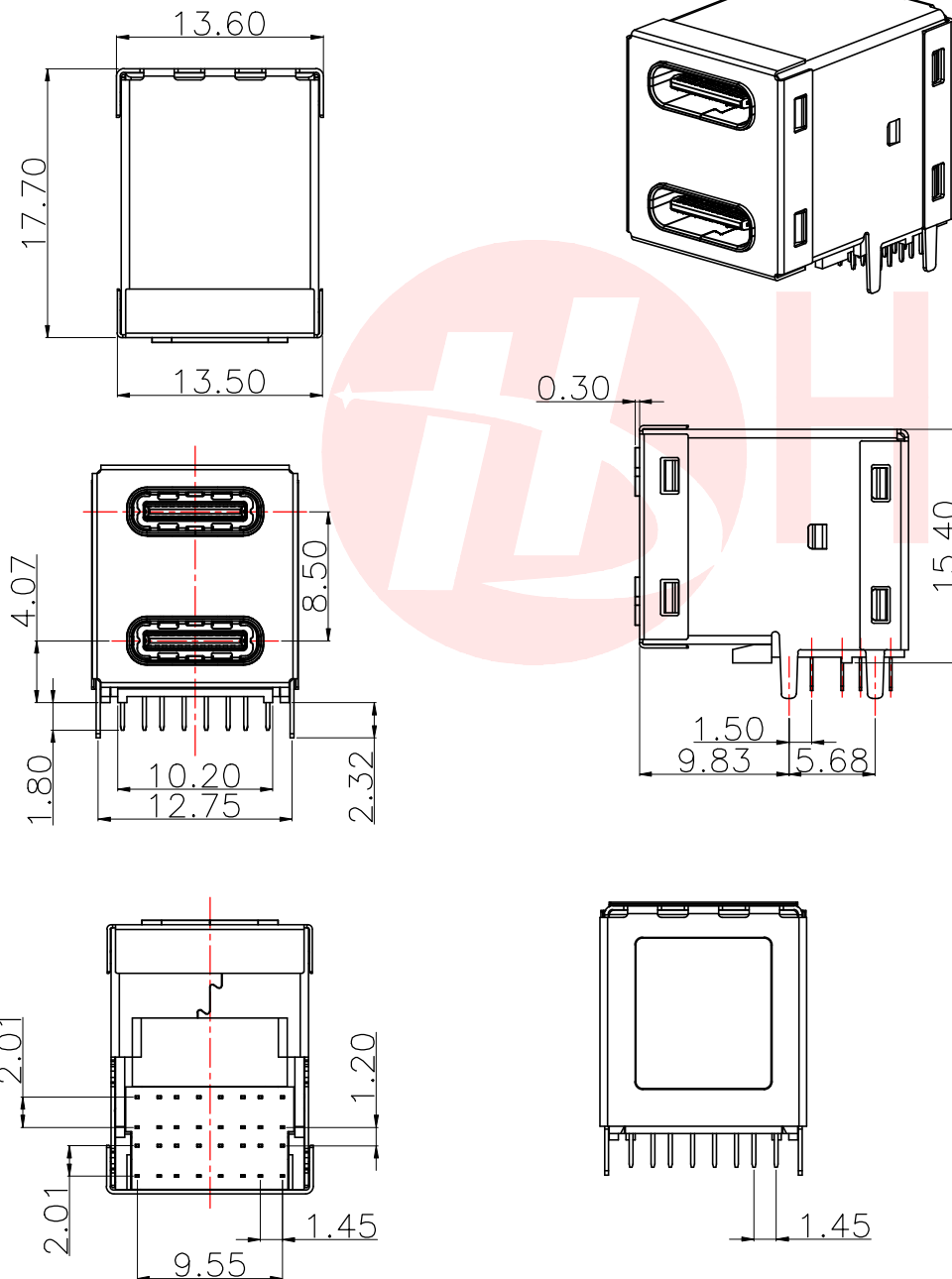




REV.	ECN NO OR DESCRIPTION	REVISED	DATE



NOTE:

1.MATERIAL:

1.1 HOUSING: LCP, UL 94V-0, COLOR- BLUE (PANTONE 300C) OR BLACK

1.2 BOTTOM COVER: LCP, UL 94V-0,COLOR- BLUE (PANTONE 300C) OR BLACK

1.3 CONTACT: C7025(T=0.12mm);C7025(T=0.15mm)

1.4 SOCKET SHELL: SUS304-1/2H(T=0.3mm)

1.5 FRONT MIDDLE SHELL:SUS304-1/2H(T=0.25mm)

1.6 REAR SHELL: SUS304-1/2H(T=0.2mm)

1.7 MID PLATE: SUS301-1/2H(T=0.15mm)

1.8 PCB: FR4

2.ELECTRICAL CHARACTERISTICS;

2.1 CONTACT RESISTANCE: 30mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.

2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(PINA1,A4,A9,A12,B1,B4,B9,B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40℃ ~ 85℃

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST

3.3 DURABILITY: 10,000 CYCLES

4.PLATING

4.1 TERMINAL CONTACT: 1u" GOLD PLATING ON CONTACT AREA, ALL OVER 50u" Min NICKEL AND

1u"Min Matte GOLD ALL OVER 50u" Min NICKEL ON SOLDER AREA

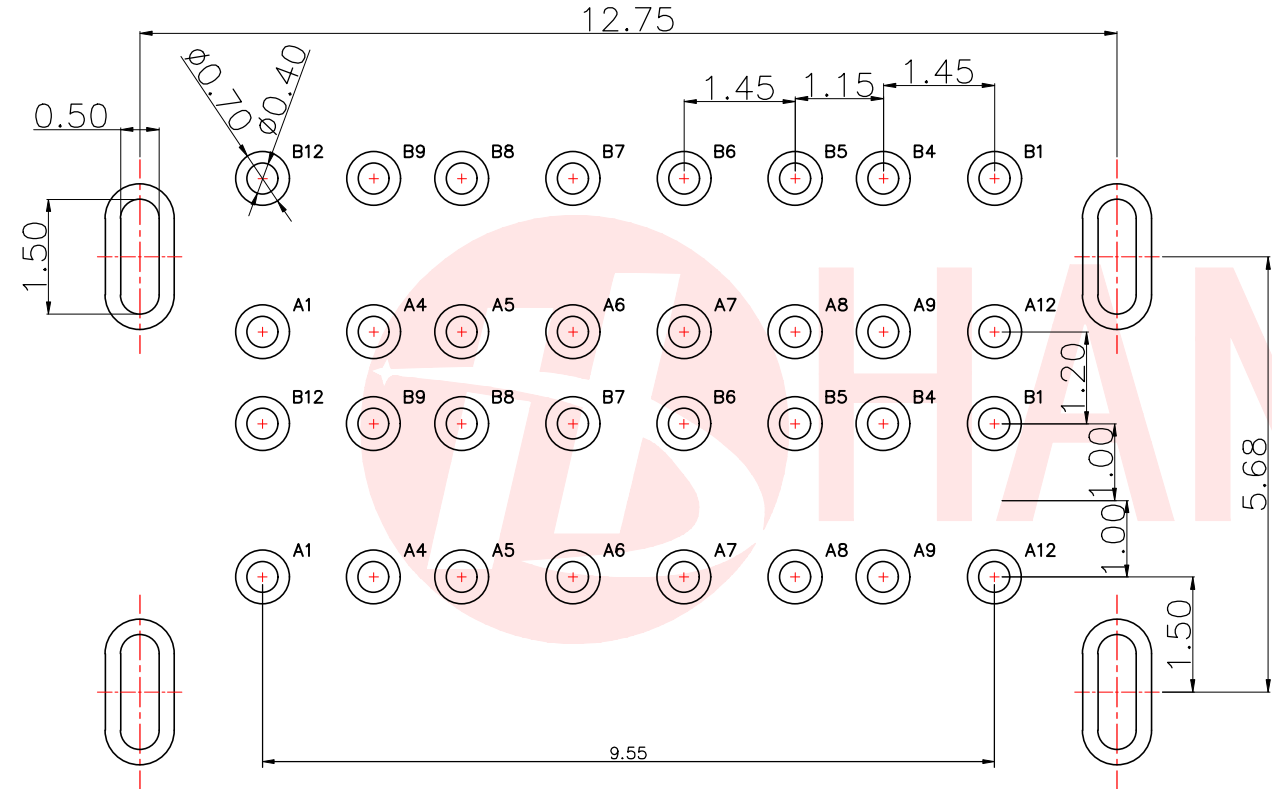
4.2 SHELL: 50u" Min. NICKEL ALL OVER,

4.3 MID PLATE: CLEAN

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:		TITLE			
X :±0.25		USB TYPE C Receptacle 16PIN 2x1 Shell straight edge			
X.X :±0.20		DWN	xiong	PART NO. MC-130DAP16	
X.XX :±0.10		CHKD	lee	SCALE:1:1	UNIT: mm
		APVD	wang	SIZE: A4	SHEET:10F 1
		CUSTOMER COPY			
		REV: A4			



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

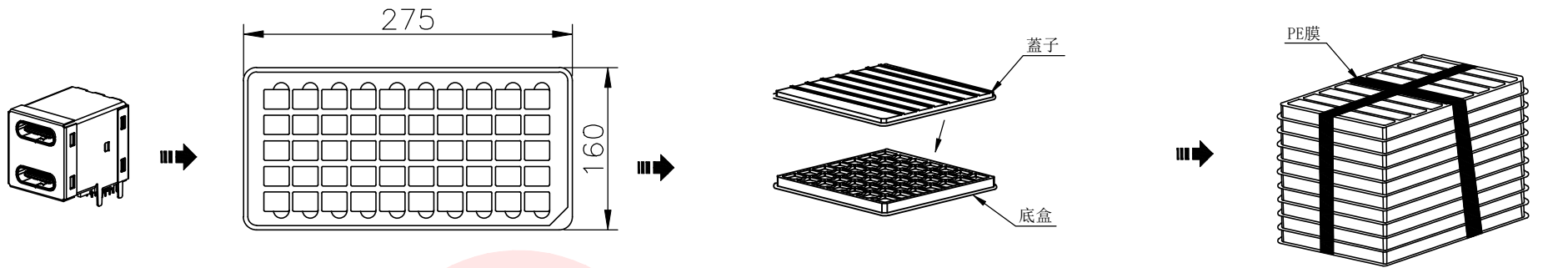
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

RECOMMENDED PCB LAYOUT(TOP VIEW)
(DEFAULT TOLERANCE:±0.05)

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	USB TYPE C Receptacle 16PIN 2x1 Shell straight edge		
X :±0.25	X :±2°	DWN	xiong	PART NO. MC-130DAP16	
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1
CUSTOMER COPY					



REV.	ECN NO OR DESCRIPTION	REVISED	DATE

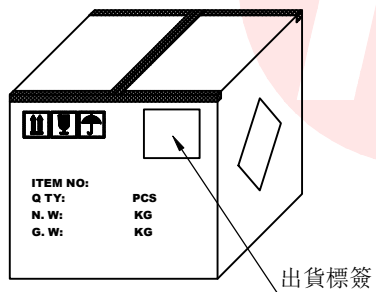


產品

1、將產品整齊擺放脆盤中,共50PCS.

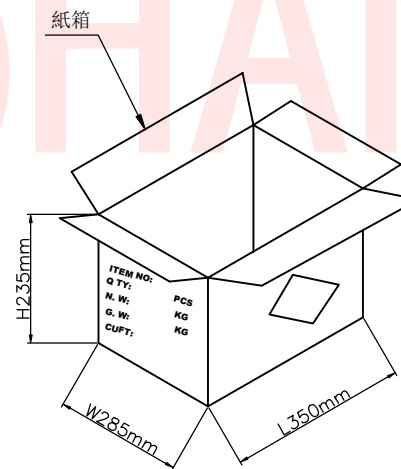
2、裝滿一盤產品後,將蓋子蓋上。

3、將裝滿產品的脆盤疊放10層;然後用打包膜捆綁(共500PCS)。

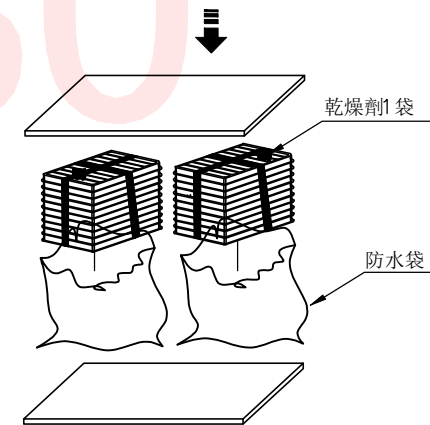


1000PCS/箱

6、用膠紙工字型封住紙箱,一共1000PCS產品。



5、將產品2捆並排放入紙箱,上下各放一紙板。

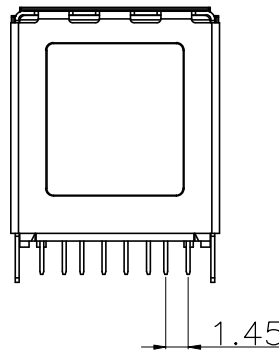
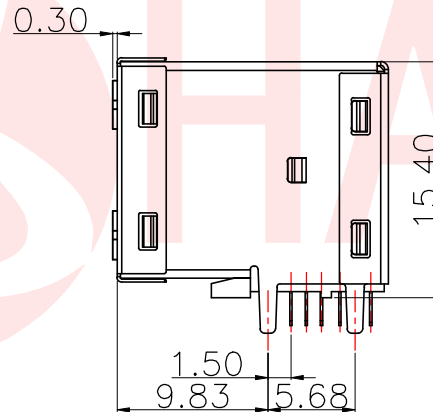
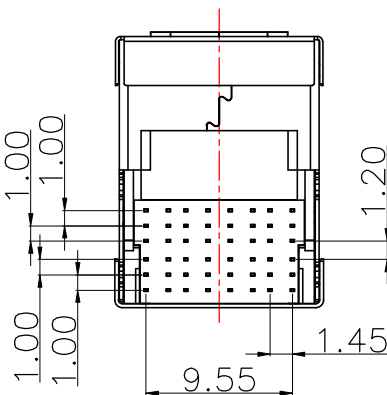
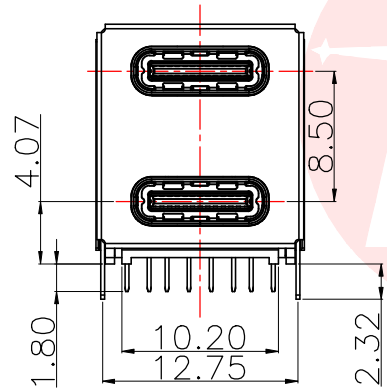
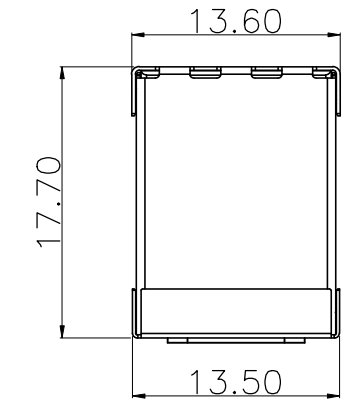
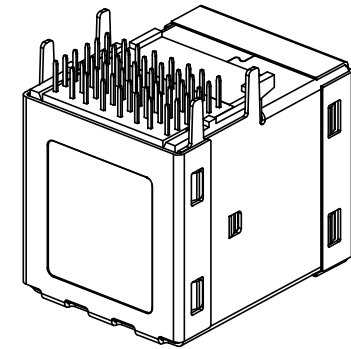
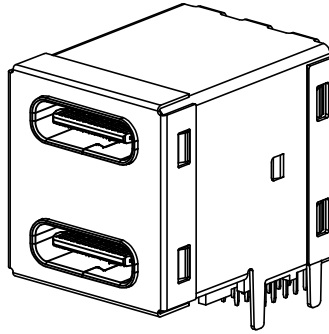


4、將每10層捆綁好的產品裝入一個防水袋,加入一袋干燥劑。

作業步驟:

- 1、將產品整齊放入脆盤中,共50PCS,再蓋上蓋子。
- 2、將裝滿50PCS產品的脆盤疊放10盤,用打包膜捆綁。
- 3、將捆綁好的產品放入防水袋中,再放入1袋乾燥劑,膠帶封口(共500PCS)。
- 4、在紙箱底先放一個紙板,然後將捆好的產品並排放入紙箱,頂層再放一個紙板。
- 5、合上紙箱後,再用膠帶工字型將紙箱封口,整箱共1000PCS產品。
- 6、貼上出貨標籤,如有零數箱需做標識。
- 7、紙箱材質尺寸: K=K 350*285*235mm (外徑)
脆盤材質尺寸: PS防靜電 275*160*20mm

UNLESS OTHERWISE SPECIFIED TOLERANCES		 东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS: ANGLES:		TITLE USB TYPE C Receptacle 16PIN 2x1 Shell straight edge			
X	:±0.25	X	:±2°	DWN xiong PART NO. MC-130DAP16	
X.X	:±0.20	X.X	:±1°	CHKD lee SCALE:1:1 UNIT: mm 	
X.XX	:±0.10	APVD	wang	SIZE: A4	SHEET:10F 1 REV: A4
CUSTOMER COPY					



NOTE:

1.MATERIAL:

- 1.1 HOUSING: LCP, UL 94V-0, COLOR- BLUE (PANTONE 300C) OR BLACK
 - 1.2 BOTTOM COVER: LCP, UL 94V-0, COLOR- BLUE (PANTONE 300C) OR BLACK
 - 1.3 CONTACT: C7025(T=0.12mm);C7025(T=0.15mm)
 - 1.4 SOCKET SHELL: SUS304-1/2H(T=0.3mm)
 - 1.5 FRONT MIDDLE SHELL: SUS304-1/2H(T=0.25mm)
 - 1.6 REAR SHELL: SUS304-1/2H(T=0.2mm)
 - 1.7 MID PLATE: SUS301-1/2H(T=0.15mm)
 - 1.8 PCB: FR4
- ##### 2.ELECTRICAL CHARACTERISTICS:
- 2.1 CONTACT RESISTANCE: 30mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - 2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(PINA1,A4,A9,A12,B1,B4,B9,B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - 2.4 INSULATION RESISTANCE 100MΩ Min
 - 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C
- ##### 3 MECHANICAL CHARACTERISTICS:
- 3.1 MATING FORCE: 5~20 N.
 - 3.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST
 - 3.3 DURABILITY: 10,000 CYCLES
- ##### 4.PLATING
- 4.1 TERMINAL CONTACT: 1u" GOLD PLATING ON CONTACT AREA, ALL OVER 50u" Min NICKEL AND 1u"Min Matte GOLD ALL OVER 50u" Min NICKEL ON SOLDER AREA
 - 4.2 SHELL: 50u" Min. NICKEL ALL OVER,
 - 4.3 MID PLATE: CLEAN

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.25 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10



东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	USB TYPE C Receptacle 24PIN 2x1 Shell straight edge			
DWN	xiong	PART NO. MC-130DAP24		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4
CUSTOMER COPY				



REV.	ECN NO OR DESCRIPTION	REVISED	DATE

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

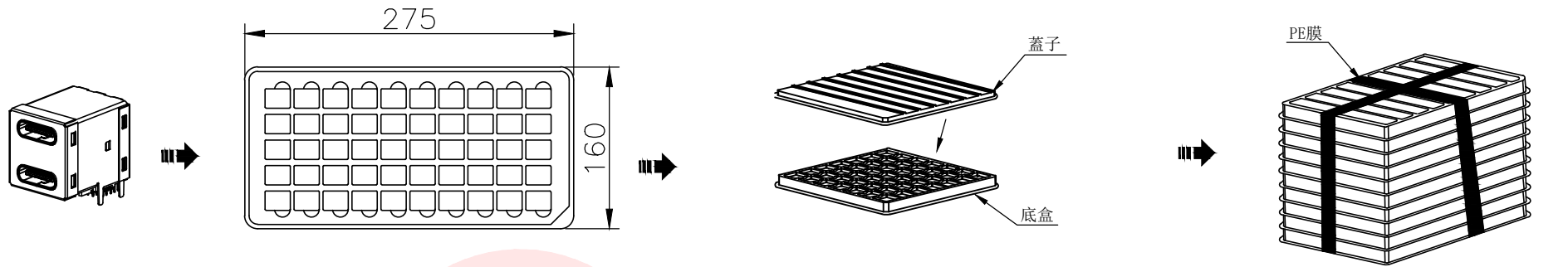
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

RECOMMENDED PCB LAYOUT(TOP VIEW)
(DEFAULT TOLERANCE:±0.05)

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:		TITLE			
X :±0.25		USB TYPE C Receptacle 24PIN 2x1 Shell straight edge			
X.X :±0.20		DWN	xiong	PART NO. MC-130DAP24	
X.XX :±0.10		CHKD	lee	SCALE:1:1	UNIT: mm
		APVD	wang	SHEET:10F 1	REV: A4
CUSTOMER COPY					



REV.	ECN NO OR DESCRIPTION	REVISED	DATE

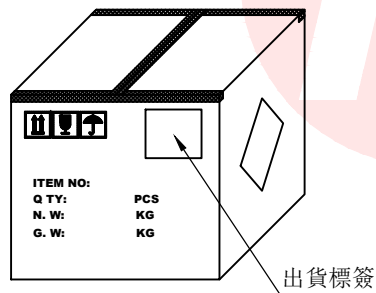


產品

1、將產品整齊擺放脆盤中,共50PCS.

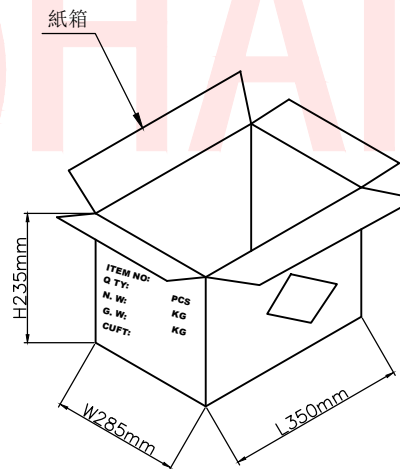
2、裝滿一盤產品後,將蓋子蓋上。

3、將裝滿產品的脆盤疊放10層;然後用打包膜捆綁(共500PCS)。

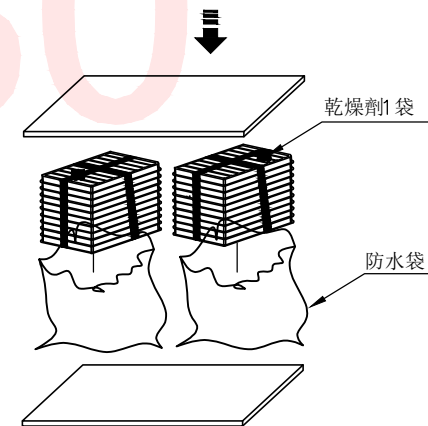


1000PCS/箱

6、用膠紙工字型封住紙箱,一共1000PCS產品。



5、將產品2捆並排放入紙箱,上下各放一紙板。



4、將每10層捆綁好的產品裝入一個防水袋,加入一袋干燥劑。

作業步驟:

- 1、將產品整齊放入脆盤中,共50PCS,再蓋上蓋子。
- 2、將裝滿50PCS產品的脆盤疊放10盤,用打包膜捆綁。
- 3、將捆綁好的產品放入防水袋中,再放入1袋干燥劑,膠帶封口(共500PCS)。
- 4、在紙箱底先放一個紙板,然後將捆好的產品並排放入紙箱,頂層再放一個紙板。
- 5、合上紙箱後,再用膠帶工字型將紙箱封口,整箱共1000PCS產品。
- 6、貼上出貨標籤,如有零數箱需做標識。
- 7、紙箱材質尺寸: K=K 350*285*235mm (外徑)
脆盤材質尺寸: PS防靜電 275*160*20mm

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	USB TYPE C Receptacle 24PIN 2x1 Shell straight edge		
X :±0.25	X :±2°	DWN	xiong	PART NO. MC-130DAP24	
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1
CUSTOMER COPY					