

SPECIFICATION FOR APPROVAL

CUSTOMER: 系統電子

CUSTOMER P/N : 354-0000081

MODEL NAME: Birdwing-MIMO2 ANT HF

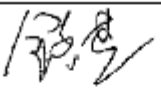
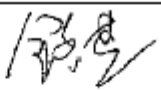
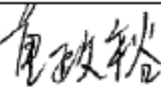
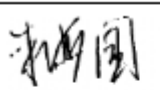
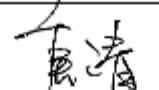
AWAN P/N: ALL6Y-100002

Date: 2024-10-31

Customer Approval

R&D Manager

AWAN Approved

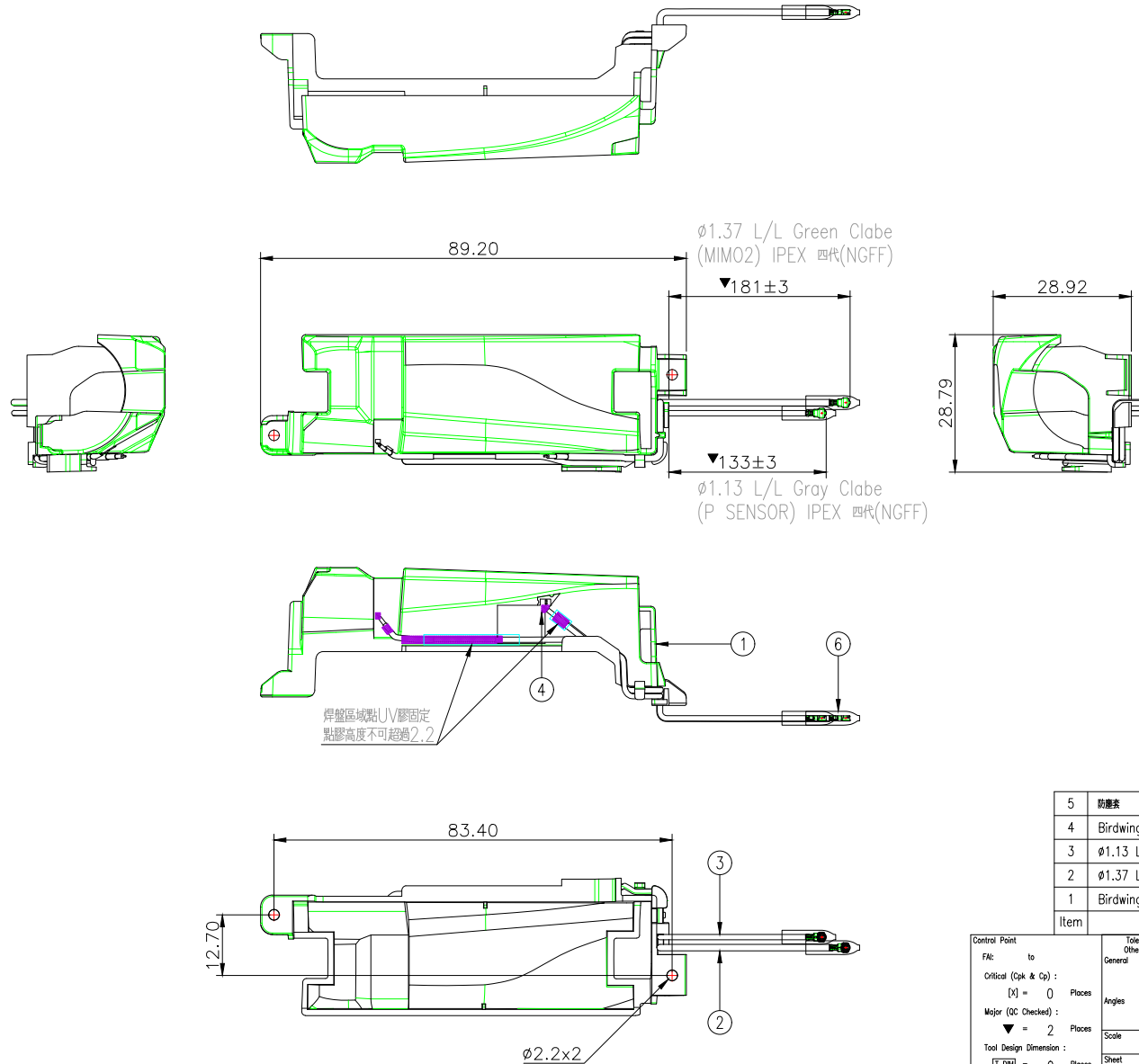
					王昕霞
&D Manager / Dongyan.Jin	Mechanical Manager / Dongyan.Jin	Q&R Manager / Fish Tong	Project Engineer / Jake.Zhu	Product Manager Qing.Tang	Authorized Strength/ Xinxia.Wang



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1	2
AWAN P/N	ALL6Y-100002
Customer P/N	354-0000081

6			7		8	
Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date	
X1		NEW RELEASE	Kin 05/17/24'	Jason 05/17/24'	Jerry 05/17/24'	



5	防護套	2		PVC
4	Birdwing-MIMO2_P-SENSOR-1_FPC	1		FPC
3	Ø1.13 L/L Gray Clabe(P SENSOR)	1		CABLE + IPEX MHF4
2	Ø1.37 L/L Green Clabe(MIMO2)	1		CABLE + IPEX MHF4
1	Birdwing-MIMO2_LDS	1		LDS + HOLDER

Item	Name	Q'ty	Part #	Material / Finish
5	防護套	2		PVC
4	Birdwing-MIMO2_P-SENSOR-1_FPC	1		FPC
3	Ø1.13 L/L Gray Clabe(P SENSOR)	1		CABLE + IPEX MHF4
2	Ø1.37 L/L Green Clabe(MIMO2)	1		CABLE + IPEX MHF4
1	Birdwing-MIMO2_LDS	1		LDS + HOLDER

Control Point	FAI: to	Tolerances Unless Otherwise Specified	Drawn	Date
	Critical (Cpk & Cp) :	General X, ±1.00	Kin	05/17/24'
	[X] = 0 Places	-X, ±0.50	Design	Date
	Major (QC Checked) :	-XX, ±0.20	Kin	05/17/24'
	▼ = 2 Places	.XXX, ±0.05	Checked	Date
	Total Design Dimension :	X, ±3.0'	Jason	05/17/24'
	[F DM] = 0 Places	-X, ±2.0'	Approved	Date
		.XX, ±1.0'	Jerry	05/17/24'

Unit	mm	3D File	Customer Drawing
Sheet	1 of 1		
Scale	1 : 1		
Angles	X, ±3.0'		
General	X, ±1.00		
Critical (Cpk & Cp)	-X, ±0.50		
[X]	= 0 Places		
Major (QC Checked)	-XX, ±0.20		
▼	= 2 Places		
Total Design Dimension	:		
[F DM]	= 0 Places		

Series	ALL6Y	Series	Size	A3
Dwg No.	C-ALL6Y-88-01	Rev.	X1	

Title		Birdwing-MIMO2_ANT_HF	
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Title		Birdwing-MIMO2_ANT_HF	
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HALOGEN FREE

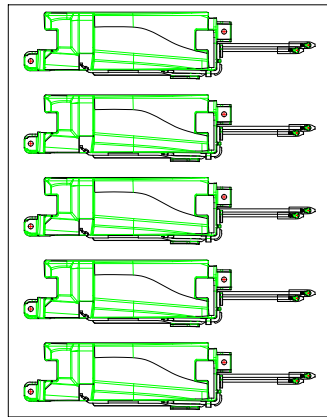
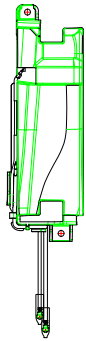
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HSF相關均質拆分及測試點選擇參照
<HSF均質物質拆分作業圖示表>

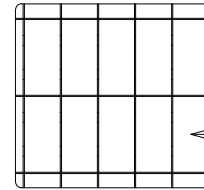
符合AWAN環境管理物質技術標準
All materials meet the AWAN's spec. Environment - related substances management technical standard.

12345678

Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		NEW RELEASE	Kin 05/17/24'	Jason 05/17/24'	Jerry 05/17/24'



5PCS/PE袋



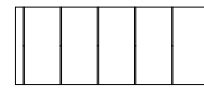
20 PCS/Square



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

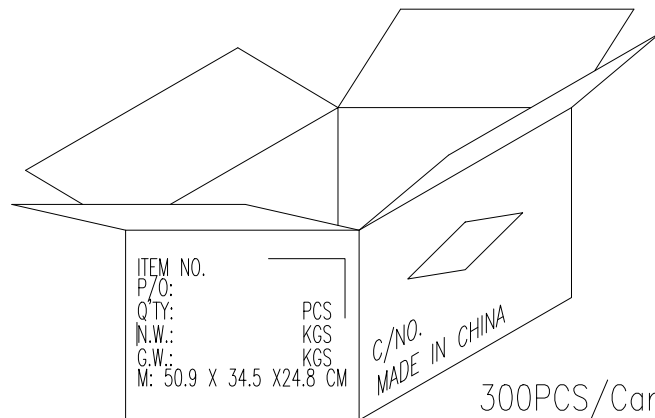
2. Packaging quantity & N.W & G.W refer Table B

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		60

Table B :

Part Number	Pcs/PE袋	PCS/Square	PCS/Layer	Pcs/Carton	N.W(kgs)	G.W(kgs)
ALL6Y-100002	5	15	150	300		



ITEM NO.
P/O:
QTY:
N.W.:
C.W.:
M: 50.9 X 34.5 X24.8 CM

PCS
KGS
KGS

C/NO.
MADE IN CHINA

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.			
	Kin	05/17/24'				
	Design	Date				
	Kin	05/17/24'				
	Checked	Date				
Scale	Jason	05/17/24'	Birdwing-MIM02_ANT-包裝圖			
Sheet	Approved	Date				
Unit	Jerry	05/17/24'				
	Customer Drawing					
Series			ALL6Y	Series	Size	A3
Dwg No.			P-ALL6Y-88-01		Rev.	X1

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 MIMO2 Gain Data	
Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
1805	2.64	59.59
1843	3.55	65.43
1850	3.52	64.65
1880	4.01	65.81
1883	4.04	65.71
1930	4.23	62.71
1995	3.97	50.20
2010	3.88	55.07
2025	3.83	54.70
2110	4.11	49.27
2140	4.09	47.27
2170	4.33	43.94
2200	4.30	37.78
2300	2.72	38.70
2305	3.06	40.14
2310	3.09	39.21
2315	3.05	38.64
2350	3.99	42.07
2355	4.19	42.70
2360	4.60	45.51
2400	5.13	48.94
2496	2.36	47.23
2500	2.13	46.58
2535	2.49	48.40
2570	2.65	44.92
2593	2.34	39.19
2595	2.29	38.76
2620	2.95	38.14
2655	3.59	41.38
2690	3.59	48.32
3300	-2.99	29.57
3400	-2.51	34.28
3500	-2.57	31.20
3550	-2.80	28.68
3600	-2.69	30.91

	5G MIMO2 Gain Data	
Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
3625	-2.79	27.61
3700	-2.93	27.65
3750	-2.89	29.74
3800	-2.80	27.77
4200	-2.64	28.89