阅读申明

1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描叙上的差异，建议读者做出适当判断。
4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.

2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader’ s learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.

3. All product information provided on the website refer to solutions from manufacturers’ technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.

4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with “Datasheets”.

APPROVAL SHEET

PCB ANTENNA

2.4 GHz Band Working Frequency

Halogens Free Product

P/N: RFPCA460611IMAB301

Customer：_____

Customer ‘s Part No.：_____

Approval No.：_____

Issue Date：_____

*Contents in this sheet are subject to change without prior notice.

Version	Date	Description	Author
V01	2015 Mar.	New Release	HWCHAN

ELECTRICAL CHARACTERISTICS

Item	Specification
Frequency Range	2.4 ~ 2.5 GHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB (Max)
Peak Gain	3.85 dBi
VSWR	2.0 (Max)
Radiation	Omni-directional
Polarization	Linear Vertical
Admitted Power	1W

*note-1: Electrical characteristics will depend on customer's final application.

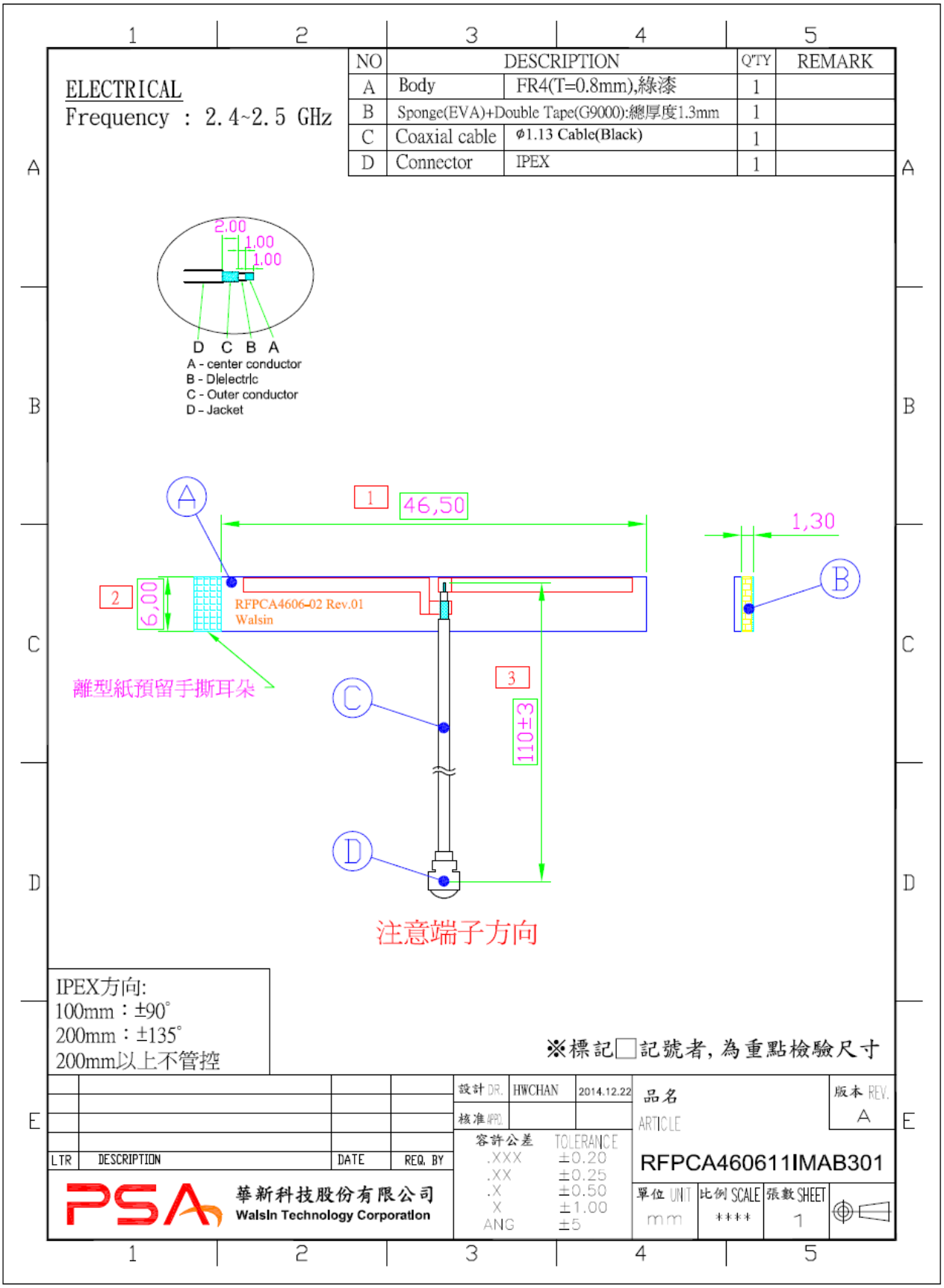
MATERIAL TABLE

Items	Description
Cable	∮1.13(Black)
Connector	IPEX
FPC Antenna	FR4(綠漆板) T=0.8mm
Sponge+Doubel Tape	EVA+G9000

ORDERING RULE

RF	PCA	4606	11	I	M	A	B	3	01
Type Code	**Product Code**	**PCB Dimension (Unit: mm)**	**Cable Length (unit: cm)**	**Connector Brand**	**Type of Connector**	**Application**	**Project status**	**Wire Diameter**	**Project**
Walsin RF Device	PCA: PCB Antenna	Per 2 digits of length, width e.g.: 4606 Length 46.5mm, Width 6.0mm	2 digits for cable length e.g.: 11 Cable Length:11cm	A: N C:MCX D:IPEX III E: IPEX IV F: IPEX A13 H: Hirose I: IPEX M: MMCX S: SMA T: TNC U:MURATA N: None	A: Reverse Female B: Reverse Male F: Female M: Male N: None	0: 0GHz 3: 3GHz 5: 5GHz 6: 6GHz A: 2.4GHz ISM band B: GSM 900/1800 dual band G: GPS band L: 2.4/5.2/5.8 GHz tri-band N: NFC T: LTE band W: WCDMA band	B: MP T:During Test X: Pile Run	0:None 1:⌀ 0.81 3:⌀ 1.13 6:RG316 7:⌀ 1.37 8:RG178	01~99 series number

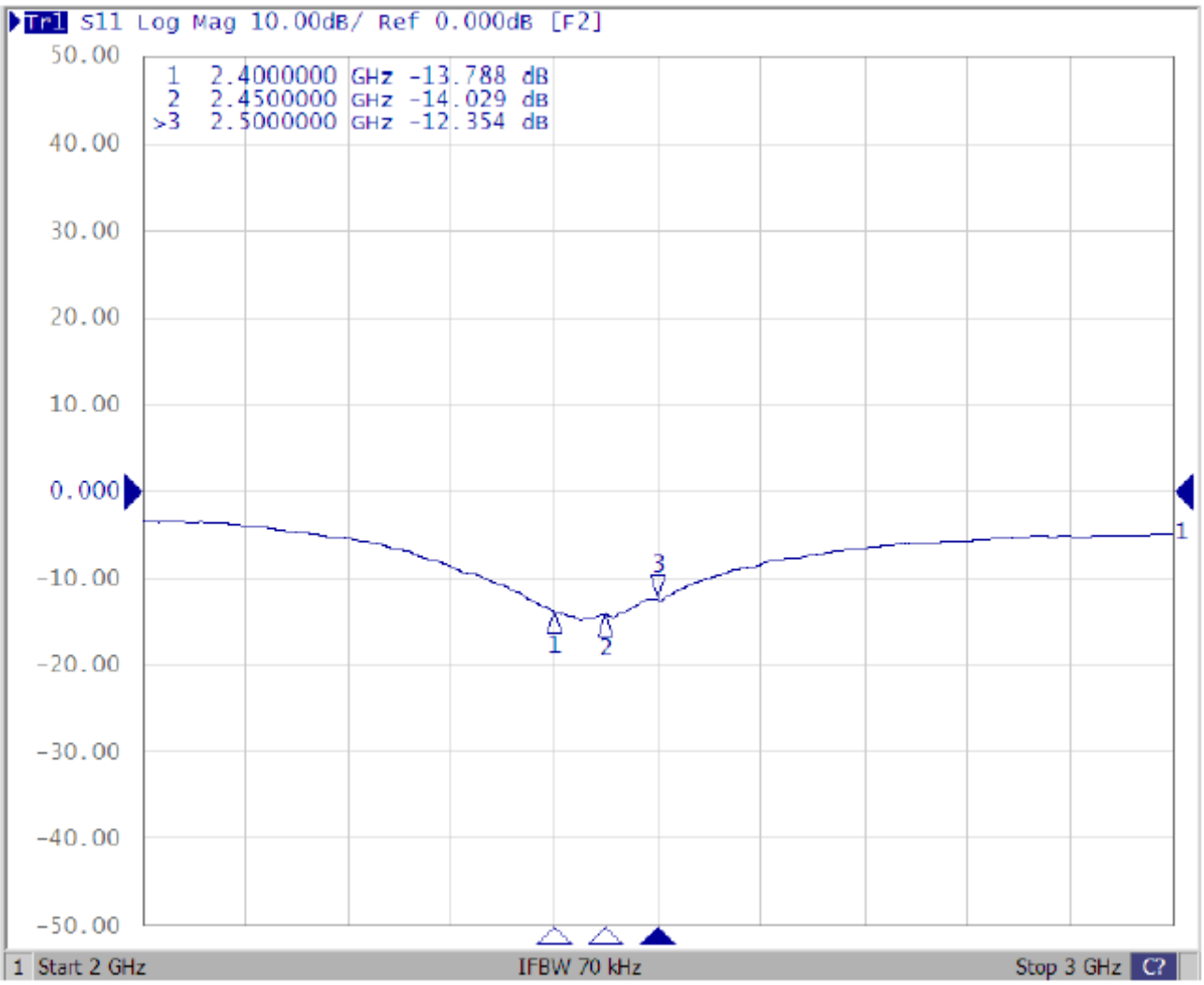
Appendix A: Dimensions



Test Report

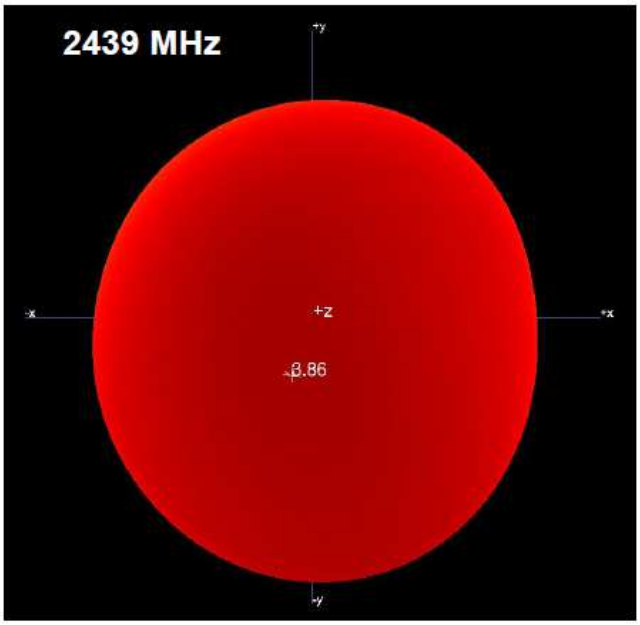
ELECTRICAL CHARACTERISTICS

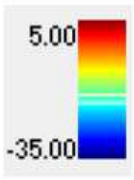
Return Loss

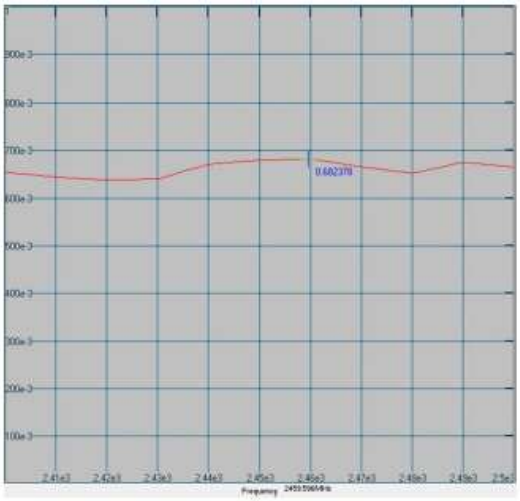


Antenna Efficiency & Peak Gain

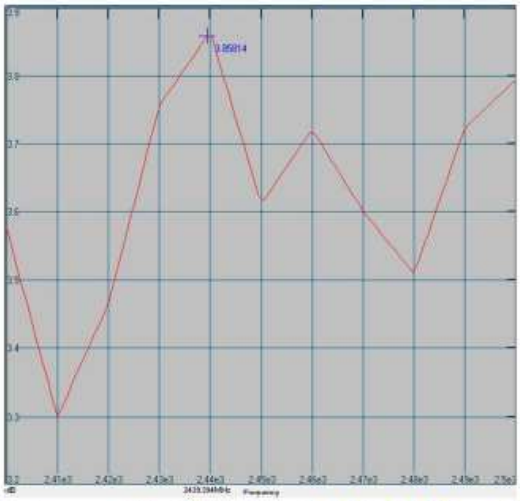
2400~2500 MHz







Maximum Efficiency at 2459 MHz : 68.2 %



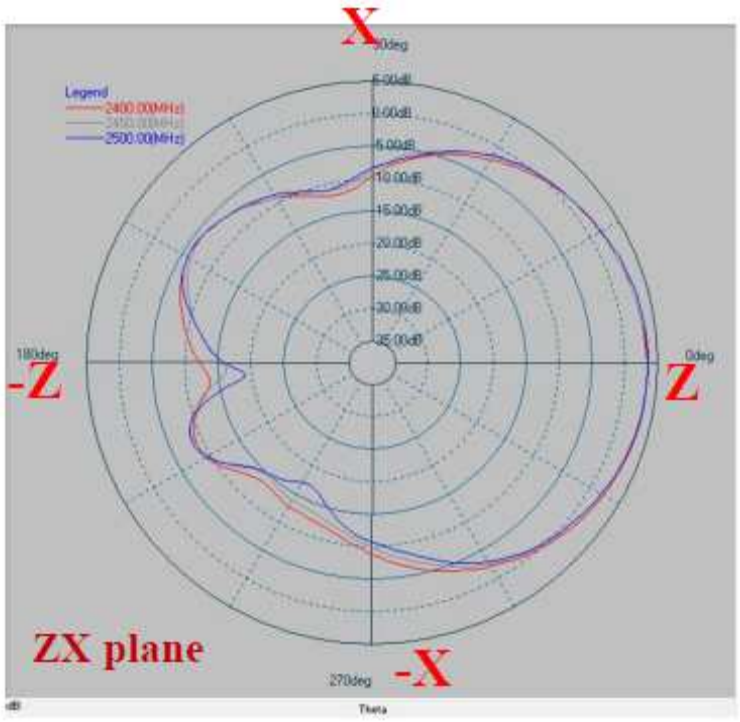
Maximum Peak Gain at 2439 MHz : 3.85dBi

RADIATION PATTERN

2400~2500 MHz

Phi=0.00deg

Gain . dB

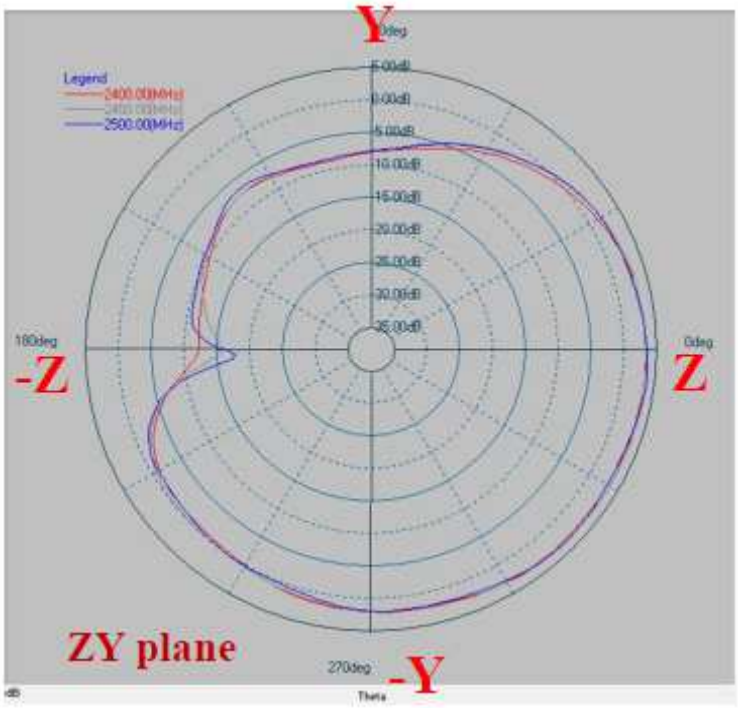


	ZX plane	
Frequency [MHz]	Max Value [dB]	Average [dB]
2400	3.52	-2.13
2450	3.42	-2.24
2500	3.62	-2.18

2400~2500 MHz

Phi=90.00deg

Gain . dB

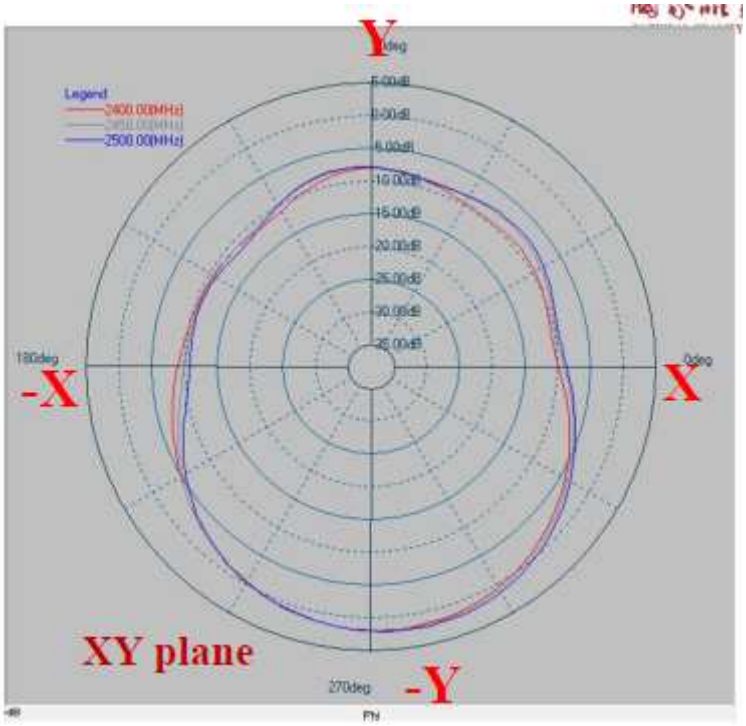


	ZY plane	
Frequency [MHz]	Max Value [dB]	Average [dB]
2400	3.53	-0.10
2450	3.61	0.12
2500	3.79	-0.01

2400~2500 MHz

Theta=90.00deg

Gain . dB



	XY plane	
Frequency [MHz]	Max Value [dB]	Average [dB]
2400	1.83	-3.81
2450	1.91	-3.62
2500	2.10	-3.52

Packaging

華 新 科 技 股 份 有 限 公 司

RFPCA460611IMAB301製品工程表	頁 次： 4 之 3	
	規章編號：	版次 ：A版
	制修訂日期：2015/1/5	

產品包裝圖示:

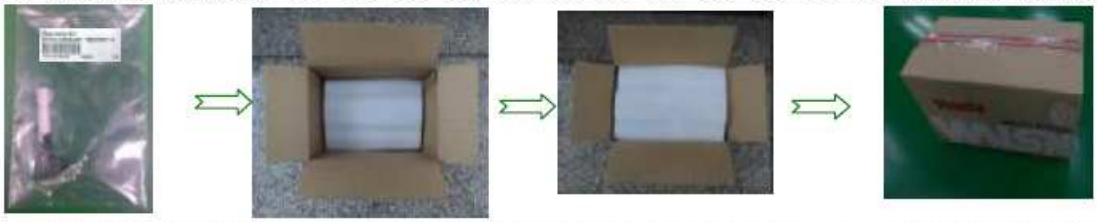
圖一

單pcs產品　　PE袋　　每10pcs一扎，每PE袋放10扎，PE袋需封口

圖二

珍珠棉　　外箱　　珍珠棉放入外箱

圖三



產品包裝規範：

1.將每10pcs產品使用珍珠棉將IPEX端用白色橡皮筋包扎,然後裝入PE袋內，每PE袋裝10扎，每PE袋100pcs，PE袋需封口，如圖示（一）

2.將珍珠棉放入外箱中（如圖示二）

3.將裝好的成品(如圖示三)放入外箱中，每箱放2000pcs產品，上下各放1片珍珠棉，將包裝好的外箱貼標籤，標籤需貼到最小包裝。

製造標籤圖示：實物標籤內容僅作參考 具體內容以出貨料號爲准

(NO 1.) : Spec desc.

(NO 2.) : 料號 批號 數量(PN & LOT & QTY)

(NO 3.): 盤點條碼(Inventory check barcode)

(NO 4.): 列印時間-總張數(print system time-total piece this print)

(NO 5.): 表示 BULK LOT

(NO 6.)表示該張標籤流水序號

核准：	何耀輝	審核：	袁蕊蕊	制定：	印芸