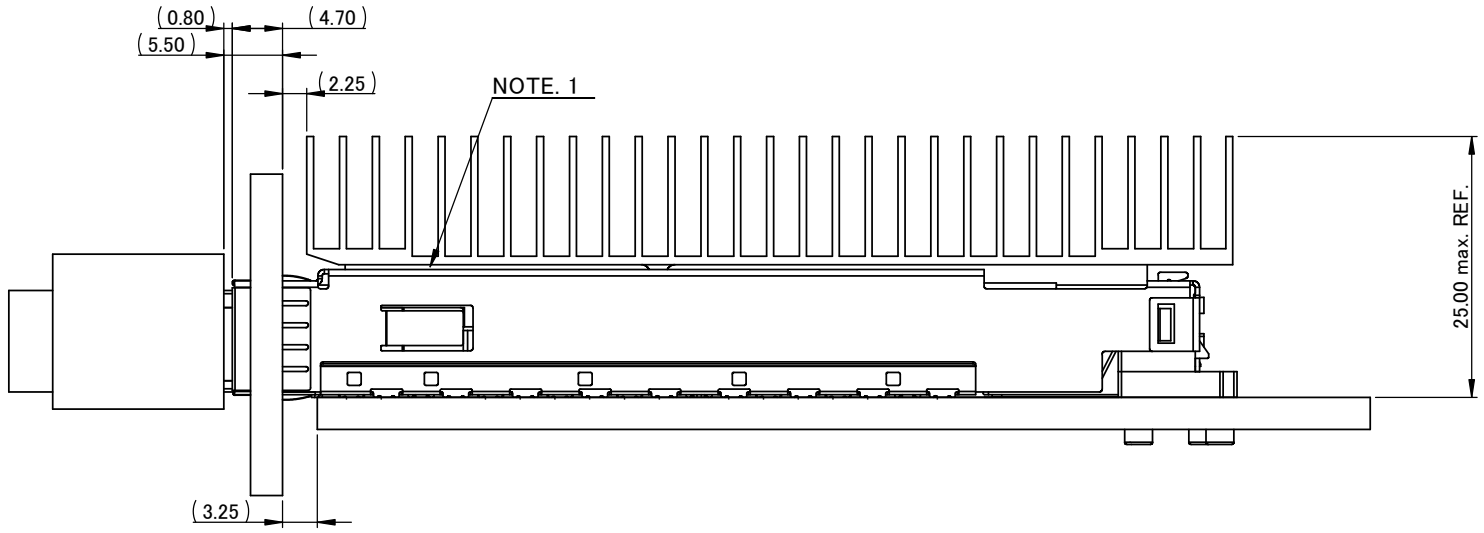
A  
B  
C  
D  
E  
F





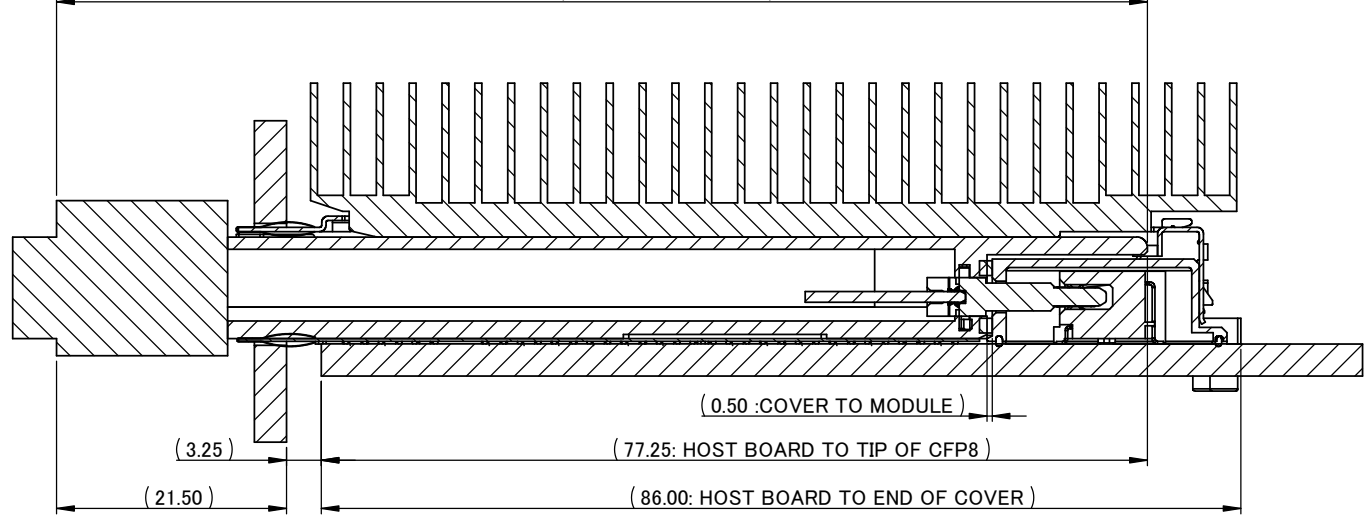
CLASS CFP8-BASELINE (HOST)

TITLE	Sheet No.	REV.
SYSTEM ASSEMBLE	9/10	S




SECTION OF CENTER

102.00 (LENGTH OF MODULE)



NOTE  
 1. CAGE LOCK OF HEAT-SINK IS OPTIONAL. WIHTOUT THE CAGE LOCK, A DIFFERENT HEATSINK DESIGN IS REQUIRED AS THE ONE SHOWN WILL NOT WORK.

 山一電機株式会社 YAMAICHI ELECTRONICS Co.,Ltd.	CLASS	CFP8-BASELINE (HOST)	
	TITLE	Sheet No.	REV.
	SYSTEM ASSEMBLE	10/10	S

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