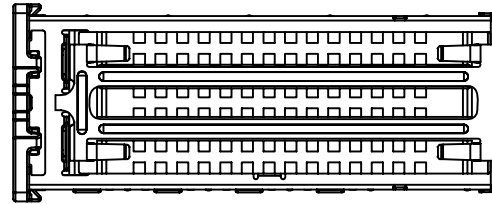
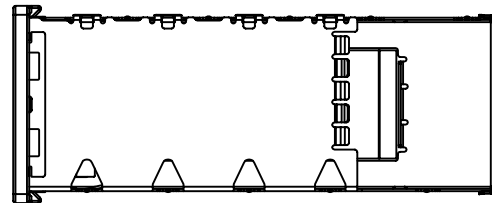
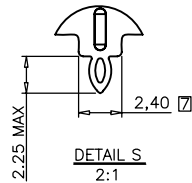
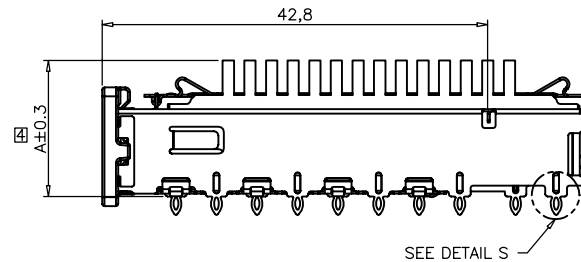
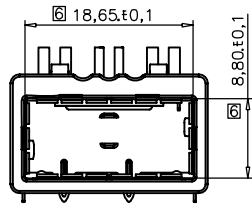


REVISION DESCRIPTION	APP.	DRW.	DATE	CHANGE No.
Δx				
Δx				
Δx				



- MATERIALS:
 CAGE ASSEMBLY: COPPER ALLOY, 0.25 THICKNESS
 EMI SPRING: STAINLESS STEEL
 FRONT FLANGE: ZINC ALLOY
 HEAT SINK: ALUMINUM
 HEAT SINK CLIP: STAINLESS STEEL
 LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE
- SPACING BETWEEN GAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
- DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.
 MINIMUM SINGLE SIDED PC BOARD THICKNESS: 1.45mm
 MINIMUM DOUBLE SIDED PC BOARD THICKNESS: 2.7mm PER QSFP
- DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.
- SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S CONTACT PC BOARD.
- EMI SPRING FINISH: CLEAR PASSIVATION
 FRONT FLANGE FINISH: OVER 8um MIN COPPER, OVER 8um MIN NICKEL
 HEAT SINK FINISH: CLEAR PASSIVATION
 HEAT SINK CLIP FINISH: CLEAR PASSIVATION
- CAGE BASED ON STD. SFF-8436 Rev 3.5.
- THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2002/95/EC.
- DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
- DATUM A IS THE TOP SURFACE OF THE HOST BOARD
- LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
- BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
- FINISHED HOLE SIZE
- UNPLATED THRU HOLE.
- CENTERLINE OF PAD
- SURFACE TRACES PERMITTED WITHIN THIS LENGTH



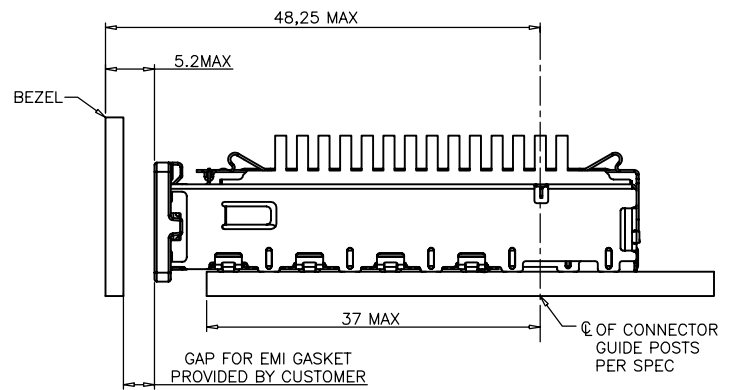
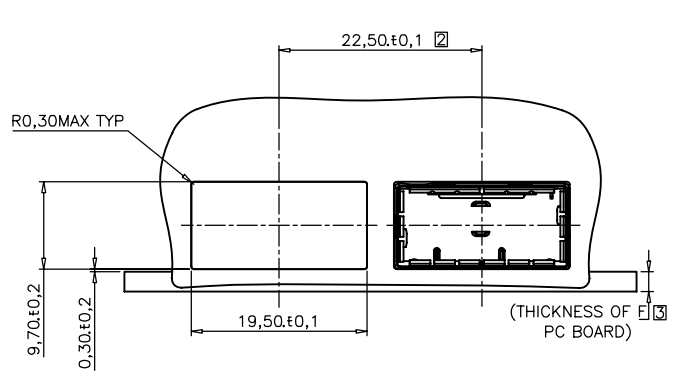
UNITS:
 MM INCH

GENERAL TOLERANCES:
 UNLESS SPECIFIED

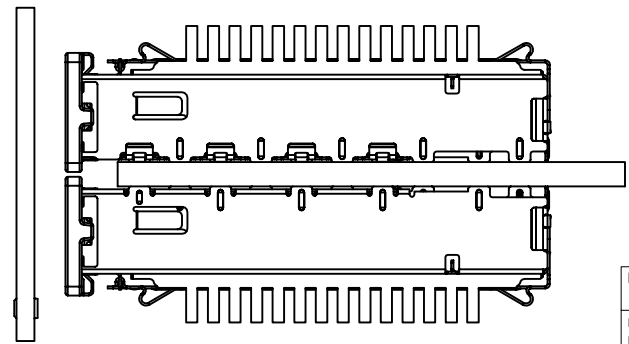
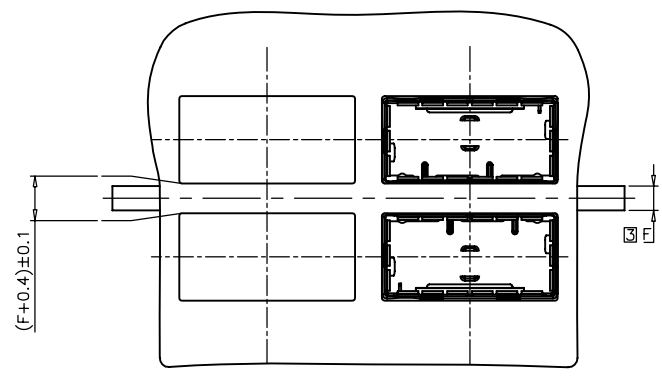
	MM	INCH
4 PLACE	±**	±**
3 PLACE	±0.1	±**
2 PLACE	±0.2	±**
1 PLACE	±0.3	±**
ANGULAR	X°±2'	X°±1'

22.1	NETWORKING	CNU120A-10-40-10	YEU-A1938
15.1	SAN	CNU120A-10-30-10	YEU-A1937
12.8	PCI	CNU120A-10-20-10	YEU-A1936
A	HEAT SINK PROFILE	PART No.	DWG No.

						CLASS	QSFP Cage Assembly		
						TITLE	CNU120A-10-xx-10		
SCALE	2/1	APP.	APP.	CHK.	DRW.	DSGN.	DRW No.	Sheet No.	REV.
DIMENSION	mm	07/16/12	07/16/12	07/16/12	07/16/12	07/16/12	YEU-A1927	1/4	A
ANGLE PROJ	3rd	K. Abe	K. Abe	O. Shimizu	O. Shimizu				



RECOMMENDED SINGLE SIDE MOUNTING BEZEL DESIGN



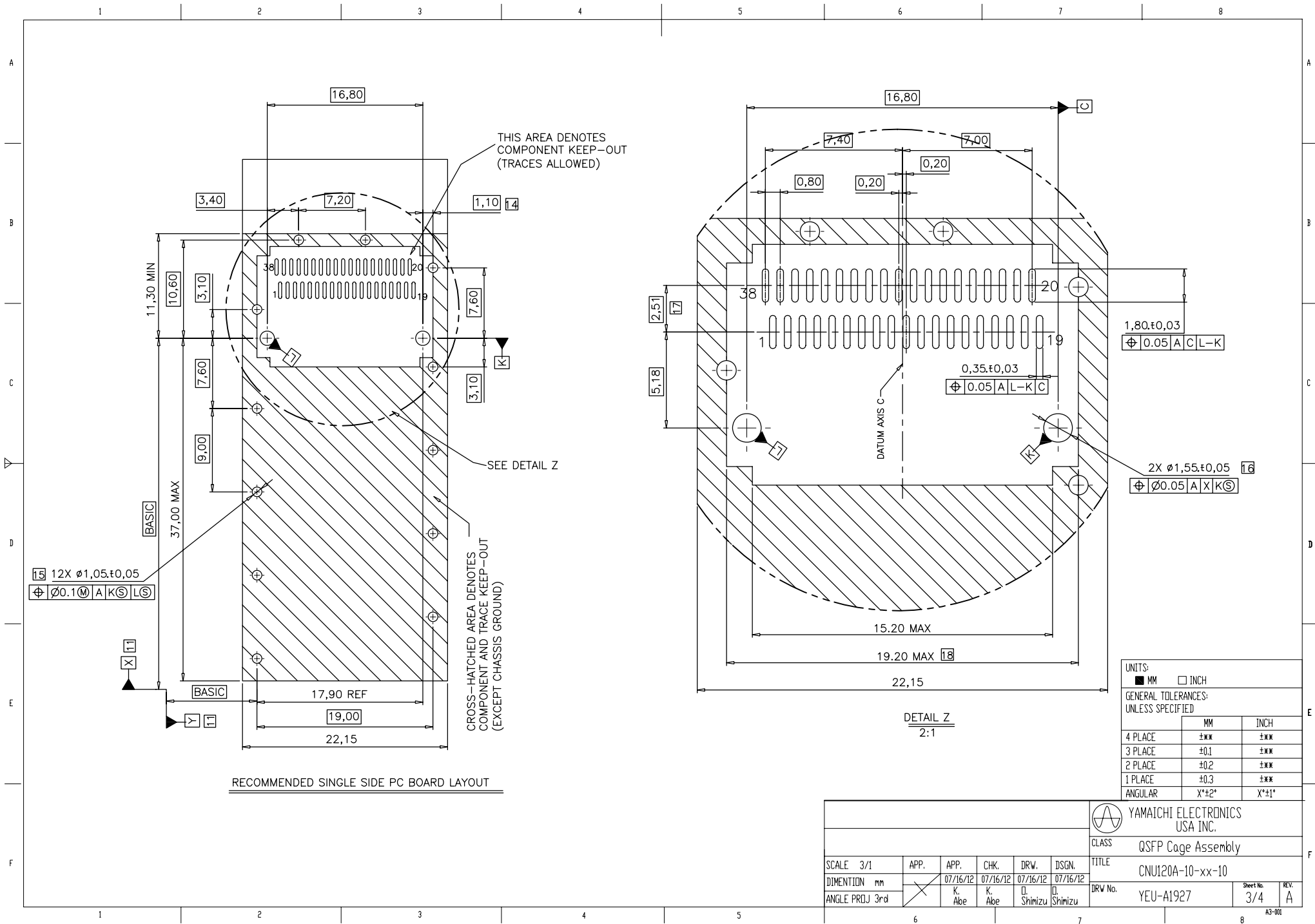
RECOMMENDED DOUBLE SIDE MOUNTING BEZEL DESIGN

UNITS:
 ■ MM □ INCH

GENERAL TOLERANCES:
 UNLESS SPECIFIED

	MM	INCH
4 PLACE	±**	±**
3 PLACE	±0.1	±**
2 PLACE	±0.2	±**
1 PLACE	±0.3	±**
ANGULAR	X°±2'	X°±1'

SCALE 2/1						YAMAICHI ELECTRONICS USA INC.		
DIMENSION mm						CLASS DSFP Cage Assembly		
ANGLE PROJ 3rd						TITLE CNU120A-10-xx-10		
APP.	APP.	CHK.	DRW.	DSGN.	DRW No. YEU-A1927			
07/16/12	07/16/12	07/16/12	07/16/12	07/16/12	Sheet No. 2/4	REV. A		
K. Abe	K. Abe	Q. Shimizu	Q. Shimizu		43-001			



THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL Z

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

15 12X $\phi 1.05 \pm 0.05$
 $\phi \phi 0.1 \text{ (M) A K (S) L (S)}$

RECOMMENDED SINGLE SIDE PC BOARD LAYOUT

DETAIL Z
2:1

UNITS:
 ■ MM □ INCH

GENERAL TOLERANCES:
 UNLESS SPECIFIED

	MM	INCH
4 PLACE	±**	±**
3 PLACE	±0.1	±**
2 PLACE	±0.2	±**
1 PLACE	±0.3	±**
ANGULAR	X°±2°	X°±1°

SCALE 3/1 DIMENSION mm ANGLE PROJ 3rd						APP. 07/16/12 K. Abe		CHK. 07/16/12 K. Abe		DRW. 07/16/12 Shimizu		DSGN. 07/16/12 Shimizu		YAMAICHI ELECTRONICS USA INC. CLASS QSFP Cage Assembly TITLE CNU120A-10-xx-10 DRW No. YEU-A1927 Sheet No. 3/4 REV. A
						YAMAICHI ELECTRONICS USA INC.		CLASS QSFP Cage Assembly		TITLE CNU120A-10-xx-10		DRW No. YEU-A1927		