

The product using material and processing must conform to the "WI-PZ-142" HSF technical standard control requirements

NOTE:

1. Material:

Housing: PBT Black; Thermoplastics, UL94V-0;
 Cap: LCP Black; Thermoplastics, UL94V-0;
 Contact: Copper Alloy
 Shell: Ferro Alloy
 Cover: Ferro Alloy

2. Finish:

Contact: Gold Flash Plated on Contact Area,
 80u" Min. Tin Plated on Solder Tails,
 30u" Min. Nickel Underplating Over All.
 Shell: 50u" Min. Nickel Underplating Over All.

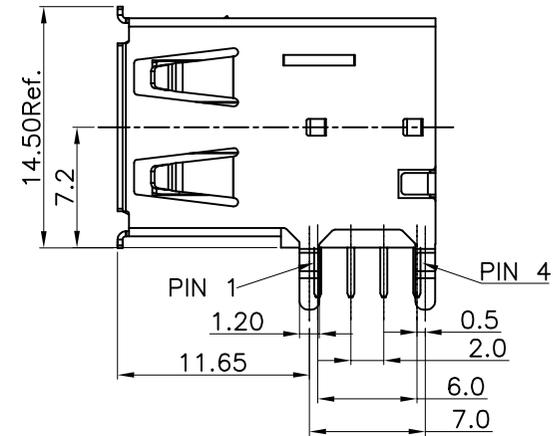
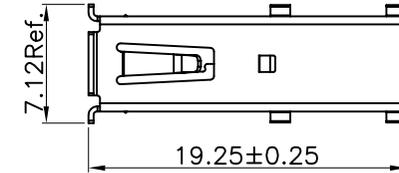
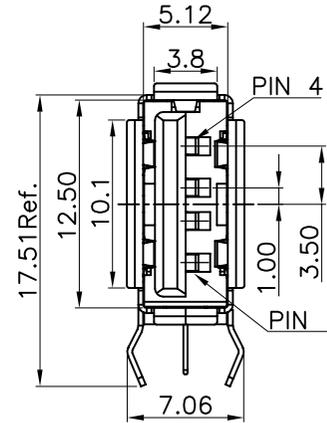
3. Specification:

3.1: Rating:

Rated voltage: 30V AC/DC. Rated current: 1.5A Max.

3.2: Electrical:

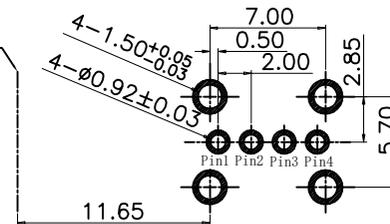
Insulation Resistance (EIA-364-21):
 1000MΩ Min. at 500V/DC for 1Minute.
 Contact Resistance (EIA-364-23):
 30mΩ Max. at 20mV Max, 50mA
 Dielectric Withstanding Voltage (EIA-364-20):
 No discharge, flashover or breakdown at 500V/AC 1Minute



Pin Assignment

Pin No.	Signal Name	Typical Wiring Assignment
Pin1	VBUS	Red
Pin2	Data+	White
Pin3	Data-	Green
Pin4	Ground	Black
Shell	Shield	Drain wire

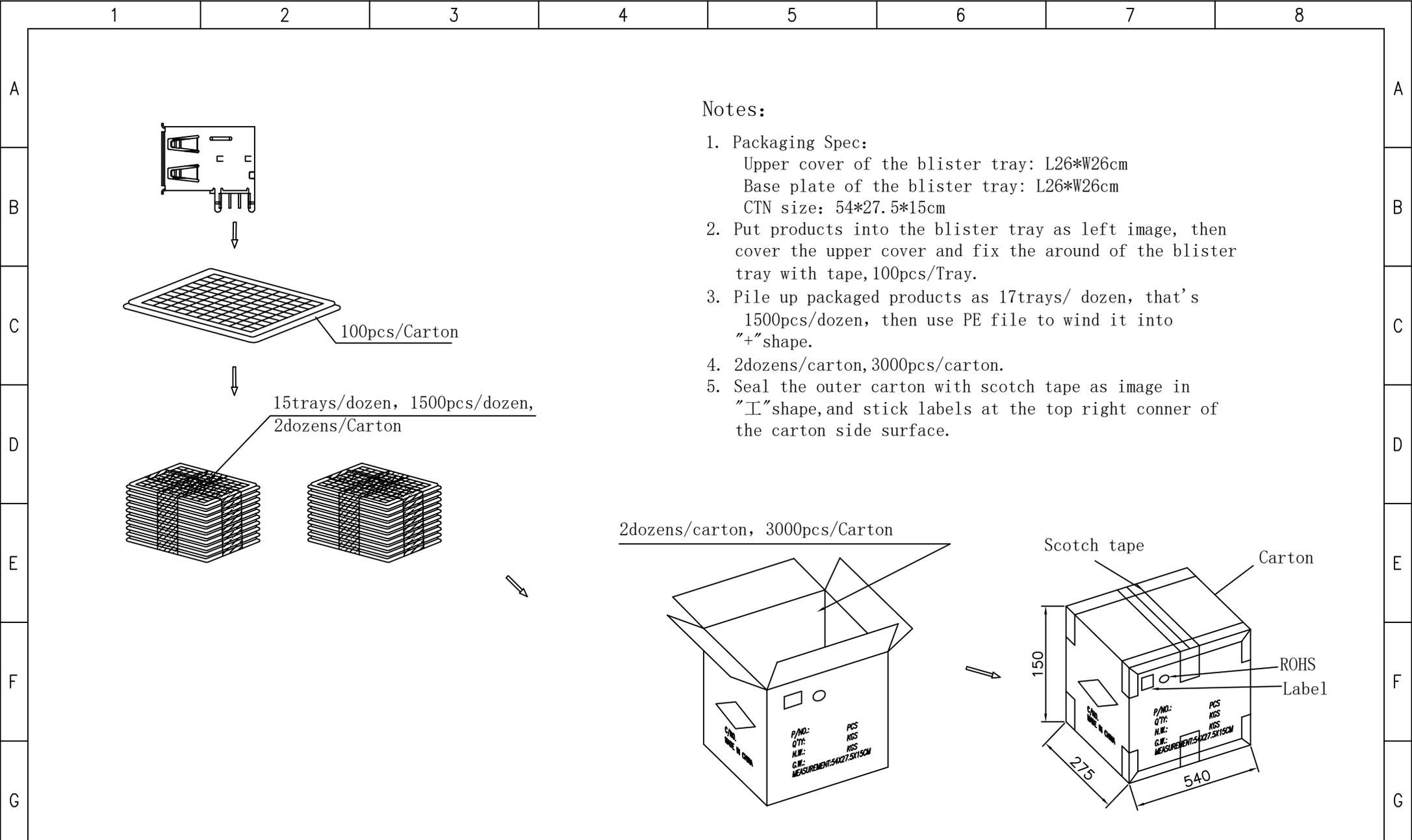
PROFILE OF CONNECTOR



RECOMMENDED PCB LAYOUT(TOP VIEW)

GENERAL TOLERANCES: ±0.05
 THICKNESS=2.0mm
 ■ PAD AREA

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: AUFANB-053-01	DWG. NO: ENDE05	 TERMINAL&CONNECTORS
X0	新图面发行	2022. 12. 13		LINEAR	ANGLES	APPROVED					
			UNIT: MM	0.00±0.20	X° REF±6°	DESIGNER			TITLE: USB AF DIP 90度侧插		
			SIZE: A4	0.000±0.10	X° X'±2°	DRAWN	HXF	2022. 12. 13			



Notes:

- 1. Packaging Spec:**
 Upper cover of the blister tray: L26*W26cm
 Base plate of the blister tray: L26*W26cm
 CTN size: 54*27.5*15cm
- 2.** Put products into the blister tray as left image, then cover the upper cover and fix the around of the blister tray with tape, 100pcs/Tray.
- 3.** Pile up packaged products as 17trays/ dozen, that's 1500pcs/dozen, then use PE file to wind it into "+" shape.
- 4.** 2dozens/carton, 3000pcs/carton.
- 5.** Seal the outer carton with scotch tape as image in "工" shape, and stick labels at the top right corner of the carton side surface.

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: AUFANB-053-01	DWG. NO: ENDE05	 TERMINAL&CONNECTORS
X0	新图面发行	2022. 12. 13		LINEAR	ANGLES	APPROVED					
			0.0±0.25	X° REF±6°	DESIGNER	TITLE: USB AF DIP 90度侧插					
			UNIT: MM	0.00±0.15	X° ±3°	DRAWN	HXF	2022. 12. 13	REV: X0	SHEET: 2/2	
			SIZE: A4	0.000±0.08	X° X'±2°						