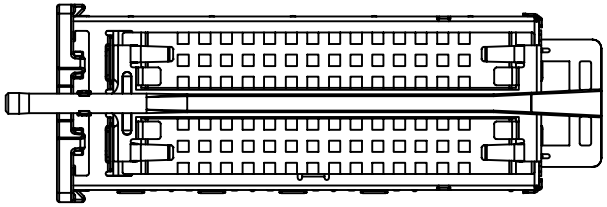
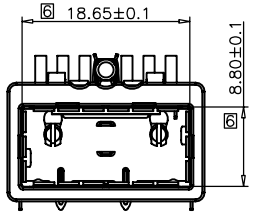
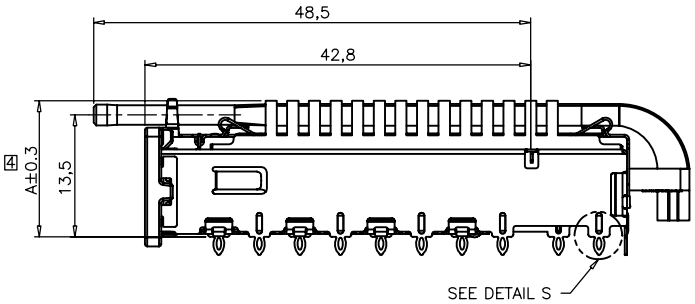
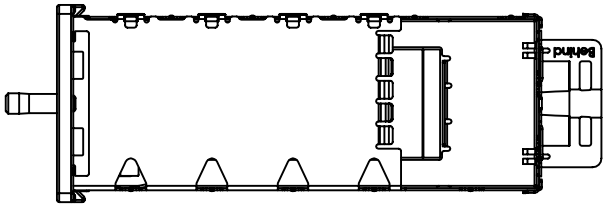
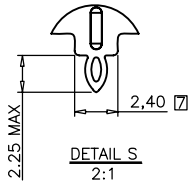
	REVISION DESCRIPTION	APP.	DRW.	DATE	CHANGE No.
⚠x					
⚠x					
⚠x					











1. 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
2. SPACING BETWEEN GAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.
3. 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
4. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
5. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
6. INSIDE SURFACE OF CASKET WHEN FULLY COMPRESSED.
7. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S CONTACT PC BOARD.
8. 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
9. CAGE BASED ON STD. SFF-8436 Rev 3.5.
10. THIS PRODUCT COMPLY TO ROHS DIRECTIVE 2002/95/EC.
11. DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
12. DATUM A IS THE TOP SURFACE OF THE HOST BOARD
13. LOCATION OF THE EDGE OF PCB IS APPLICATION SPECIFIC
14. BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.
15. FINISHED HOLE SIZE
16. UNPLATED THRU HOLE.
17. CENTERLINE OF PAD
18. 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-10-40-20	YEU-A1941
15.1	SAN	CNU120A-10-30-20	YEU-A1940
12.8	PCI	CNU120A-10-20-20	YEU-A1939
A	HEAT SINK PROFILE	PART No.	DWG No.

SCALE 2/1	APP.	APP.	CHK.	DRW.	DSGN.
DIMENTION mm		07/16/12	07/16/12	07/16/12	07/16/12
ANGLE PROJ 3rd		K. Abe	K. Abe	D. Shimizu	D. Shimizu

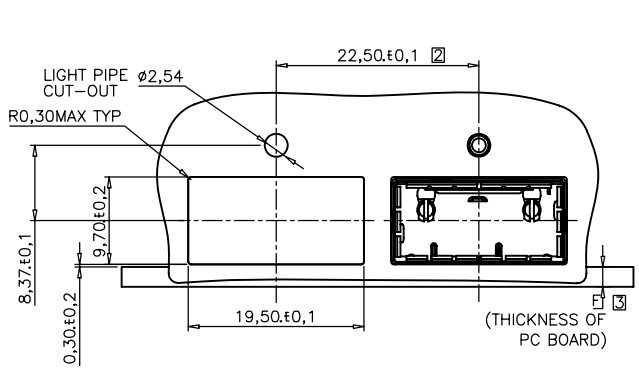
YAMAICHI ELECTRONICS USA INC.

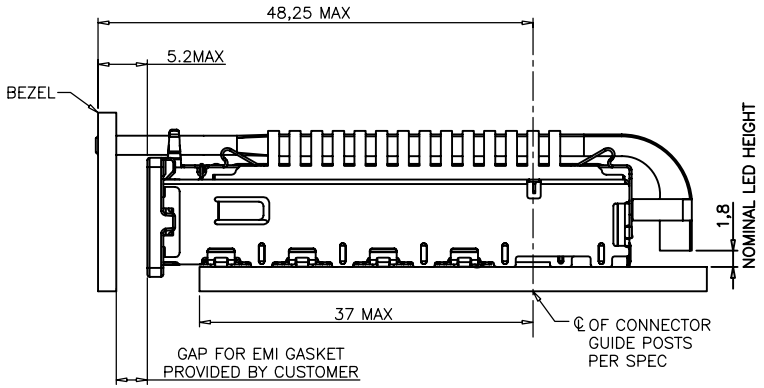
CLASS QSFP Cage Assembly

TITLE CNU120A-10-xx-20

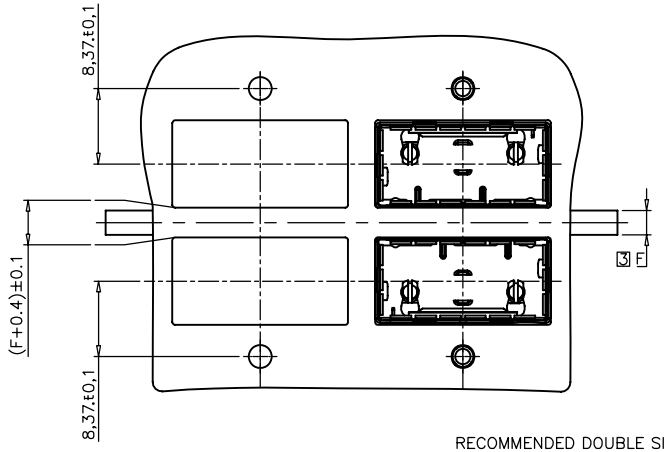
DRW No. YEU-A1928 | Sheet No. 1/4 | REV. A

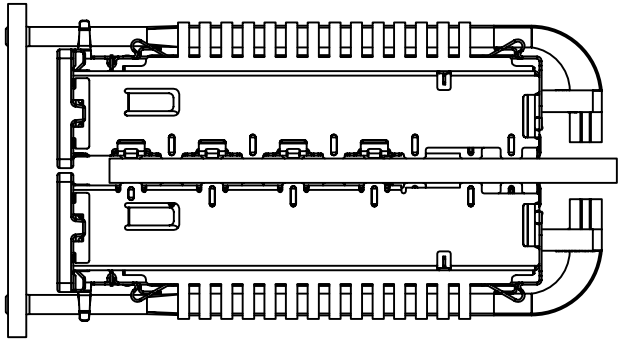
A3-001





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°

	APP.	APP.	CHK.	DRW.	DSGN.
		07/16/12	07/16/12	07/16/12	07/16/12
		K. Abe	K. Abe	D. Shimizu	D. Shimizu

SCALE 2/1
DIMENTION mm
ANGLE PROJ 3rd

YAMAICHI ELECTRONICS USA INC.

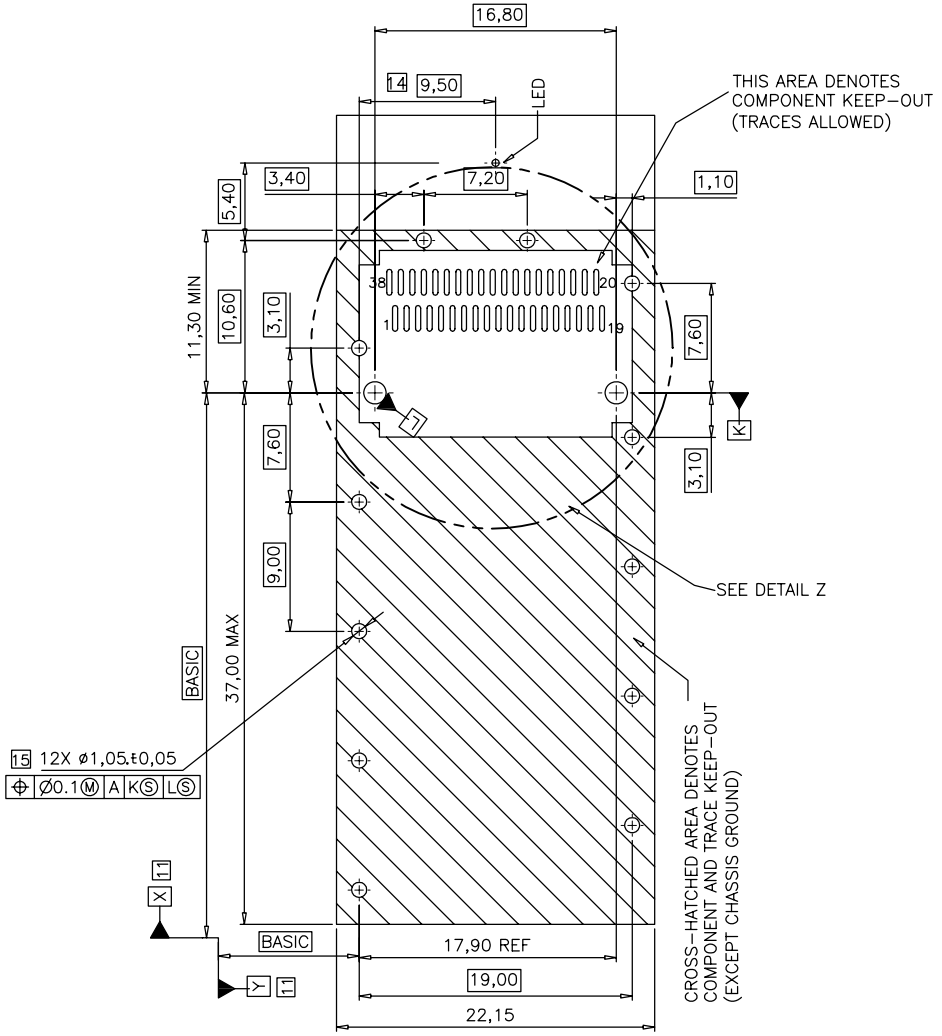
CLASS QSFP Cage Assembly

TITLE CNU120A-10-xx-20

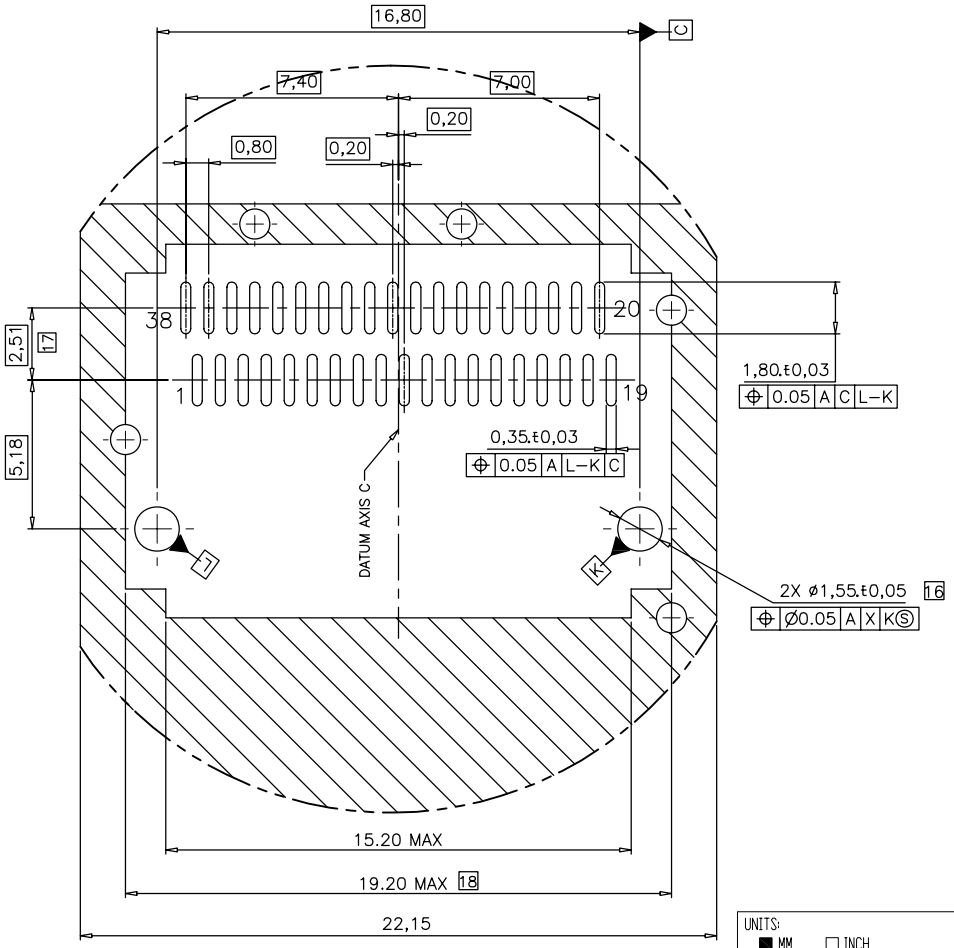
DRW No. YEU-A1928

Sheet No. 2/4

REV. A



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	APP.	APP.	CHK.	DRW.	DSGN.
DIMENTION mm		07/16/12	07/16/12	07/16/12	07/16/12
ANGLE PROJ 3rd		K. Abe	K. Abe	D. Shimizu	D. Shimizu

YAMAICHI ELECTRONICS USA INC.

CLASS QSFP Cage Assembly

TITLE CNU120A-10-xx-20

DRW No. YEU-A1928 | Sheet No. 3/4 | REV. A

A3-001