

SPECIFICATION FOR APPROVAL

CUSTOMER: 系統電子

CUSTOMER P/N : 354-0000631

MODEL NAME: Birdwing-MAIN ANT HF

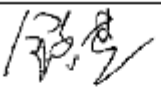
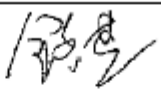
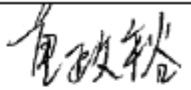
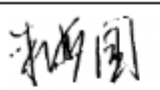
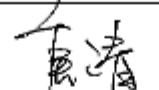
AWAN P/N: ALL00-000013

Date: 2024-10-31

Customer Approval

R&D Manager

AWAN Approved

					王昕霞
&D Manager / Dongyan.Jin	Mechanical Manager / Dongyan.Jin	Q&R Manager / Fish Tong	Project Engineer / Jake.Zhu	Product Manager Qing.Tang	Authorized Strength/ Xinxia.Wang



No.925, Hua-Yuan Road,Zhang- Pu Town,
Kun -Shan City, Jiang -Su Prov.,P.R.C.

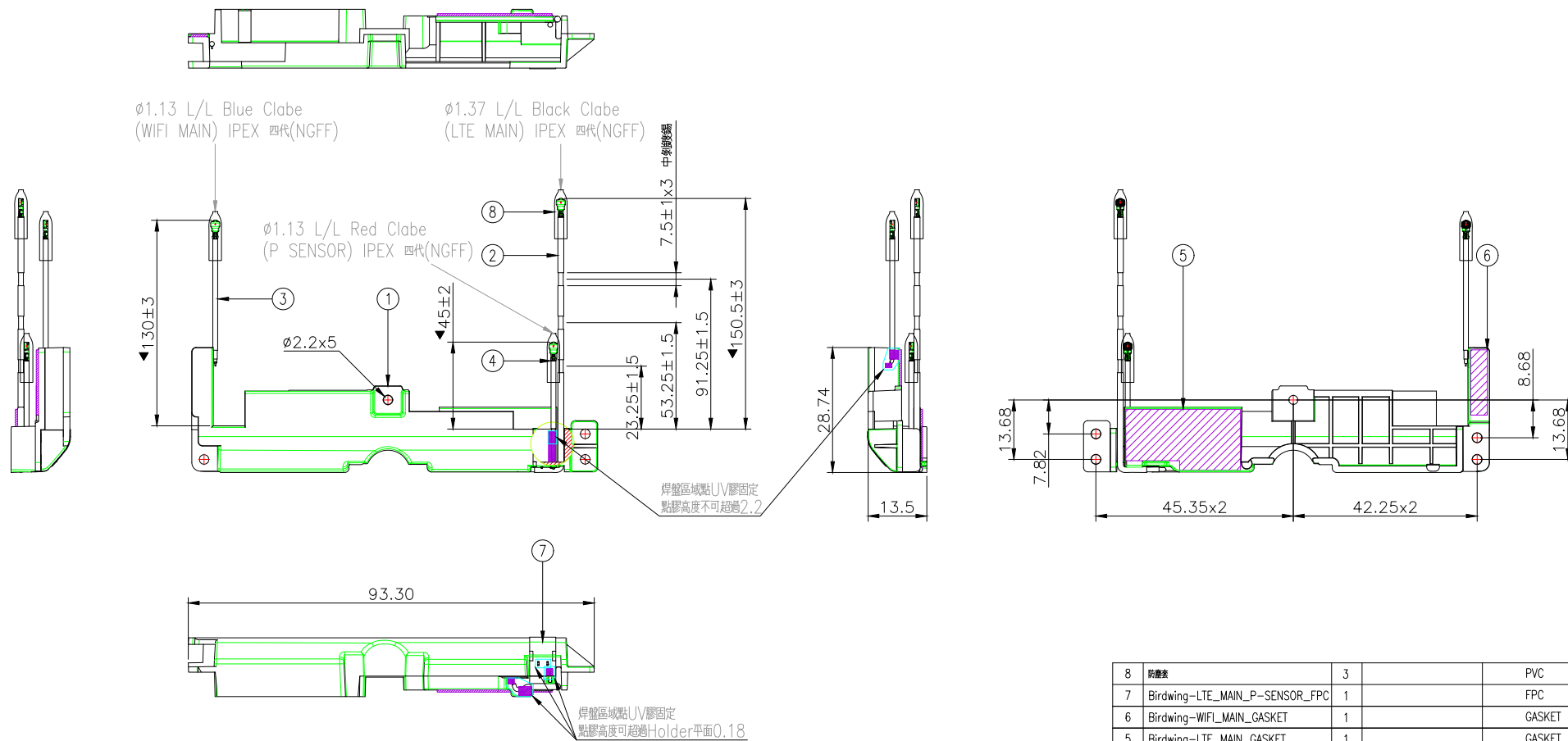
TEL : 86-512-5744-6168

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Http : //www.awan-ant.com

1	2	3	4	5	6	7	8
AWAN P/N	ALL00-000013						
Customer P/N	354-0000631						

Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		NEW RELEASE	Kin 10/25/24'	Jason 10/25/24'	Jerry 10/25/24'



8	防護蓋	3		PVC
7	Birdwing-LTE_MAIN_P-SENSOR_FPC	1		FPC
6	Birdwing-WIFI_MAIN_GASKET	1		GASKET
5	Birdwing-LTE_MAIN_GASKET	1		GASKET
4	$\phi 1.13$ L/L Red Clabe(P SENSOR)	1		CABLE + IPEX MHF4
3	$\phi 1.13$ L/L Blue Clabe(WIFI MAIN)	1		CABLE + IPEX MHF4
2	$\phi 1.37$ L/L Black Clabe(LTE MAIN)	1		CABLE + IPEX MHF4
1	Birdwing-MAIN_LDS	1		LDS + HOLDER
Item	Name	Q'ty	Part #	Material / Finish

Control Point		Tolerances Unless Otherwise Specified		Drawn	Date		Material / Finish						
FAI: to		General	X, ± 1.00	Kin	10/25/24'		Title	Birdwing-MAIN_ANT_HF					
Critical (Cpk & Cp):			-X, ± 0.50	Design	Date								
[X] = 0 Places			.XXX, ± 0.05	Kin	10/25/24'								
Major (QC Checked):		Angles	X, $\pm 3.0'$	Checked	Date								
▼ = 3 Places			-X, $\pm 2.0'$	Jason	10/25/24'	Series	ALL00	Series	Size A3				
Tool Design Dimension:		Scale	1 : 1	Approved	Date					Dwg No.	C-ALL00-88-04	Rev.	X1
T DM = 0 Places		Sheet	1 of 1	Jerry	10/25/24'								
Assembly DRAWING		Unit	mm	3D File	Customer Drawing								
													

HALOGEN FREE

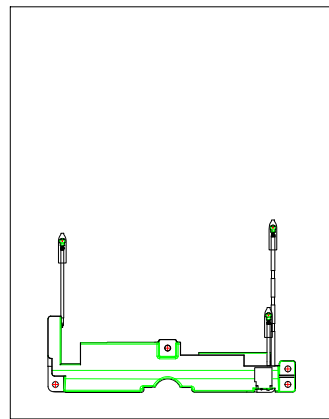
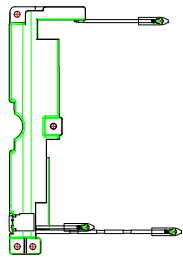
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HSF相關均質拆分及測試點選擇參照
<HSF均質物質拆分作業圖示表>

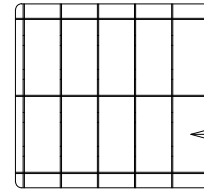
符合AWAN環境管理物質技術標準
All materials meet the AWAN's spec. Environment - related substances management technical standard.

1 2 3 4 5 6 7 8

Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		NEW RELEASE	Kin 10/25/24'	Jason 10/25/24'	Jerry 10/25/24'



1PCS/PE袋



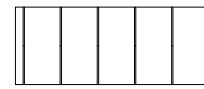
15 PCS/Square



Card Board

150 PCS/Layer

Card Board A



Card Board

P-SE-CD307 :5層版,6插槽x3插槽_隔板組(485x377)

Notes:

1.0

1. Packaging P/N see Table A

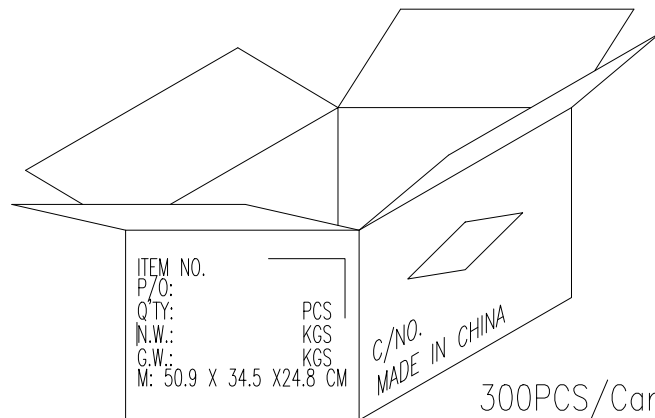
2. Packaging quantity & N.W & G.W refer Table B

TABLE A :

PART NAME	P/N	PCS
OUTER BOX		1
6插槽_5層 337*113*7T		6
3插槽_5層 485*113*7T		12
Card Board		2
Card Board A		1
PE袋		300

Table B :

Part Number	Pcs/PE袋	PCS/Square	PCS/Layer	Pcs/Carton	N.W(kgs)	G.W(kgs)
ALL00-000013	1	15	150	300		



300PCS/Carton

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HSF相關均質拆分及測試點選擇參照
<HSF均質物質拆分作業圖示表>

Tolerances Unless Otherwise Specified	Drawn	Date	 AWAN ADVANCED WIRELESS & ANTENNA INC.	Title	Birdwing—MAIN_ANT—包裝圖			
	Kin	10/25/24'						
	Design	Date						
	Kin	10/25/24'						
Scale 1 : 1	Checked	Date	Series	Size	A3			
	Jason	10/25/24'						
Sheet 1 OF 1	Approved	Date	Dwg No.	Series	Rev.			
	Jerry	10/25/24'						
Unit mm	Customer Drawing							
								

符合AWAN環境管理物質技術標準
All materials meet the AWAN's spec. Environment - related substances management technical standard.

	5G Main Gain Data	
Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
698	-3.41	18.58
708	-2.92	21.34
710	-2.86	21.65
717	-2.65	23.37
723	-2.38	24.83
738	-1.55	29.45
746	-1.32	31.44
777	1.72	54.72
787	2.17	60.91
791	2.33	62.46
798	2.56	65.68
814	1.93	56.15
824	1.79	53.87
830	1.75	52.99
837	1.62	50.99
845	1.24	46.27
859	0.66	37.57
862	0.41	35.41
880	-1.56	23.17
894	-3.57	15.58
1710	3.67	44.13
1750	3.87	49.59
1780	3.79	53.92
1805	4.00	58.63
1850	4.18	67.29
1880	4.07	66.43
1900	3.72	63.92
1930	3.08	59.38
1960	2.14	54.07
2010	2.12	52.73
2140	3.57	51.63
2300	-1.65	33.21
2355	-2.64	30.27
2500	1.83	48.88
2595	1.70	58.49

	5G Main Gain Data	
Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
2690	2.15	59.60
3300	2.01	47.88
3400	3.46	58.45
3500	4.31	53.68
3600	4.26	59.35
3700	3.11	54.58
3800	2.69	57.54
4700	1.90	36.91

	WLAN Main Gain Data	
Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
2412	0.92	56.16
2437	1.67	62.64
2442	1.64	61.25
2450	1.76	60.46
2462	1.76	57.40
2484	2.05	56.12
5150	3.11	55.74
5250	2.81	49.27
5350	1.84	49.11
5470	2.77	49.61
5600	3.69	59.37
5725	4.23	58.31
5785	4.05	54.67
5850	3.68	53.33