

**TAIPEI TAIWAN R.O.C. FAX NO: 886-3-3185999**

**ISSUED : 2015/11/30**

REVISION	ENG.	CHECK	CHECK	SAFETY	APP.
	DATE	DATE	DATE	DATE	DATE
A1	楊明雄	陳志宏	陳榮輝	黃茂洲	張遠順
	2015/12/04	2015/12/04	2015/12/07	2015/12/07	2015/12/07
A2	楊明雄	陳志宏	陳榮輝	翁敏蓮	張遠順
	2016/03/30	2016/03/30	2016/03/30	2016/03/31	2016/03/31
A3	楊明雄	陳志宏	陳榮輝	陳仲安	張遠順
	2016/07/29	2016/07/29	2016/07/29	2016/07/29	2016/07/30

**TOTAL PAGE : 7**



## Reversion History

REV: A3 PAGE 1



SPECIFICATION	MODEL NO	PSMF05X-050Q-R, (X=A,E) PSMF05A-050QW-R		
	DWG NO.	PES13905		
	REVISION	A3	ISSUED DATE	2015/11/30

### 1. Input

- |                             |   |
|-----------------------------|---|
| 1.1 AC input voltage range: | 90Vac~264 Vac                               |
| 1.2 AC input rating:        | 100Vac~240 Vac                              |
| 1.3 AC input Frequency:     | 47 ~ 63 Hz                                  |
| 1.4 AC input current:       | 0.2A (rms)Max @100Vac/230Vac, maximum load. |
| 1.5 Max. In-rush current:   | 60A Max. @240Vac/50Hz, (Cold start at 25°C) |
| 1.6 Leakage current:        | 20uA Max @240Vac/50Hz                       |

### 2. Output characteristics:

- |                                |  |
|--------------------------------|--|
| 2.1 Output voltage:            | 5.2V   |
| 2.2 Max. load current:         | 1 A .(CC MODE)   |
| 2.3 Output ripple current:     | 100mAp-p max. @ 1A   |
| 2.4 Min. load current:         | 0A (CC MODE)   |
| 2.5 Output Voltage Regulation: | 4.94V~5.25V @ No load End of USB connect<br>5V~5.25V @ Full load End of USB connect  |
| 2.6 Output Ripple & Noise:     | a. 200mVp-p Max. @25°C at load >0.5A~≤1A.<br>b. 100mVp-p Max. @25°C at load 0A~0.5A. |

#### \* Ripple & Noise test conditions:

Measurements shall be made with an oscilloscope with 20MHz (or over) Bandwidth.

Output should be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.

### 3. General characteristics:

- |                   |   |
|-------------------|---|
| 3.1 Output power: | 5.2 Watts continuous.   |
| 3.2 Efficiency:   | 73.92% Min. (Base on nameplate), DOE VI<br>Nameplate on label: Output Voltage 5.2 V<br>Output Current 1 A ±2%<br>Testing at 100%, 75%, 50%, 25% of rated current output and then computing the arithmetic average of these four values.<br>>60.7% Testing at 10% of rated current output.<br><b>Measure efficiency at 100% load after burn in 30min.</b><br>And measure efficiency test at 75%,50%,25% load after Burn in 30min at 100% load. |



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	REVISION	A3	ISSUED DATE	2015/11/30

3.3 Power saving:

- a.  $\leq 75\text{mW}$  @ no load ,230Vac/50Hz ,
- b.  $\text{Pin} \leq 0.45\text{W}$  @ DC Power 0.25W, 230Vac/50Hz

3.4 Over Shoot:

5.72V max (0A/1A)

3.5 Dynamic Response:

$V_{\text{max}}=6.0\text{V}$ ,  $V_{\text{min}}=4.6\text{V}$

Condition 1:

Rise rate=1A/uS, Fall rate=1A/uS

$0\text{A} \leftrightarrow 0.5\text{A}$ ,  $T_{\text{High}}=5\text{mS}$ ,  $T_{\text{low}}=295\text{mS}$ ,

Condition 2:

$0.5\text{A} \leftrightarrow 1\text{A}$ ,  $T_{\text{High}}=5\text{mS}$ ,  $T_{\text{low}}=25\text{mS}$ ,

Note:

If output drop less than 4.6V,the during shall less than 3ms  
@ condition1.

3.6 Turn On Delay time:

3 sec. max @ 100V/60Hz and 240V/50Hz

3.7 Rise time:

40mSec. max @115Vac/60Hz

3.8 Hold up time:

5.0mSec. min @100Vac/60Hz

3.9 Over current protection:

1.22A max.

3.10 Over voltage protection:

Output voltage shall not exceed 7.5V.

(When feedback resistor short)

3.11 Short Circuit protection:

Auto recovery and no component damage.

3.12 EC cap. Life:

13140 hrs @25°C Ambient Temperature.

100Vac 60Hz / 240Vac 50Hz

3.13 Acoustic performance:

- a. Microphone at a distance of 10cm from the surface and noise level is less than 20dB
- b. Microphone at a distance of 3cm from the surface and noise level is less than 25dB

3.15 Common mode noise:

Set EN61000-4-6 test environment, Test voltage 3V,  
150KHz~600KHz,Oscilloscope Channel set on FET  
mode, CMN: 0.8V max.

3.16 MTBF:

Minimum 150K hours (MIL-HDBK-217F) at full load  
100VAC/60Hz and 240VAC/50Hz @ 25°C.



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#### 4. Environment:

- 4.1 Operating temperature: 0°C to 40 °C  
Surface thermal  $\leq 60^{\circ}\text{C}$  at ambient  $25^{\circ}\text{C}$  @ 100Vac ~ 240Vac full load.
- 4.2 Storage Temperature:  $-30^{\circ}\text{C}$  to  $80^{\circ}\text{C}$
- 4.3 Operating and Storage: relative humidity: 5~90% RH Max
- 4.4 Case Temperature rise The case temperature rise shall be  $\leq 35^{\circ}\text{C}$  at ambient  $25^{\circ}\text{C}$ .

#### 5. Safety requirement:

UL/ CUL,CB,NOM,BSMI,CTIA

##### 5.1 EMS requirement:

1	EN 61000-4-2	ESD-Contact	$\pm 8\text{KV}$	Criteria B
		ESD-Air	$\pm 15\text{KV}$	Criteria B
2	EN 61000-4-3	RS	0.15MHz~80MHz Level: 3V/m	Criteria A
3	EN 61000-4-4	EFT	AC: $\pm 1\text{KV}$ , 5/50 Tr/Th nS ;5KHz	Criteria B
4	EN 61000-4-11	Dip	Level 30%,500mS	Criteria C
			Level 95%,10mS	Criteria B
			Level 95%,5000mS	Criteria C

(1) EMI:

EN55022 CLASS B  
FCC CLASS B  
Load without grounding

##### 5.2 Hi-Pot:

Primary to secondary: 4242Vdc 1 min. or 3000Vac 1 min. <10mA

##### 5.3 Insulation test:

Input to output: > 30M ohm. 500Vdc 1 min.

##### 5.4 Surge test:

Line to Line 1KV

##### 5.5 Drop test:

Test condition: Drop 30 times (5 times on each face) on each cycles from a height of 36 inches onto a hardwood surface. There must be no function damage after testing.

##### 5.6 Dimension

38x38x27.5mm

##### 5.7 USB Connector :

Vertical Type



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	DWG NO.	PES13905		
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6. Model information

Phihong P/N	Description	Reference model	Difference
PSMF05A-050Q-R	US plug		
PSMF05E-050Q-R	EU plug	PSMF05A-050Q-R	AC plug Bottom case
PSMF05A-050QW-R	US plug	PSMF05A-050Q-R	Top case & Bottom case change to white



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	DWG NO.	PES13905		
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#### 7. Test item and sequence in production

##### START TEST:

(T1) Hi-POT test the unit at Pri to Sec. 3600Vac for 1 second, the current leakage requirement is 10 mA (max.)

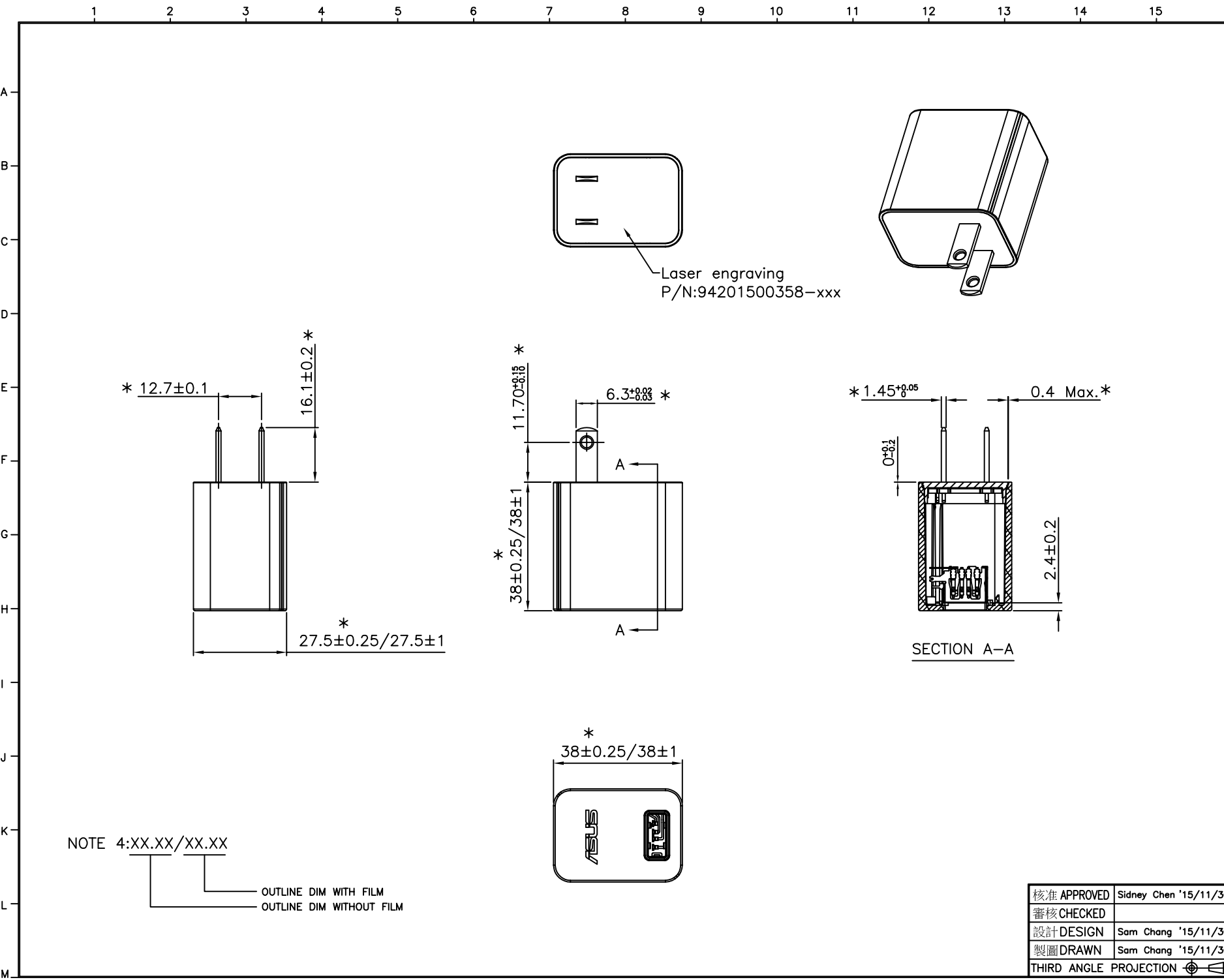
- (1) Set input power to 90Vac/50 Hz and go through (T2~T3).
- (2) Set input power to 264Vac/50 Hz and go through (T2~T3).
- (3) Set input power to 230Vac/50 Hz and go through (T4).
- (4) Set input power to 230Vac/50 Hz and go through (T5).
- (5) Set ambient to 25 °C

(T2) CONNECTOR Electronic Load (CC MODE)  
SET LOAD Current 0A  
MEASURE Output DC Voltage 4.90V to 5.25V  
Output Voltage AC ripple  
Ripple & noise should be less than 100 mVp-p  
Test Condition : DC Cord ( 20AWG 1200mm )

(T3) CONNECTOR Electronic Load  
SET LOAD Current 1.0A  
MEASURE Output DC Voltage 4.90V to 5.25V  
Output Voltage AC ripple  
Ripple & noise should be less than 200mVp-p  
Test Condition : DC Cord ( 20AWG 1200mm )

(T4) DISCONNECT Electronic Load  
MEASURE - Power Saving, < 75mW

(T5) CONNECTOR Electronic Load  
SET LOAD Current 1A  
MEASURE Efficiency > 75%



修正

REVISIONS

B.CHECK & ISSUE.

'15/11/30

說明

GENERAL NOTES

1.Dimensions marked with "\*" indicate critical dimensions which need to be inspected in every lot.  
2.Cpk must exceed 1.33 for critical parpments.  
3.The step of case edge must be less than 0.2mm when assembled.

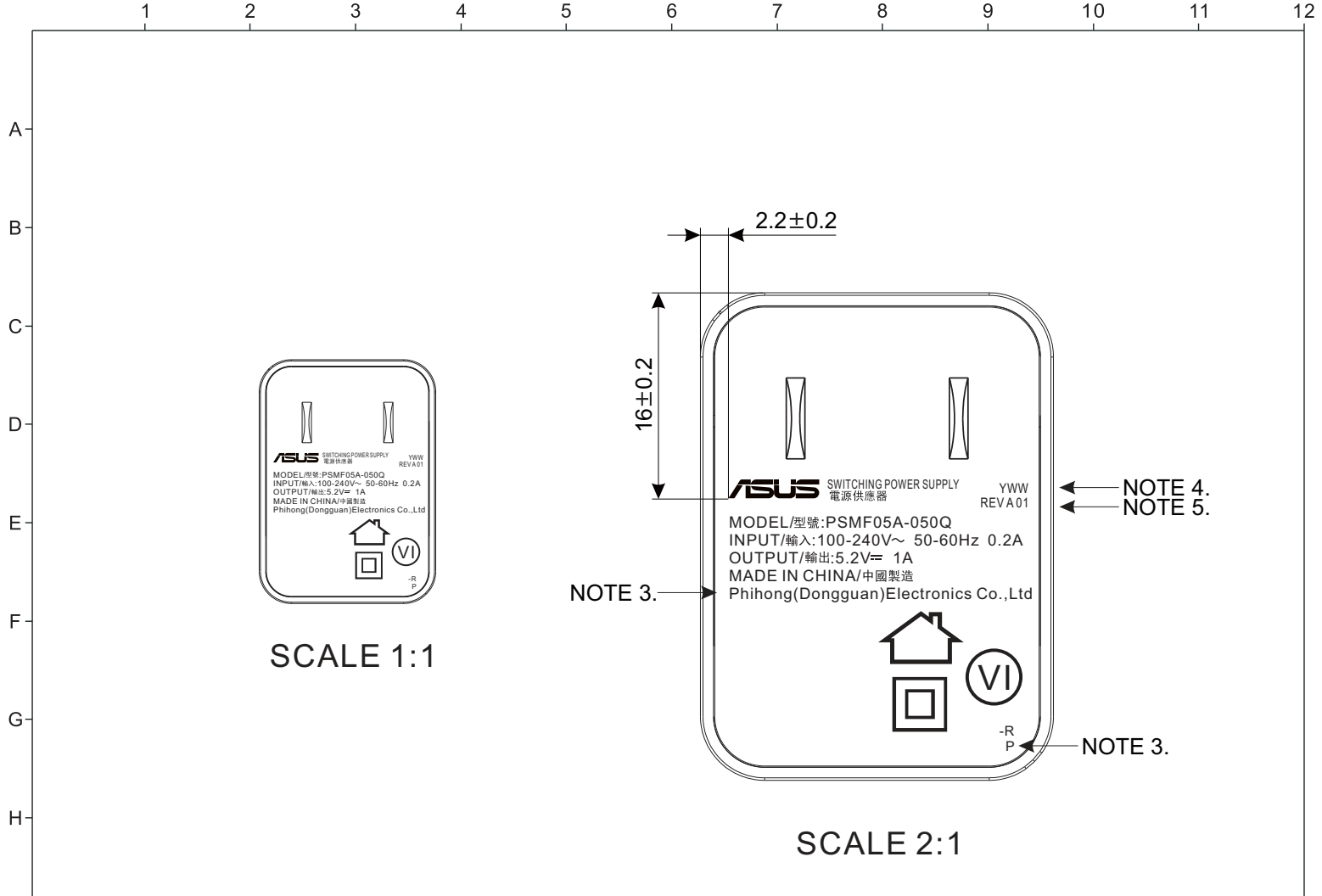
長度區分 RANGE	容許公差區分(MM) COMMON TOLERANCE			
	A	B	C	D
低於 8 LESS THAN	$\pm 0.05$	$\pm 0.1$	$\pm 0.2$	$\pm 0.4$
8~25	$\pm 0.08$	$\pm 0.15$	$\pm 0.3$	$\pm 0.6$
25~80	$\pm 0.12$	$\pm 0.25$	$\pm 0.5$	$\pm 1.0$
80~250	$\pm 0.25$	$\pm 0.4$	$\pm 0.8$	$\pm 1.5$
250~800	$\pm 0.5$	$\pm 0.8$	$\pm 1.5$	$\pm 3.0$
800~2500	$\pm 1.0$	$\pm 1.5$	$\pm 3.0$	$\pm 6.0$
ANGULAR	$\pm 0.15$	$\pm 0.3$	$\pm 0.5$	$\pm 0.8$

飛宏科技股份有限公司  
PHIHONG TECHNOLOGY CO., LTD.

機型 MODEL	PSMF05A-050Q-R
材質 MATERIAL	
處理 TREATMENT	
圖名 DESCRIPTION	Outline drawing
料號 PART NO.	PES07199-B

核准 APPROVED	Sidney Chen '15/11/30	公差 TOLERANCE	B
審核 CHECKED		比例 SCALE	1:1
設計 DESIGN	Sam Chang '15/11/30	單位 UNIT	MM
製圖 DRAWN	Sam Chang '15/11/30	THIRD ANGLE PROJECTION	



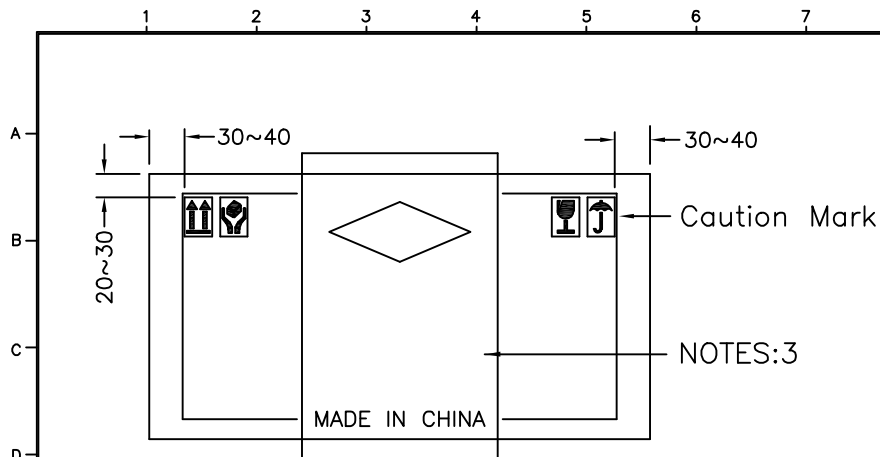


**NOTE 3:FACTORY CODE**  
P=Phihong dong guan factory.(PHC)  
飛宏(東莞)電子有限公司  
J=Phihong dong guan tiesong factory.(PHCJ)  
飛宏(東莞)電子有限公司-鐵松廠  
D=Dong guan phitek factory.(Tie Song)(PHPJ)  
東莞達宏電子有限公司(鐵松)  
H=Dong guan phitek factory.(Xie King)(PHP)  
東莞達宏電子有限公司(謝坑)

**NOTE4:YWW**  
WEEK: EX-->16=16TH FOR YEAR  
YEAR : EX-->4=2014 , 9=2019

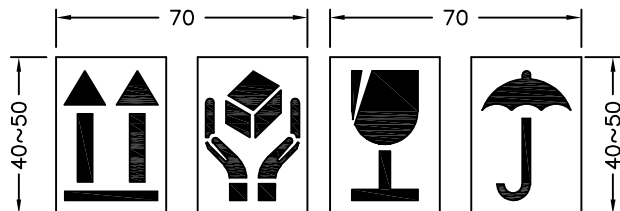
**NOTE 5:BOM REVISION**  
EX:A1 05=A 01 , B11 02=B 11

修正					REVISIONS					說明					GENERAL NOTES									
CHECK & ISSUE										'15/11/26					1.TO BE PROVIDED BY PRODUCTION CONTROL DEPT. 2.THE PART MUST MEET WITH THE REQUIREMENT OF HALOGEN FREE.									
A2.Modify notes 4,5										'16/01/27														

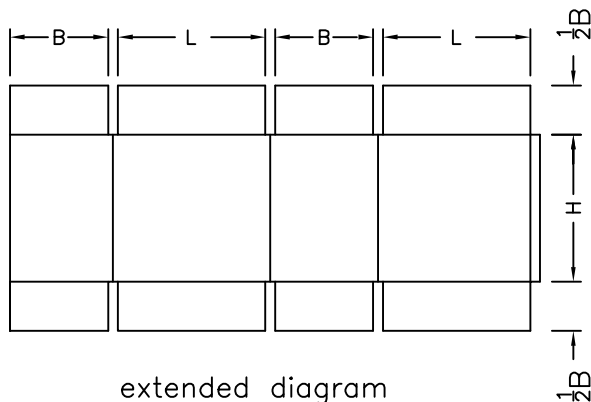


外紙箱正面印刷圖(兩側)

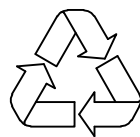
Carton's transverse plane printing.(two faces)



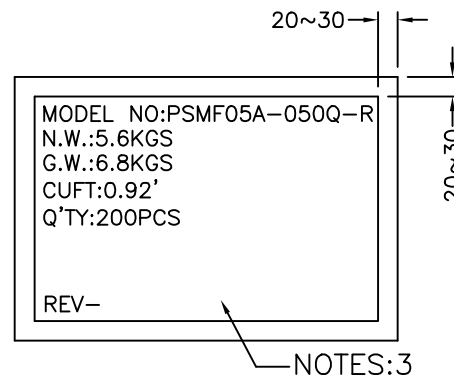
black printing



extended diagram

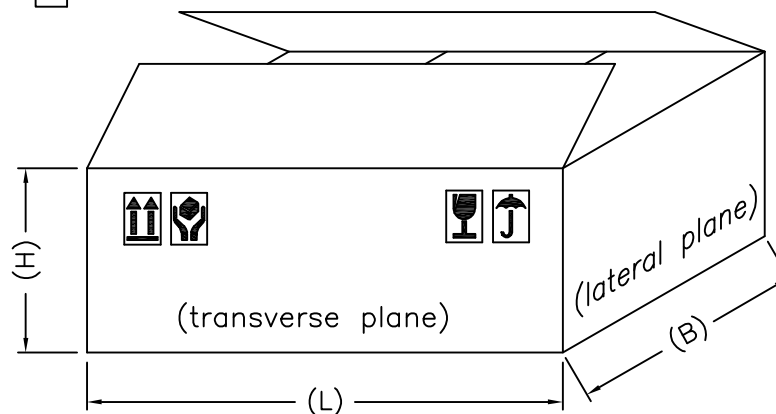


SEE NOTES: 6



外紙箱側面印刷圖(兩側)

Carton's lateral plane printing.(two faces)



CARTON SIZE:

1.CARTON TYPE: IBC 0201

(Regular Slotted Container, RSC)

2.Inner Size: 365mm x 320mm x 185mm

(Outer Size: 379mm x 334mm x 206mm, REF)

修正 REVISIONS

B.CHECK & ISSUE. '15/11/26

說明 GENERAL NOTES

- 1.MATERIAL:DOUBLE WALL BC FLUTE WITH RECYCLE UNBLEACHED KRAFT OUTER LINER.
- 2.BURSTING STRENGTH:12Kg/cm<sup>2</sup> MIN
- 3.GRAPHICS:THE GRAPHICS OF EACH VIEW SHOULD BE PRINTED ON PROPER POSITION AS DWAWING SHOWN.
- 4.PRINT COLOR:BLACK.
- 5.ANY TEAR,BURST AND FILTHY IS NOT ALLOWABLE.
- 6.RECYCLE MARK MUST BE PRINTED ON THE BOTTOM OF CARTON,THE SIZE IS 60mm MIN.
- 7.MASTER CARTON NEED CONFORM TO HALOGEN FREE NORM.

長度區分 RANGE	容許公差區分(MM) COMMON TOLERANCE			
	A	B	C	D
低於 8 LESS THAN	±0.05	±0.1	±0.2	±0.4
8~25	±0.08	±0.15	±0.3	±0.6
25~50	±0.12	±0.25	±0.5	±1.0
50~250	±0.25	±0.4	±0.8	±1.5
250~800	±0.5	±0.8	±1.5	±3.0
800~2500	±1.0	±1.5	±3.0	±6.0
ANGULAR	±0.15	±0.3	±0.5	±0.8



機型 MODEL PSMF05A-050Q-R

材質 MATERIAL

處理 TREATMENT

公差 TOLERANCE +3

圖名 DESCRIPTION Master Carton

料號 PART NO.

8711531871A-HB1

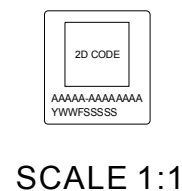
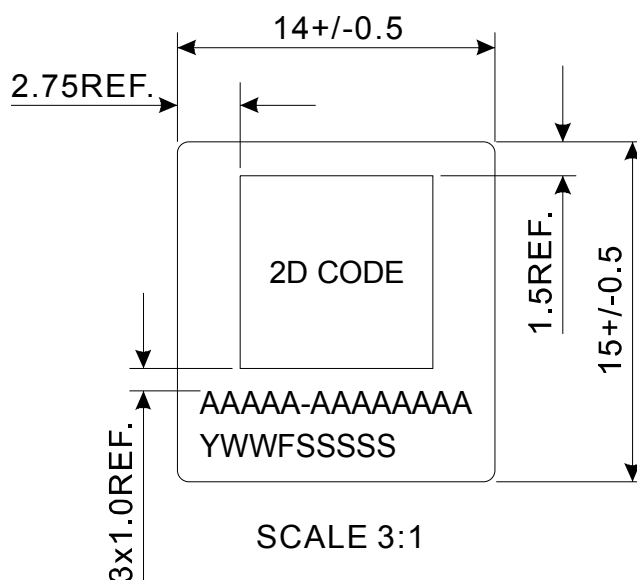
核准 APPROVED	Sidney Chen '15/11/26
審核 CHECKED	
設計 DESIGN	Sam Chang '15/11/26
製圖 DRAWN	Sam Chang '15/11/26
THIRD ANGLE PROJECTION	

比例 SCALE	×
單位 UNIT	MM

ASUS 標籤規格及編碼法則

1.2D條碼標籤列印規格:

- 2D條碼種類 : Data Matrix
- 2D條碼尺寸 : 8.5X8.5mm
- 文字部分 : Arial(字高1.0mm)
- 掃描等級需達C Class以上



2.條碼定義:

AAAAA-AAAAAAAA YWWFSSSS

序號,由00001開始到99999,每周RESET

FACTORY CODE

P=Phihong dong guan factory.(PHC)

飛宏(東莞)電子有限公司

J=Phihong dong guan tiesong factory.(PHCJ)

飛宏(東莞)電子有限公司-鐵松廠

D=Dong guan phitek factory.(Tie Song)(PHPJ)

東莞達宏電子有限公司(鐵松)

H=Dong guan phitek factory.(Xie King)(PHP)

東莞達宏電子有限公司(謝坑)

周碼,由01到52

西元年尾碼,EX : 2015=5, 2016=6

ASUS料號PSMF07A-050Q-R --> 0A001-00423200

PSMF07E-050Q-R --> 0A001-00423400

PSMF07K-050Q-R --> 0A001-00423300

PSMF07C-050Q-R --> 0A001-00423100

PSMF07I-050Q-R --> 0A001-00422900

PSM06A-050Q-R --> 0A001-00421100

PSM06C-050Q-R --> 0A001-00420300

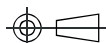
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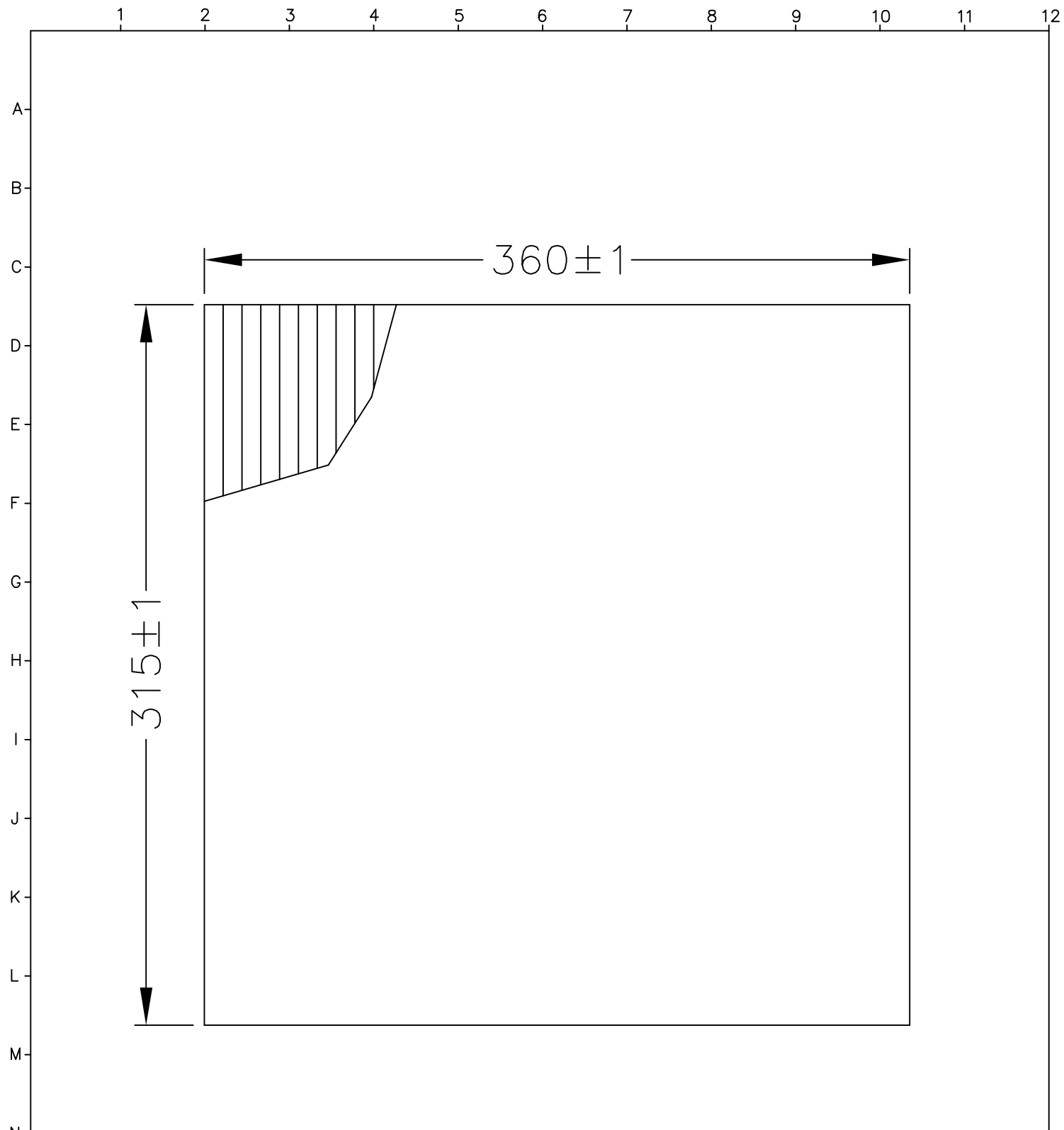
PSM06K-050Q-R --> 0A001-00420000


PSM06E-050Q(AU)-R --> 0A001-00422300

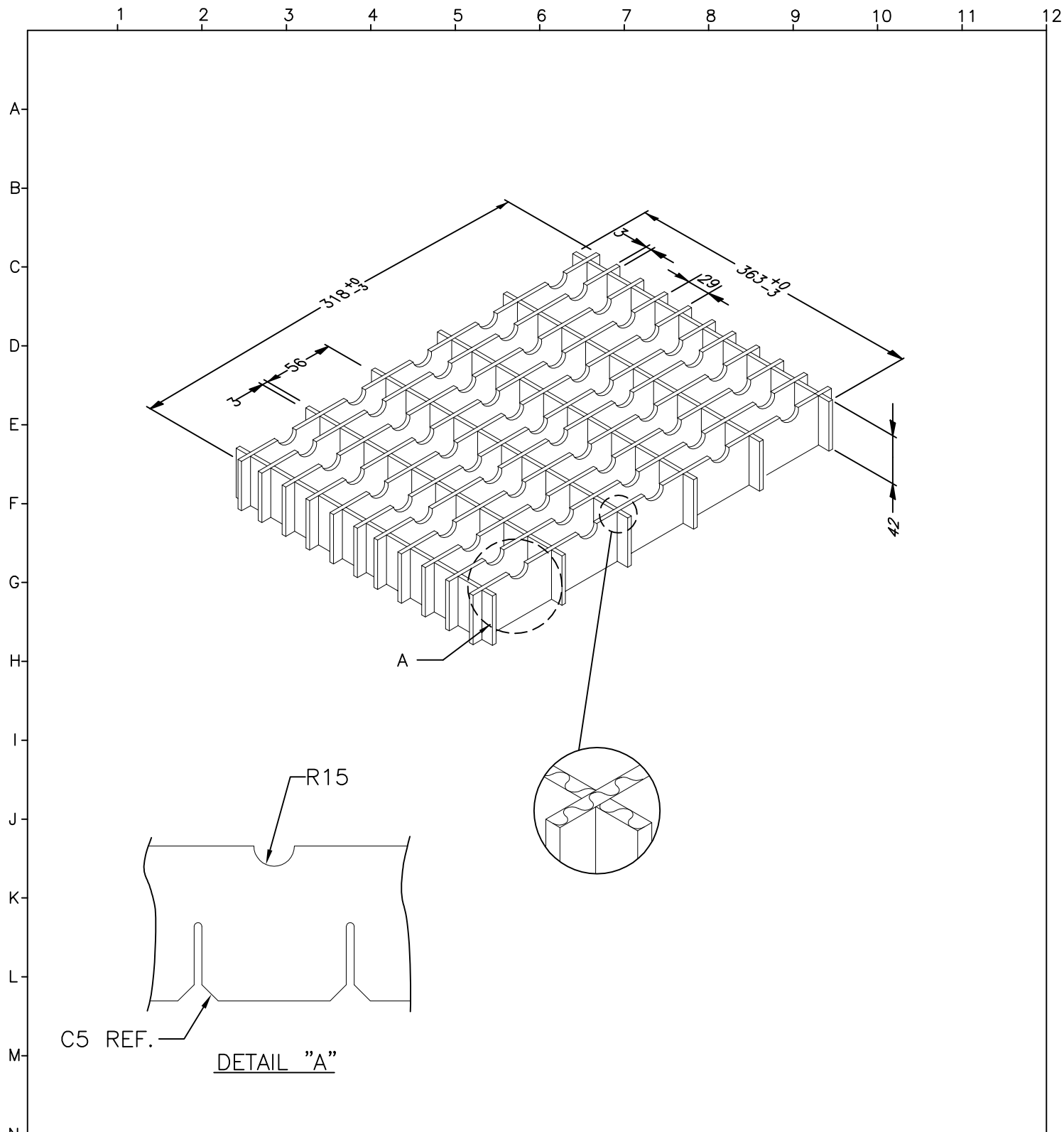


修正REVISIONS					說明GENERAL NOTES		<div><div></div><div>飛宏科技股份有限公司 PHIHONG TECHNOLOGY CO., LTD.</div></div>		
Check & Issue					1.Surface printing material: HTLW25#(黑色PET) Thickness: 0.027+/-0.03mm. Material color: Black Print color: White 2.Adhesive: acrylic. 3.The part must meet with the requirement of halogen free.		機型MODEL		PSMF07A-050Q-R
B1.Add factory code							材質MATERIAL		
B2.Add ASUS part number							處理TREATMENT		
長度區分 RANGE		容許公差區分 (MM) COMMON TOLERANCE			核准APPROVED	Sidney Chen '16/09/30	公差 TOLERANCE	D	圖名DESCRIPTION
低於 8 LESS THAN		A	B	C	D	審核CHECKED		比例 SCALE	BAR CODE LABEL
8 ~ 25		0.05	0.1	0.2	0.4	安規SAFETY			
25 ~ 80		0.08	0.15	0.3	0.6			設計DESIGN	Sam Chang '15/07/28
80 ~ 250		0.12	0.25	0.5	1.0	製圖DRAWN	Bambi Yu '16/09/30		
250 ~ 800		0.25	0.4	0.8	1.5			單位 UNIT	MM
800 ~ 2500		0.5	0.8	1.5	3.0	84200700044-HB2			
角度 ANGULAR		1.0	1.5	3.0	6.0				
		0.15	0.3	0.5	0.8				

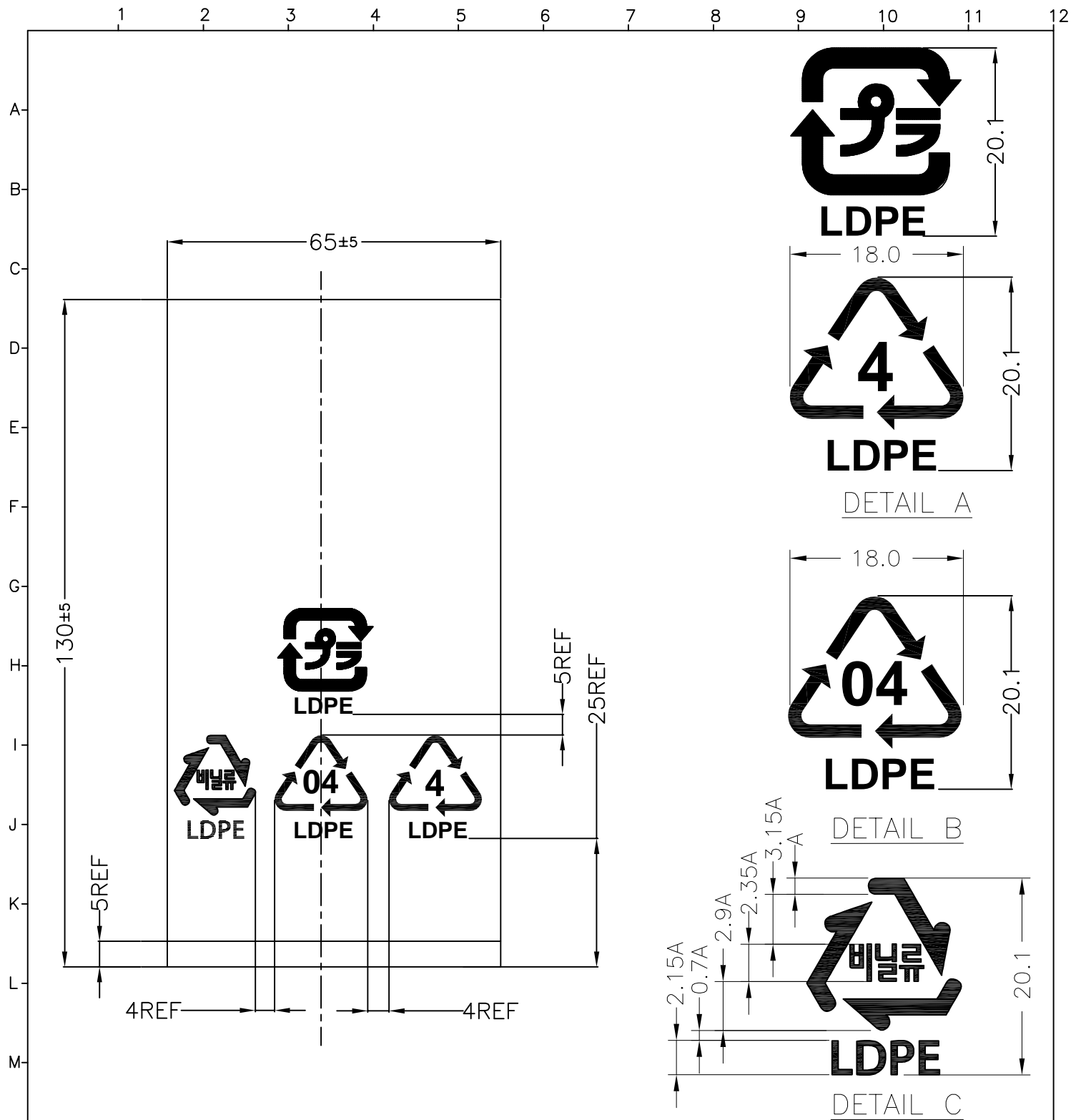





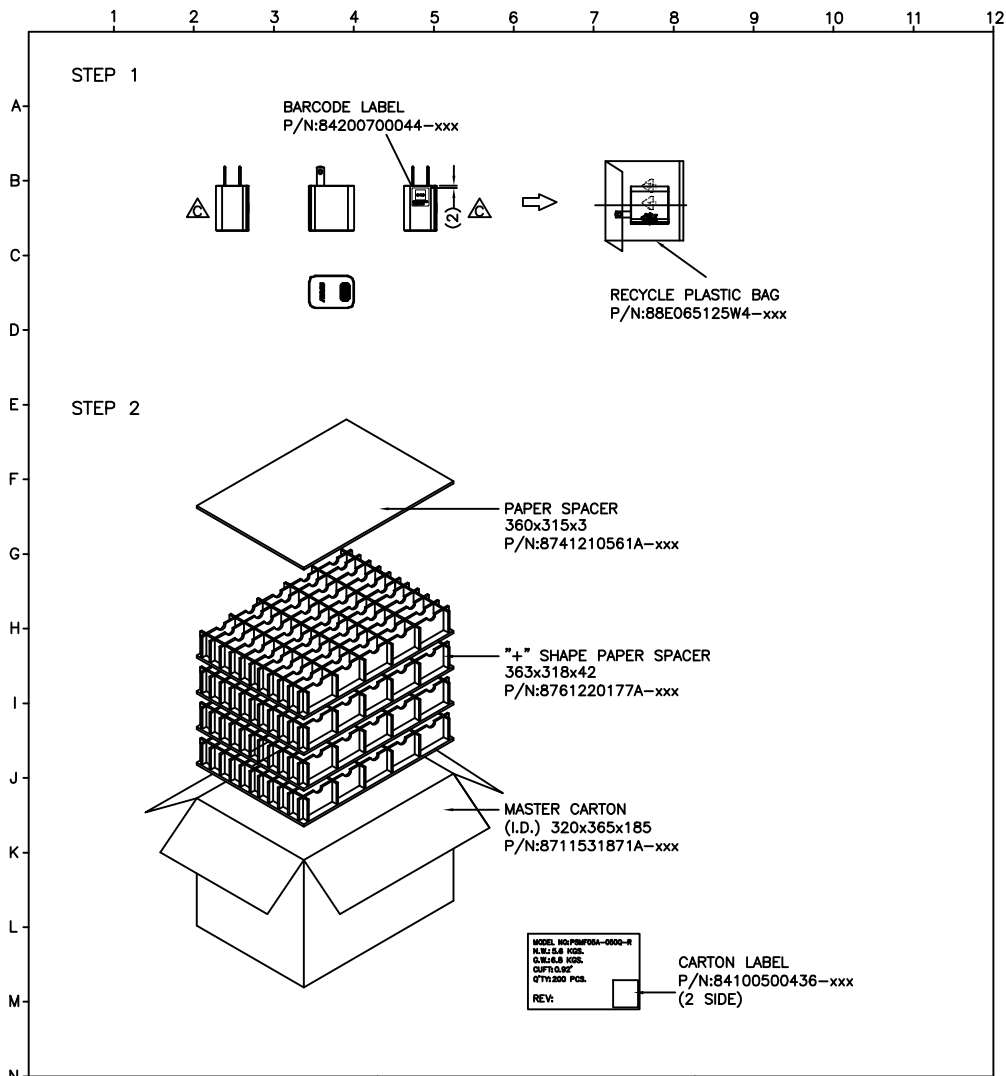
修 正		REVISIONS		說 明		GENERAL NOTES		<div><div></div><div>飛宏科技股份有限公司 PHIHONG TECHNOLOGY CO., LTD.</div></div>	
A.CHECK & ISSUE.				'13/03/04		1.MATERIAL:B CLASS B CORRUGATED, THICKNESS: 3mm. 2.THE BURSTING IS HIGHER THAN 8Kg/cm <sup>2</sup> . 3.THE PART MUST MEET WITH THE REQUIEMENT OF HALOGEN FREE.		機 型 MODEL PSM06A-050Q-R	
								材 質 MATERIAL NOTE 1.	
								處理 TREATMENT	
長 度 區 分		容許公差區分 (MM)						公 差	
RANGE		COMMON TOLERANCE						TOLERANCE	
低 於 8 LESS THAN		A	B	C	D	核 准 APPROVED		THOMAS	
8 ~ 25		±0.05	±0.1	±0.2	±0.4	審 核 CHECKED		'13/03/04	
25 ~ 80		±0.08	±0.15	±0.3	±0.6	設 計 DESIGN		Terim	
80 ~ 250		±0.12	±0.25	±0.5	±1.0	製 圖 DRAWN		'13/03/04	
250 ~ 800		±0.25	±0.4	±0.8	±1.5				
800 ~ 2500		±0.5	±0.8	±1.5	±3.0				
角 度 ANGULAR		±1.0	±1.5	±3.0	±6.0				
		±0.15°	±0.3°	±0.5°	±0.8°				
								比例 SCALE	
								單位 UNIT MM	
								圖 名 DESCRIPTION PAPER SPACER 紙隔板	
								料 號 PART NO. 8741210561A-HA1	



修 正 REVISIONS		說 明 GENERAL NOTES		飛宏科技股份有限公司 PHIHONG TECHNOLOGY CO., LTD	
A.CHECK & ISSUE. '13/03/04		1.MATERIAL:B CLASS B CORRUGATED, THE BURSTING IS HIGHER 10Kg/cm <sup>2</sup> . .CORRUGATED TYPE IS U SHAPE. 2.THE CORRUGATED IS NO TEAR, BURSH, AND FILTHY. 3.THE PART MUST MEET WITH THE REQUIEMENT OF HALOGEN FREE.		機 型 MODEL PSM06A-050Q-R	
				材 質 MATERIAL	
				處理 TREATMENT	
長 度 區 分 RANGE		容許公差區分 (MM) COMMON TOLERANCE		公 差 B TOLERANCE	
低於 8 LESS THAN	A ±0.05 B ±0.08 25 ~ 80 ±0.12 80 ~ 250 ±0.25 250 ~ 800 ±0.5 800 ~ 2500 ±1.0 角 度 ANGULAR ±0.15'	B ±0.1 ±0.15 ±0.25 ±0.4 ±0.8 ±1.5 ±1.5	C ±0.2 ±0.3 ±0.5 ±0.8 ±1.5 ±3.0 ±0.5'	D ±0.4 ±0.6 ±1.0 ±1.5 ±3.0 ±6.0 ±0.8'	圖 名 DESCRIPTION "+ " PAPER SPACER 十字隔板
		核 准 APPROVED Thomas		比例 SCALE	
		審 核 CHECKED '13/03/04		單位 UNIT MM	
		設 計 DESIGN Terrin		料 號 PART NO.	
		製 圖 DRAWN '13/03/04		8761220177A-HA1	



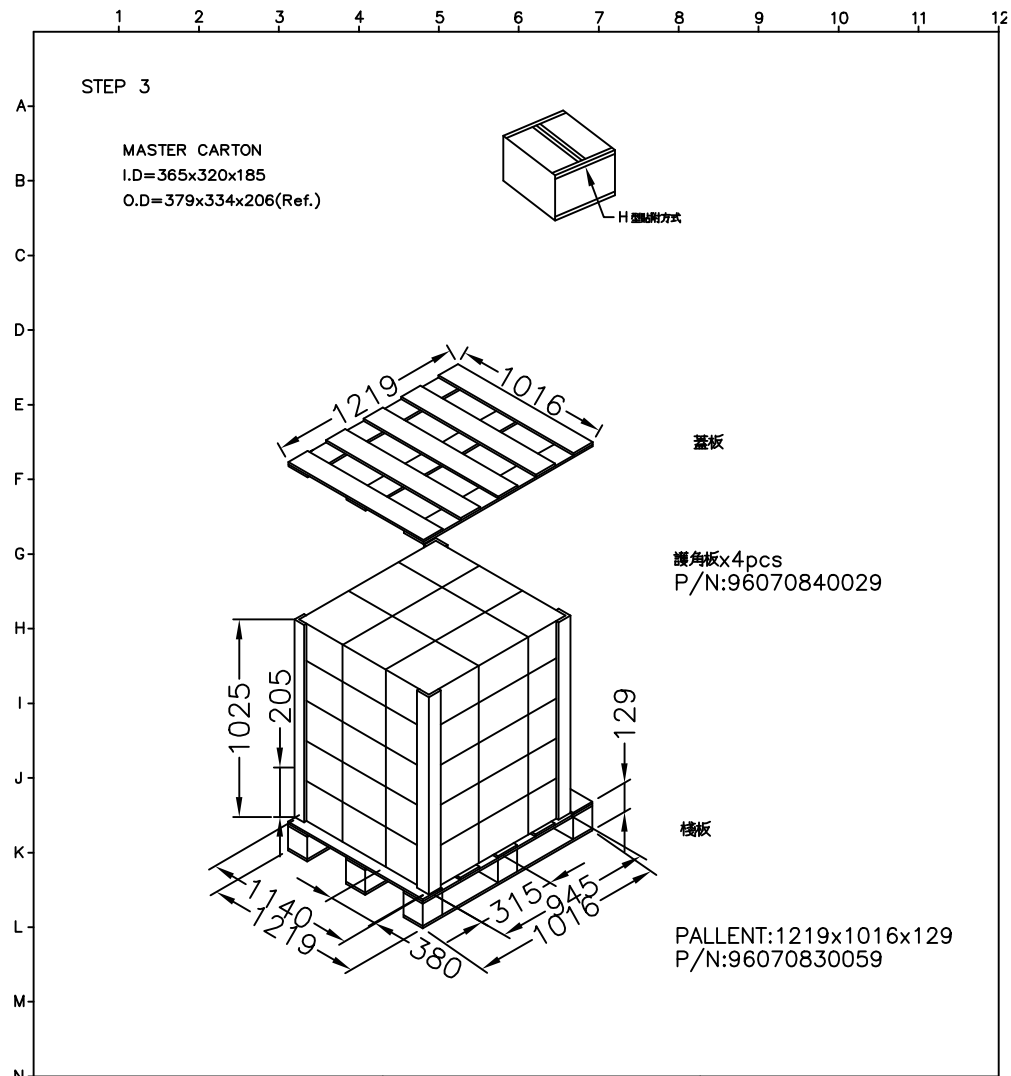
修 正 REVISIONS		說 明 GENERAL NOTES		<div><div></div><div>飛宏科技股份有限公司 PHIHONG TECHNOLOGY CO., LTD.</div></div>		
CHECK & ISSUE. '13/03/04		1.THE POLY BAG SHALL BE MADE OF LOW DENSITY POLYETHYLENE RECYCLE #4 MATERIAL. 2.POLY BAG COLOUR:TRANSPARENT. 3.THE RECYCLE MARK ARE BLACK PRINTING. 4..THE POLY BAG MUST MEET WITH THE REQUIREMENT OF Halogen free.				
				機 型 MODEL PSM06A-050		
				材 質 MATERIAL LDPE(T=0.04mm)		
				處理 TREATMENT		
長 度 區 分 RANGE		容許公差區分 (MM) COMMON TOLERANCE		公 差 ±1 TOLERANCE		
低於 8 LESS THAN		A ±0.05	B ±0.1	C ±0.2	D ±0.4	圖 名 DESCRIPTION RECYCLE PLASTIC BAG
8 ~ 25		±0.08	±0.15	±0.3	±0.6	
25 ~ 80		±0.12	±0.25	±0.5	±1.0	
80 ~ 250		±0.25	±0.4	±0.8	±1.5	
250 ~ 800		±0.5	±0.8	±1.5	±3.0	
800 ~ 2500		±1.0	±1.5	±3.0	±6.0	
角 度 ANGULAR		±0.15'	±0.3'	±0.5'	±0.8'	比例 SCALE X
				單位 UNIT MM		
				88E065125W4-HA1		



修 正 REVISIONS				說 明 GENERAL NOTES		飛宏科技股份有限公司 FENG HONG TECHNOLOGY CO., LTD.	
B.CHECK & ISSUE.				'15/12/01		1.PLACE POWER SUPPLY INTO POLY BAG. 2.PLACE THE UNIT WITH POLY BAG INTO THE CAVITY OF "+" PAPER SPACER. 3.THE CARTON HAS 4 LAYERS, 50 UNITS EACH, TOTAL OF 200 UNITS.	
C.Correction				'15/12/22			
D.Delete Protective Film				'16/12/05			
						機 型 MODEL PSMF05A-050Q-R	
						材 質 MATERIAL	
						處 理 TREATMENT	
						公 差 TOLERANCE	
						圖 名 DESCRIPTION	
						PACKING PROCESS	
						料 號 PART NO.	
						PES68417-D	
						單 位 UNIT MM	

PE-2 210X297±2MM THIRD ANGLE PROJECTION

SHEET 1 OF 2



修 正 REVISIONS				說 明 GENERAL NOTES		飛宏科技股份有限公司 FENG HONG TECHNOLOGY CO., LTD.	
B.CHECK & ISSUE.				'15/12/01		機 型 MODEL PSMF05A-050Q-R	
C.Correction				'15/12/22			
D.Delete Protective Film				'16/12/05			
				1.THE MASTER CARTON PACKING INCLUDING 4 LAYERS, 50 UNITS EACH, TOTAL 200 UNITS IN MASTER CARTON.		材 質 MATERIAL	
				2.THE PALLET PACKING FOR US SHIPPING INCLUDING 5 LAYERS, 9 CARTONS EACH, TOTAL 45 CARTONS, 9000 UNITS ON THE PALLET.			
						處 理 TREATMENT	
長 度 區 分 RANGE		容 許 公 差 區 分 (MM) COMMON TOLERANCE				公 差 TOLERANCE	
		A	B	C	D		
低於 8 LESS THAN		±0.05	±0.1	±0.2	±0.4		
8 ~ 25		±0.08	±0.15	±0.3	±0.6		
25 ~ 80		±0.12	±0.25	±0.5	±1.0		
80 ~ 250		±0.25	±0.4	±0.8	±1.5		
250 ~ 800		±0.5	±0.8	±1.5	±3.0		
800 ~ 2500		±1.0	±1.5	±3.0	±6.0		
角 度 ANGULAR		±0.15°	±0.3°	±0.5°	±0.8°		
				核 准 APPROVED Sidney Chen '16/12/05		比 例 SCALE	
				審 核 CHECKED Sam Chang '16/12/05			
				設 計 DESIGN Ray Lee '16/12/05			
				製 圖 DRAWN Ray Lee '16/12/05		單 位 UNIT MM	
						圖 名 DESCRIPTION	
						PACKING PROCESS	
						料 號 PART NO.	
						PES68417-D	

PE-2 210X297±2MM THIRD ANGLE PROJECTION

SHEET 2 OF 2