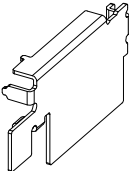
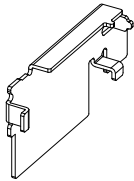
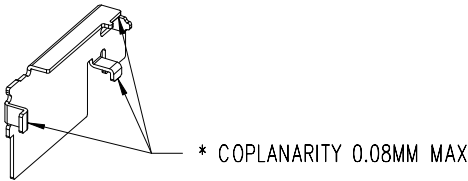
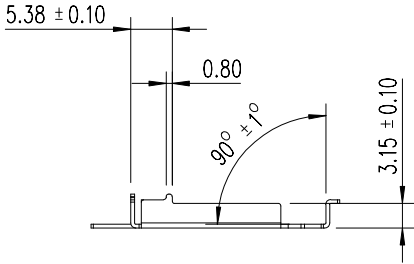


ITEM	CORP.	P/N
1	Space X	S00038811
2	WNC	81XPAD15.GAN
		3S.005FR.111

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

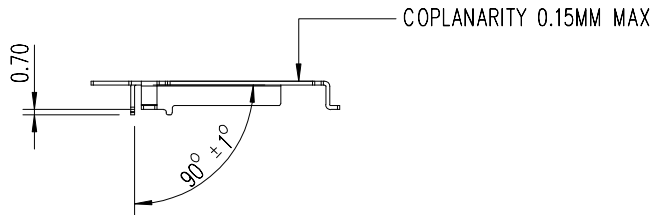
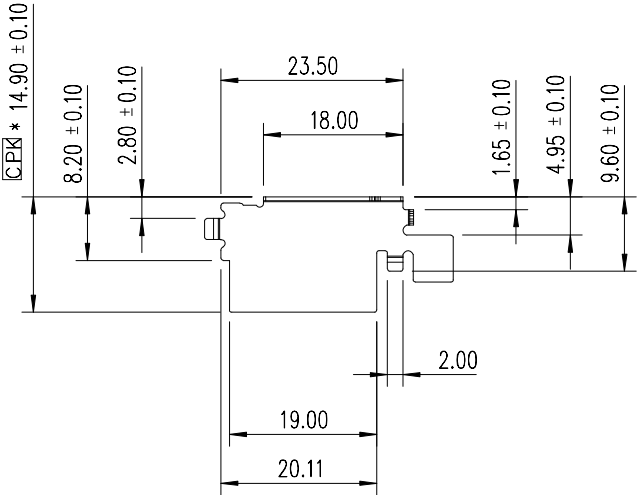
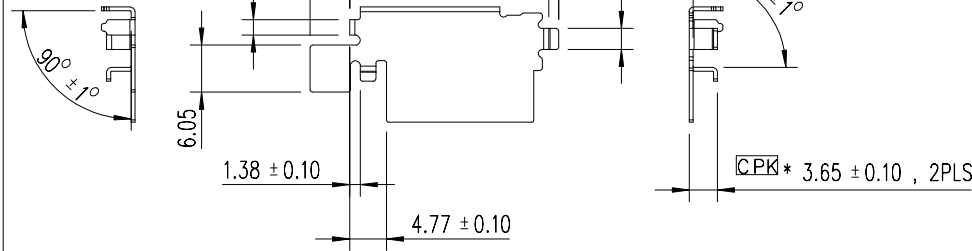


- NOTES :
1. GENERAL:
- 1.1 3D DATABASE FEATURES TAKE PRECEDENCE OVER 2D DRAWINGS, REFER TO 3D DATABASE FILE.
- 1.2 DIMENSIONING AND TOLERANCING ARE PER ASME Y14.5-1994.

GENERAL 3D DATABASE TOLERANCE						
ANGULAR : ±0.5°						
LINEAR : APPLY AS SHOWN BELOW						
DIM.(mm)	0-10	10-40	40-80	80-120	120-200	200-300
TOLERANCE	±0.05	±0.07	±0.1	±0.15	±0.20	±0.30
PER ADDITIONAL 100 ±0.1						

2. MATERIAL:
- 2.1 THICKNESS:0.5mm , STEEL SUS-304 PER JIS G4313.
- 2.2 ELECTROPLAT Ni 50u”.
3. EXPOSED EDGES SHALL BE CONDITIONED FOR HANDLING WITH INDUSTRY STANDARD BURR NO GREATER THAN 10% OF MATERIAL THICKNESS.
4. BURR ON INSIDE.
5. NO CORROSION, DIRT, RUST, GREASE, AND WATER STAIN ON SURFACES INDICATED.
6. UNLESS OTHERWISE EVERY SPECIFIED, ALL ROUNDS INNER ARE R0.2 MAX.
7. QUALIFICATION:
- 7.1 “ * ” INDICATES THE KEY DIMENSIONS.
- 7.2 “CPK” INDICATES DIMENSIONS AND/OR CRITERIA WHICH MUST BE CONTROLLED THROUGH S.P.C. METHODS AND MAINTAIN A CPK VALUE OF 1.33.
8. PRODUCT INCOME BY TAPE & REEL PACKAGE AND STICK P/N LABEL ON IT.
9. TEST REQUIREMENTS:

	TEST ITEM	TEST SPEC.	TEST CONDITION	CRITERIA
1	HIGH TEMPERATURE TEST	70℃ / 72 Hr -> AT ROOM TEMP./2hr.	IEC60068-2-2(E_WNC_0537)	NO CRACK, PEELING, DEFFOMATION, WRINKLE, DISCOLORATION, RUST
2	LOW TEMPERATURE TEST	-20℃ / 72 Hr -> AT ROOM TEMP./2hr.	IEC60068-2-1(E_WNC_0536)	NO CRACK, PEELING, DEFFOMATION, WRINKLE, DISCOLORATION, RUST
3	THERMAL SHOCK TEST	-20℃/Hr -> +25℃/5min. -> 70℃/Hr -> +25℃/5min. * 20 CYCLE	IEC60068-2-14(E_WNC_0416)	NO CRACK, PEELING, DEFFOMATION, WRINKLE, DISCOLORATION, RUST
4	HIGH TEMPERATURE & HIGH HUMIDITY TEST	70 ℃ / 90% HUMIDITY/ 72 Hr. -> AT ROOM TEMP./2hr	IEC60068-2-78(E_WNC_0417)	NO CRACK, PEELING, DEFFOMATION, WRINKLE, DISCOLORATION, RUST
5	SALT SPRAY TEST	5% SALT CONCENTRATION / 35℃ / 48 HOURS	ASTM B117-73	NO CORROSION OR CRYSTALLIZATION ON THE SAMPLE SURFACE
6	SOLDERABILITY TEST-SMT	DEFECT-FREE CONTINUOUS SOLDER COATING>95%	IEC60068-2-20	MEET SPEC.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm AND TOLERANCES ARE:

INTEGER DIMENSIONS	± 0.2
1 PLACE DECIMAL	± 0.1
2 PLACE DECIMALS	± 0.05
ANGULAR DIMENSIONS	± 1°
HOLES UNDER Ø 5.00	± 0.05

THIRD ANGLE PROJECTION

WNC 啓碁科技股份有限公司
Wistron NeWeb Corp.
20 Park Avenue II, Hsinchu Science Park,
Hsinchu 308, Taiwan, R.O.C.
Tel: 886-3-6667799 Fax: 886-3-5788726

DRAWN	GAVIN YANG	M/D/Y	02/22/24
ENGR	GAVIN YANG	M/D/Y	02/22/24
APVD		M/D/Y	

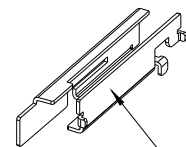
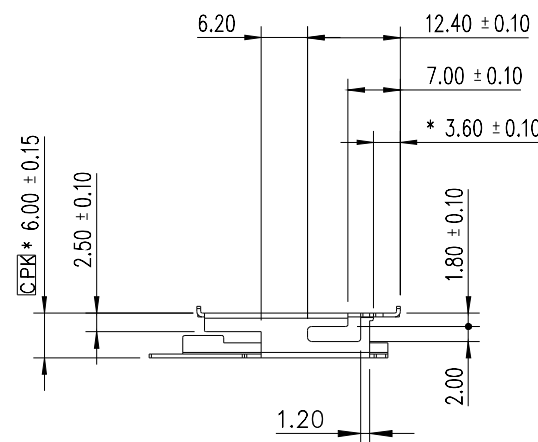
SIZE	DWG NO.	REV
A3	3S.005FR.111	D

SCALE	1/1	SHEET	1 OF 3
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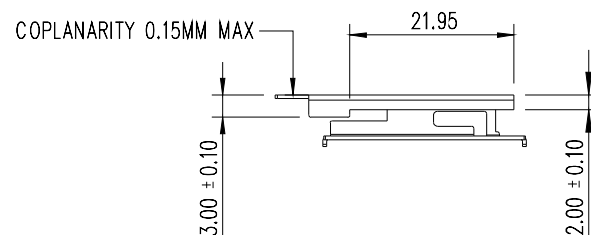
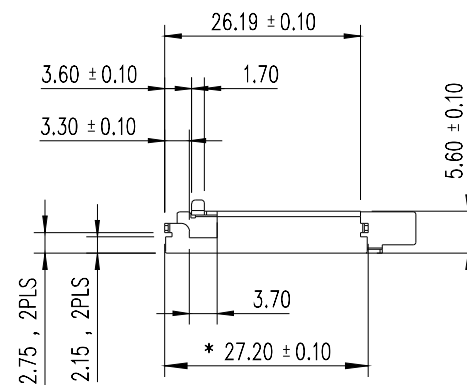
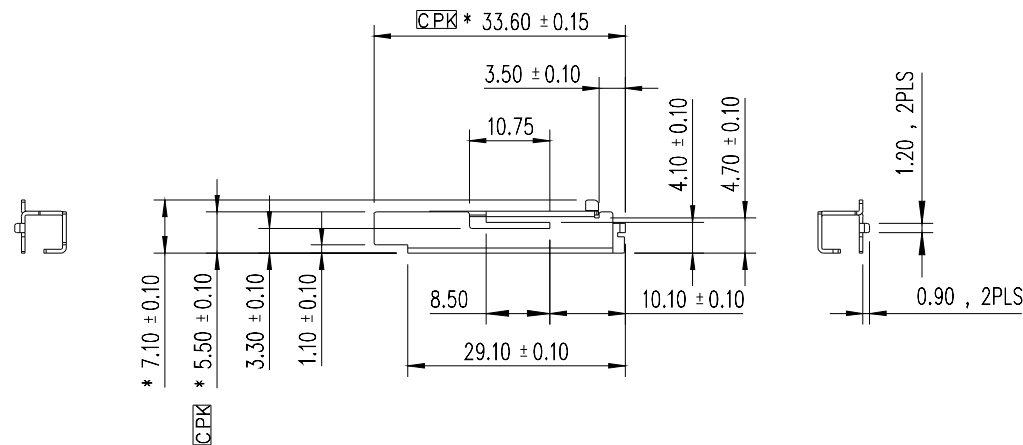
DWG TITLE	
ANTENNA, WIFI 2/5G_1, XPAD-N1	

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ITEM	CORP.	P/N
1	Space X	S00038812
2	WNC	81XPAD15.GAP
		3S.005FU.111



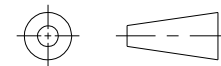
* COPLANARITY 0.08MM MAX



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE IN mm AND TOLERANCES ARE:

INTEGER DIMENSIONS	± 0.2
1 PLACE DECIMAL	± 0.1
2 PLACE DECIMALS	± 0.05
ANGULAR DIMENSIONS	± 1°
HOLES UNDER Ø 5.00	± 0.05

THIRD ANGLE PROJECTION



WNC
Wistron NeWeb Corp.

啓碁科技股份有限公司

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Tel: 886-3-6667799 Fax: 886-3-5788726

DWG	TITLE
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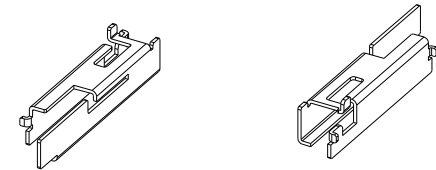
ANTENNA, WIFI 2/5G_3, XPAD-N1

DRAWN	GAVIN YANG	M/D/Y	02/22/24	SIZE	DWG NO.	REV
ENGR	GAVIN YANG	M/D/Y	02/22/24	A3	3S.005FU.111	D
APVD		M/D/Y		SCALE	1/1	SHEET 3 OF 3

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WNC CONFIDENTIAL

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



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