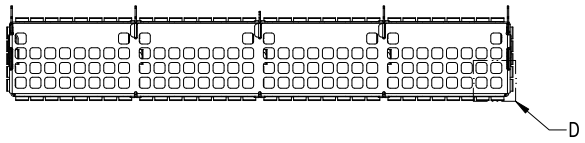
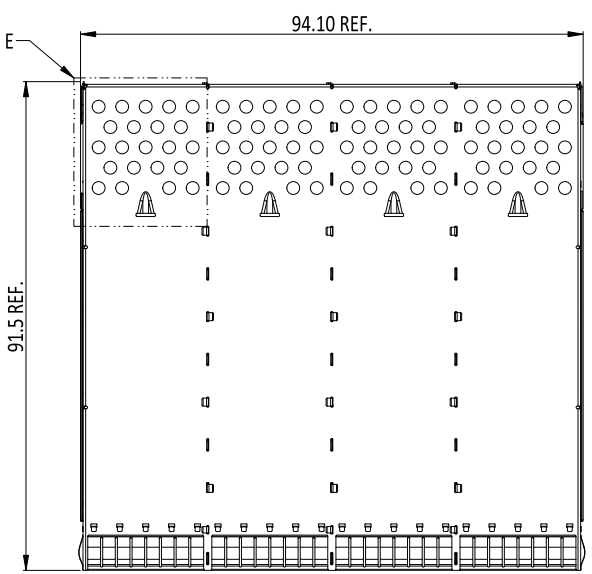
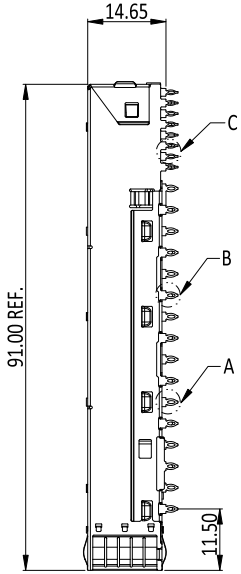
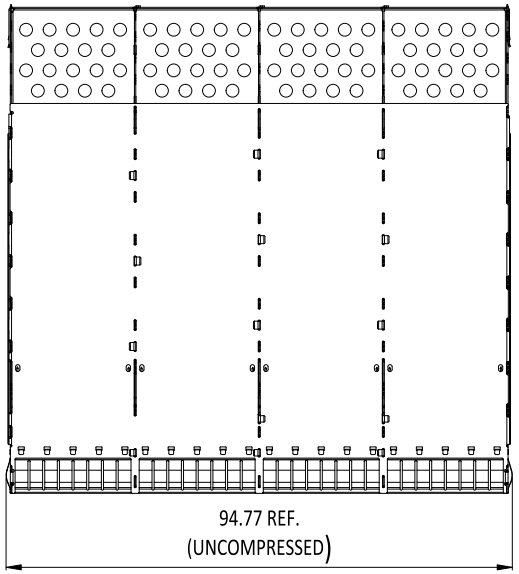
RoHS compliant

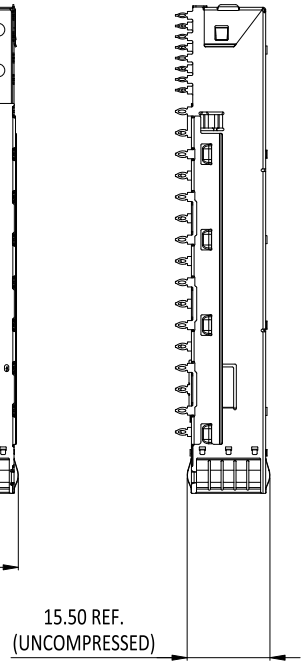
Chant Sincere Co., Ltd. 12JAN2024 Research & Development Dept.

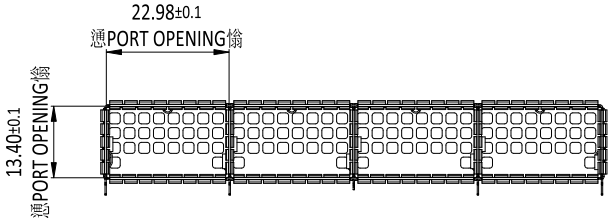












ITEM	NEW P/N	OLD P/N	SHELL PLATING/TYPE	NOTE
1	59157030010	902GEA4P00C910A0	NO PLATING/THROUGH BEZEL	
2				

UNLESS OTHERWISE SPECIFIED TOLERANCE
3 PLACE ± 0.1
2 PLACE ± 0.2
1 PLACE ± 0.3
ANGLES X°±2°

SIP
ST Cmk Cpk

CHANT SINCERE CO.,LTD

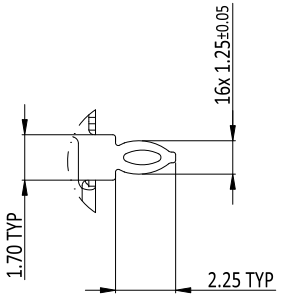
SCALE: AS SHOWN
UNIT: mm

ZONE	REVISION	DESCRIPTION	DATE
	A	ECN-2312043(JOLIN)NEW P/N	12DEC2023
	X1	ECR-2203023(MIN_HUNG)	09MAR2022

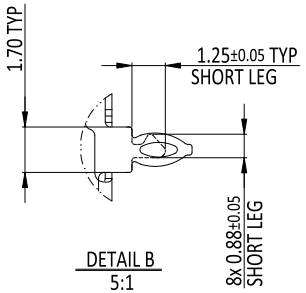
DRAWN: XINGRU_LAI 22 Dec 2023
CHECKED: PEARL_HUNG 28 Dec 2023
APPROVED: PEARL_HUNG 28 Dec 2023

TITLE: OSFP 1x4 CAGE ASSEMBLY
PART NO. 5915703XXXX
SIZE A4 SHEET 1/5 REV. A
CODE: X8 CUSTOMER:

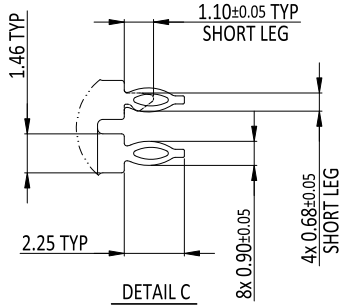
RoHS compliant



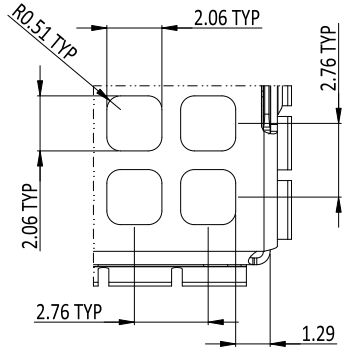
DETAIL A
5:1



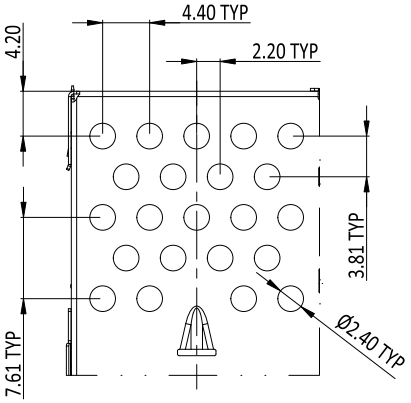
DETAIL B
5:1



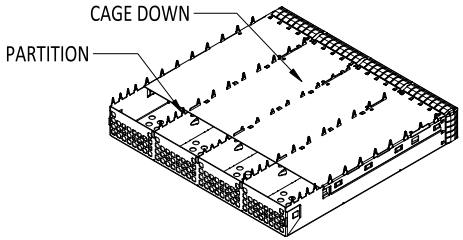
DETAIL C
5:1



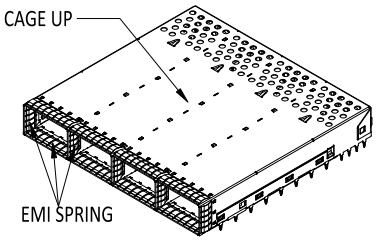
DETAIL D
5:1



DETAIL E
2:1



3D MOUDLE
SCALE 1:2



3D MOUDLE
SCALE 1:2

SPECIFICATION

MATERIAL AND FINISH:
1. CAGE UP: STAINLESS STEEL, 0.25mm THICKNESS
2. CAGE DOWN: STAINLESS STEEL, 0.25mm THICKNESS
3. PARTITION: STAINLESS STEEL, 0.25mm THICKNESS
4. EMI SPRING: STAINLESS STEEL, 0.06mm THICKNESS

SURFACE FINISH:
1. CAGE UP: CLEANING
2. CAGE DOWN: CLEANING
3. PARTITION: CLEANING
4. EMI SPRING: CLEANING

MATE WITH OSFP MSA COMPATIBLE TRANSCEIVER

REFERENCE DOCUMENTS:
1. OSFP MSA SPECIFIC FOR OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE

Chant Sincere Co., Ltd. 12JAN2024 Research & Development Dept.

ZONE	REVISION	DESCRIPTION	DATE
	A	ECN-2312043(JOLIN)NEW P/N	12DEC2023
	X1	ECR-2203023(MIN_HUNG)	09MAR2022

UNLESS OTHERWISE SPECIFIED TOLERANCE
3 PLACE ± 0.1
2 PLACE ± 0.2
1 PLACE ± 0.3
ANGLES X°±2°

SIP
ST Cmk Cpk

SCALE: AS SHOWN | UNIT: mm

DRAWN: XINGRU_LAI 22 Dec 2023
CHECKED: PEARL_HUNG 28 Dec 2023
APPROVED: PEARL_HUNG 28 Dec 2023

SIZE A4 | SHEET 2/5 | REV. A

CHANT SINCERE CO.,LTD

TITLE: OSFP 1x4 CAGE ASSEMBLY

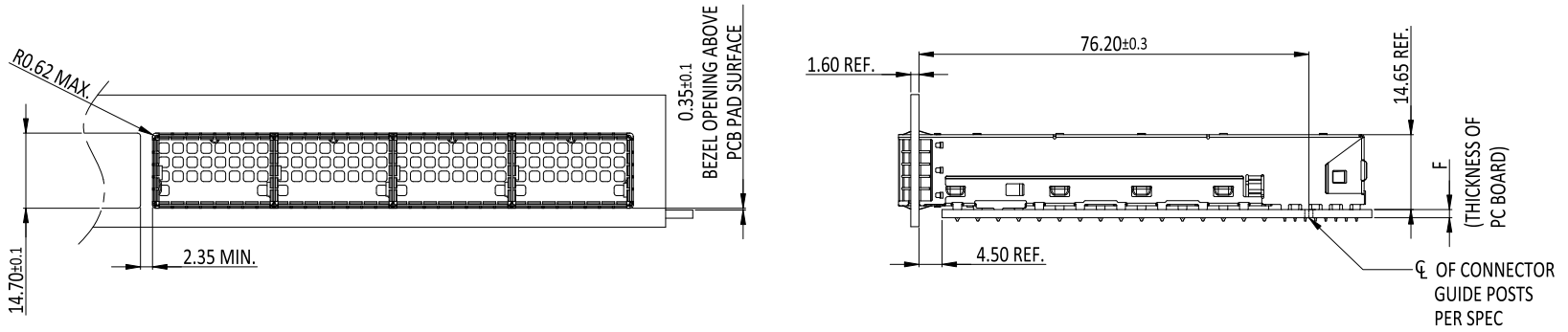
PART NO. 5915703XXXX

CODE: X8 | CUSTOMER:

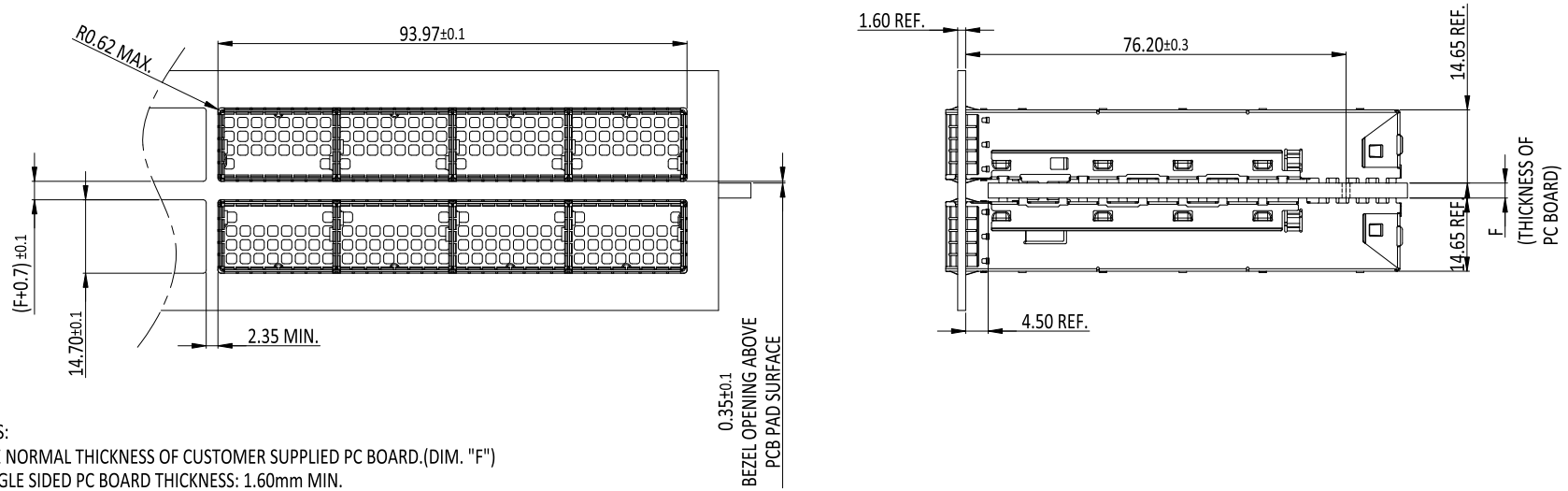
RoHS compliant

Chant Sincere Co., Ltd. 12JAN2024 Research & Development Dept.

BEZEL AND BOARD POSITION DIMENSION FOR SINGLE SIDE MOUNTING



BEZEL AND BOARD POSITION DIMENSION FOR BELLY TO BELLY MOUNTING



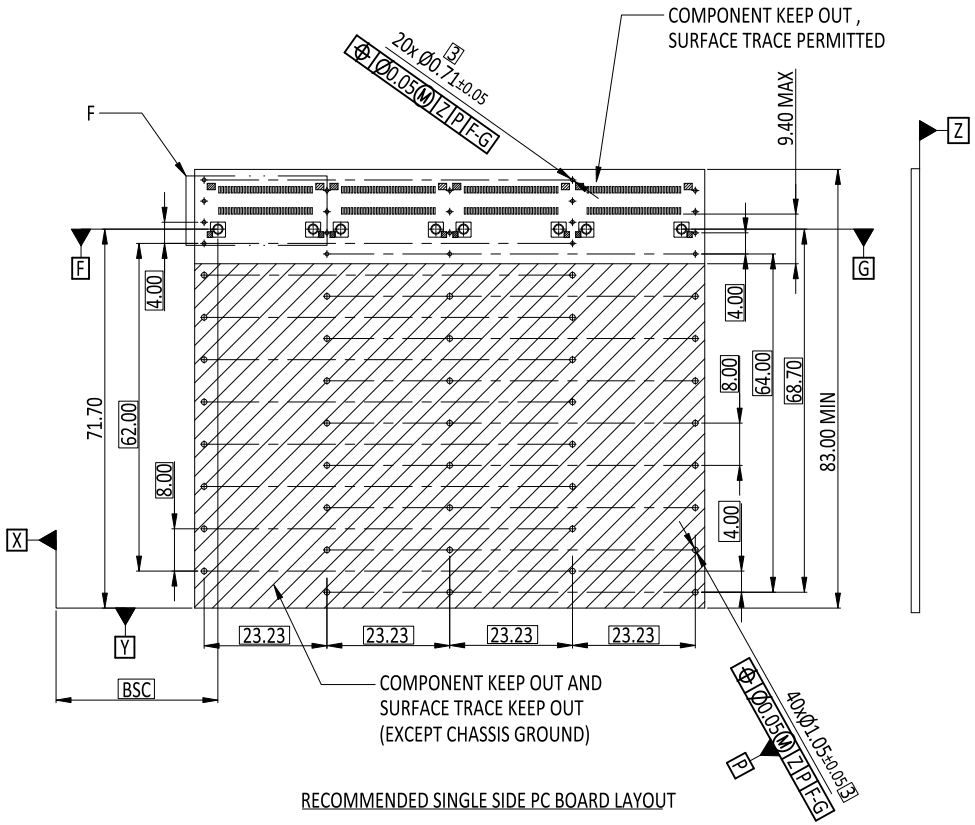
NOTES:
1. THE NORMAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.(DIM. "F")
   SINGLE SIDED PC BOARD THICKNESS: 1.60mm MIN.
   BELLY TO BELLY PC BOARD MIN. THICKNESS: 3.0mm MIN.
2. GENERAL DIMENSIONAL TOLERANCE ±0.05mm

UNLESS OTHERWISE SPECIFIED TOLERANCE 3 PLACE ± 0.1 2 PLACE ± 0.2 1 PLACE ± 0.3 ANGLES X°±2°		SIP ST Cmk Cpk	CHANT SINCERE CO.,LTD
SCALE: AS SHOWN		UNIT: mm	
DRAWN: XINGRU_LAI		22 Dec 2023	TITLE: OSFP 1x4 CAGE ASSEMBLY
CHECKED: PEARL_HUNG		28 Dec 2023	
APPROVED: PEARL_HUNG		28 Dec 2023	PART NO. 5915703XXXX
SIZE A4	SHEET 3/5	REV. A	CODE: X8 CUSTOMER:

ZONE	REVISION	DESCRIPTION	DATE
	A	ECN-2312043(JOLIN)NEW P/N	12DEC2023
	X1	ECR-2203023(MIN_HUNG)	09MAR2022

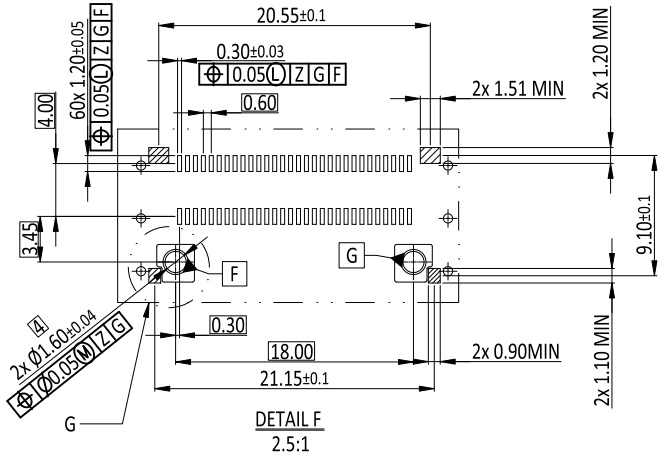
RoHS compliant

Chant Sincere Co., Ltd. 12JAN2024 Research & Development Dept.



RECOMMENDED SINGLE SIDE PC BOARD LAYOUT

NOTE:
1. DATUM X & Y ARE ESTABLISHED BY THE CUSTOMER'S FIDUCIAL
2. DATUM Z IS THE TOP SURFACE OF THE HOST BOARD
3. FINISHED HOLE SIZE
4. UNPLATED THRU HOLE



DETAIL F
2.5:1

UNLESS OTHERWISE SPECIFIED TOLERANCE 3 PLACE ± 0.1 2 PLACE ± 0.2 1 PLACE ± 0.3 ANGLES X°±2°		SIP ST Cmk Cpk	CHANT SINCERE CO.,LTD
SCALE: AS SHOWN		UNIT: mm	
DRAWN: XINGRU_LAI		22 Dec 2023	TITLE: OSFP 1x4 CAGE ASSEMBLY
CHECKED: PEARL_HUNG		28 Dec 2023	
APPROVED: PEARL_HUNG		28 Dec 2023	PART NO. 5915703XXXX
SIZE A4	SHEET 4/5	REV. A	CODE: X8 CUSTOMER:

ZONE	REVISION	DESCRIPTION	DATE
	A	ECN-2312043(JOLIN)NEW P/N	12DEC2023
	X1	ECR-2203023(MIN_HUNG)	09MAR2022

RoHS compliant

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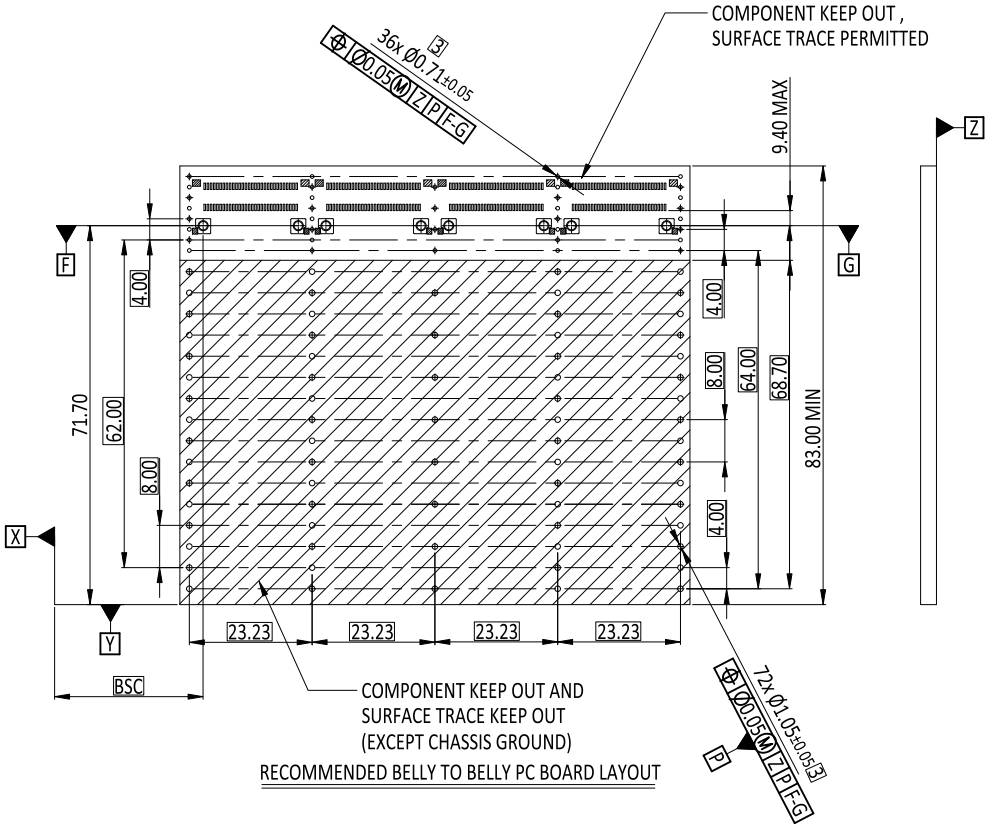
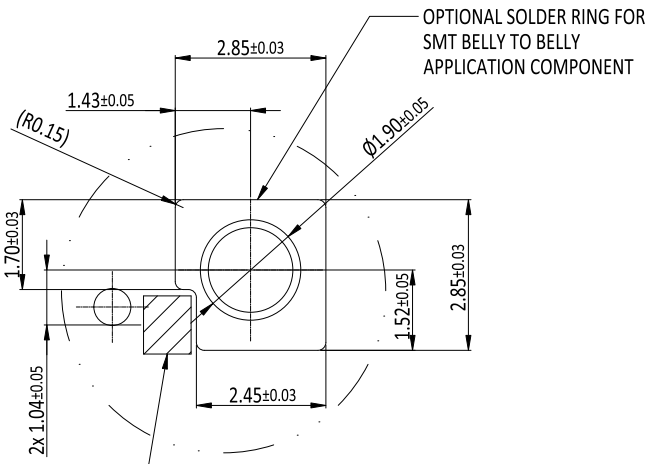


RECOMMENDED BELLY TO BELLY PC BOARD LAYOUT



DETAIL G
10:1

UNLESS OTHERWISE SPECIFIED TOLERANCE		SIP	CHANT SINCERE CO.,LTD
3 PLACE ± 0.1		ST Cmk Cpk	
2 PLACE ± 0.2			
1 PLACE ± 0.3			
ANGLES X°±2°			
SCALE: AS SHOWN	UNIT: mm		

ZONE	REVISION	DESCRIPTION	DATE				
				DRAWN: XINGRU_LAI	22 Dec 2023	TITLE: OSFP 1x4 CAGE ASSEMBLY	
	A	ECN-2312043(JOLIN)NEW P/N	12DEC2023	CHECKED: PEARL_HUNG	28 Dec 2023		
	X1	ECR-2203023(MIN_HUNG)	09MAR2022	APPROVED: PEARL_HUNG	28 Dec 2023	PART NO. 5915703XXXX	
				SIZE A4	SHEET 5/5 REV. A	CODE: X8	CUSTOMER: