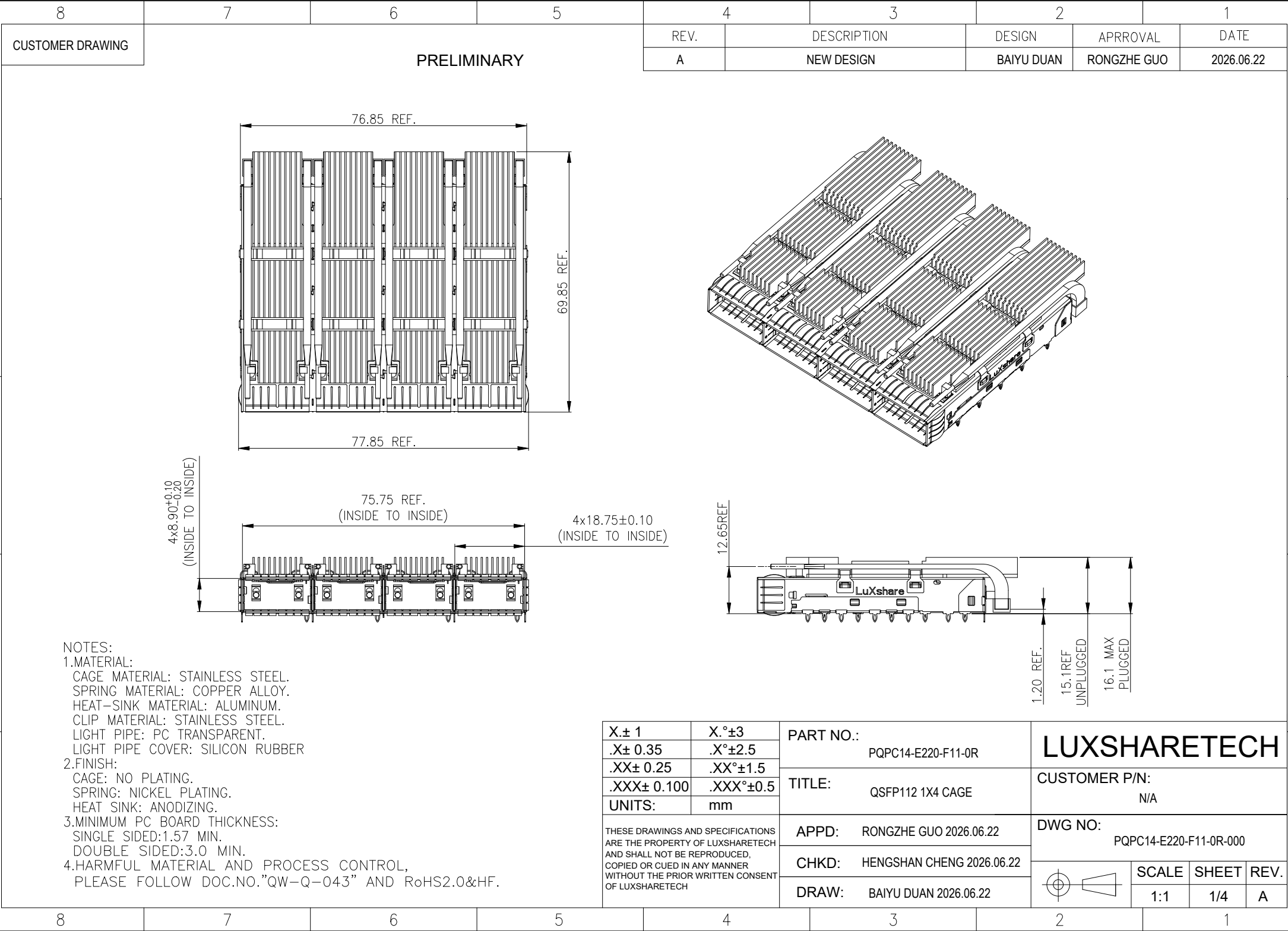




PRELIMINARY

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

BSC
SEE NOET 1

X
Y

37.00 MAX

34.60

30.10

25.60

21.10

16.60

12.10

7.60

3.10

0.00

3.10

7.60

12.79

BSC SEE NOTE 1

29X $\phi 1.05 \pm 0.05$
 $\phi 0.100$ A|K|L

DATUM -A- IS
THE TOP
SURFACE OF
HOST BOARD

76.48 Min

74.90

72.78

55.90

54.28

36.90

35.28

17.90

16.80

16.28

0.00

1.10

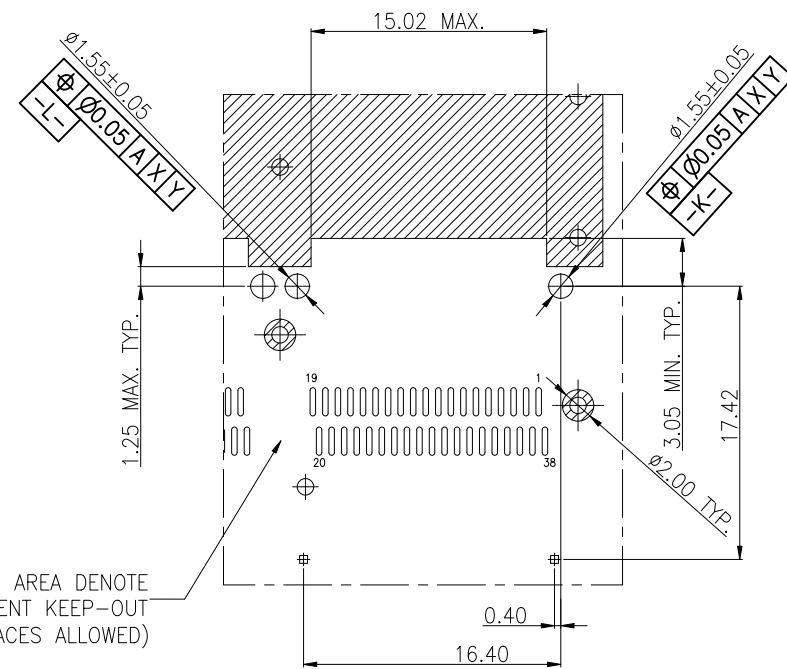
2.68 Min

4.50

HOLE OF
ADJACENT CAGE

DETAIL 1

AREA DENOTE
COMPONENT KEEP-OUT
(TRACES ALLOWED)



DETAIL 1
SCALE 2:1

RECOMMENDED PCB LAYOUT FOR SINGLE SIDE MOUNTING
PCB TOLERANCE: ± 0.05

NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.
2. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMENDED PADS TO BE 2.00 SQUARE)
3. RECOMMENDED THRU HOLE PLATING INCLUDES HASL,OSP,OR IMMERSION (GOLD,SILVER OR TIN)
4. HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 19mm
5. FINISHED HOLE SIZE.

X.± 1	X.°±3
.X± 0.35	.X°±2.5
.XX± 0.25	.XX°±1.5
.XXX± 0.100	.XXX°±0.5
UNITS:	mm

THESE DRAWINGS AND SPECIFICATIONS
ARE THE PROPERTY OF LUXSHARETECH
AND SHALL NOT BE REPRODUCED,
COPIED OR CUED IN ANY MANNER
WITHOUT THE PRIOR WRITTEN CONSENT
OF LUXSHARETECH

PART NO.: PQPC14-E220-F11-0R	LUXSHARETECH		
TITLE: QSFP112 1X4 CAGE	CUSTOMER P/N: N/A		
APPD: RONGZHE GUO 2026.06.22	DWG NO: PQPC14-E220-F11-0R-000		
CHKD: HENGSHAN CHENG 2026.06.22		SCALE	SHEET
DRAW: BAIYU DUAN 2026.06.22		1:1	2/4
			REV. A

PRELIMINARY

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

BSC
SEE NOET 1

X
Y

37.00 MAX

BSC SEE NOTE 1

$\phi 1.05 \pm 0.05$
 $\phi 20.100$ A/K/L

DATUM -A- IS
THE TOP
SURFACE OF
HOST BOARD

76.48 Min

74.90

72.78

57.52

55.90

54.28

38.52

36.90

35.28

19.52

17.90

16.80

16.28

1.02

0.00

1.10

4.50 HOLE OF
ADJACENT CAGE

2.68 Min

DETAIL 1

THIS AREA DENOTE
COMPONENT KEEP-OUT
(TRACES ALLOWED)

1.25 MAX. TYP.

15.02 MAX.

$\phi 1.55 \pm 0.05$
 $\phi 20.05$ A/X/Y

$\phi 1.55 \pm 0.05$
 $\phi 20.05$ A/X/Y

3.05 MIN. TYP.

17.42

0.40

16.40

DETAIL 1
SCALE 2:1

RECOMMENDED PCB LAYOUT FOR BELLY TO BELLY MOUNTING
PCB TOLERANCE: ± 0.05

NOTES:

- DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.
- PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMENDED PADS TO BE 2.00 SQUARE)
- RECOMMENDED THRU HOLE PLATING INCLUDES HASL,OSP,OR IMMERSION (GOLD,SILVER OR TIN)
- HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 19mm
- FINISHED HOLE SIZE.

X.± 1	X.°±3
.X± 0.35	.X°±2.5
.XX± 0.25	.XX°±1.5
.XXX± 0.100	.XXX°±0.5
UNITS:	mm

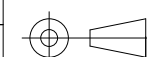
THESE DRAWINGS AND SPECIFICATIONS
ARE THE PROPERTY OF LUXSHARETECH
AND SHALL NOT BE REPRODUCED,
COPIED OR CUED IN ANY MANNER
WITHOUT THE PRIOR WRITTEN CONSENT
OF LUXSHARETECH

PART NO.:	PQPC14-E220-F11-0R
TITLE:	QSFP112 1X4 CAGE
APPD:	RONGZHE GUO 2026.06.22
CHKD:	HENGSHAN CHENG 2026.06.22
DRAW:	BAIYU DUAN 2026.06.22

LUXSHARETECH

CUSTOMER P/N:
N/A

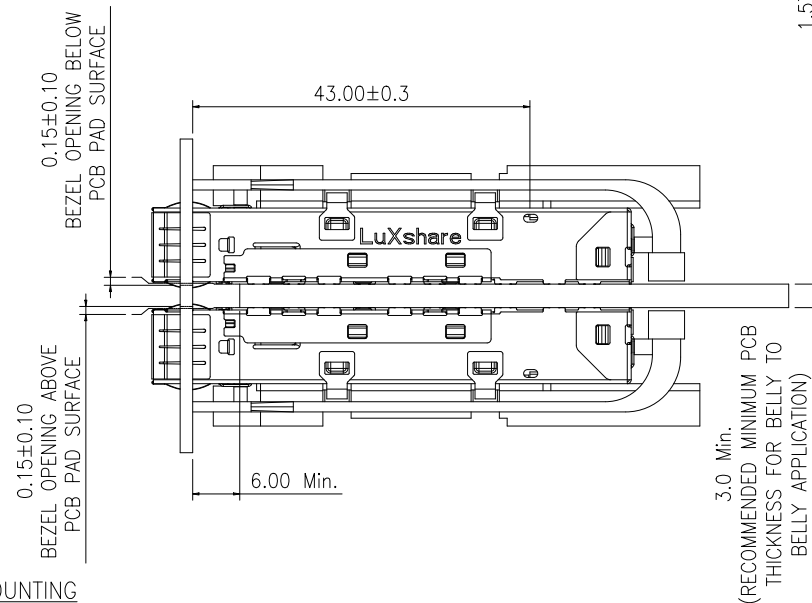
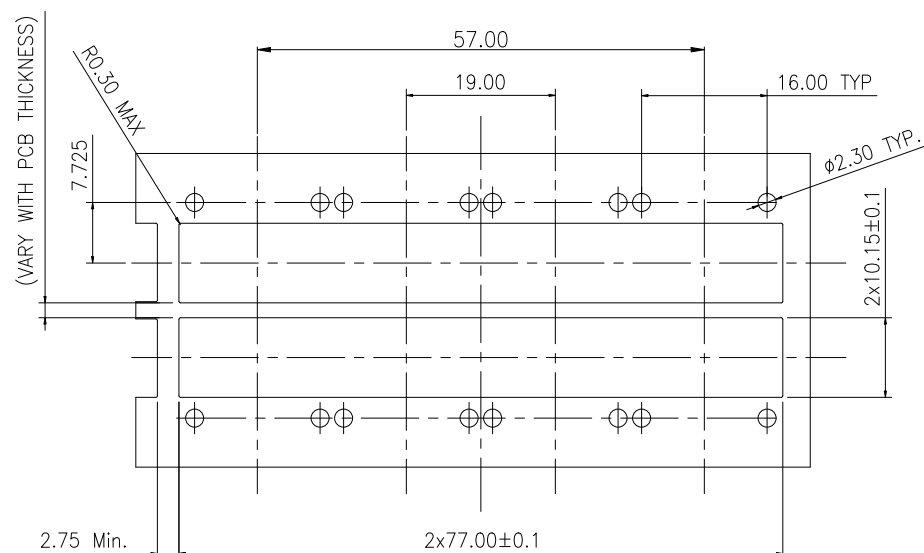
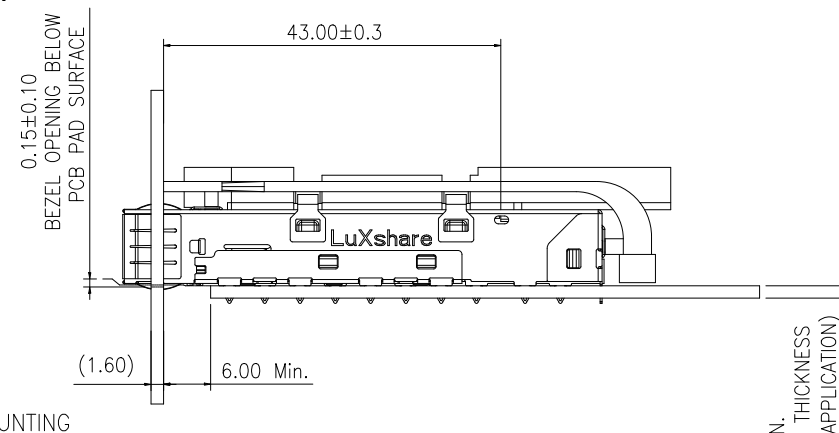
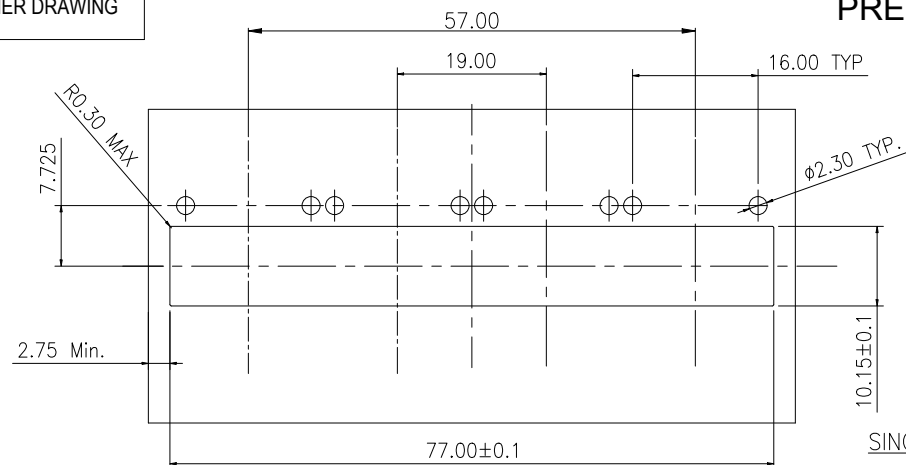
DWG NO:
PQPC14-E220-F11-0R-000



SCALE	SHEET	REV.
1:1	3/4	A

CUSTOMER DRAWING

PRELIMINARY



BELLY TO BELLY MOUNTING
(FOR REFERENCE ONLY)

X.± 1		X.°±3		PART NO.: PQPC14-E220-F11-0R		LUXSHARETECH			
.X± 0.35		.X°±2.5							
.XX± 0.25		.XX°±1.5		TITLE: QSFP112 1X4 CAGE		CUSTOMER P/N: N/A			
.XXX± 0.100		.XXX°±0.5							
UNITS:		mm		APPD: RONGZHE GUO 2026.06.22 CHKD: HENGSHAN CHENG 2026.06.22 DRAW: BAIYU DUAN 2026.06.22		DWG NO: PQPC14-E220-F11-0R-000  SCALE SHEET 4/4 REV A			
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARETECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARETECH									