

RECOMMENDED PCB LAYOUT

Specifications

A. Material

Plastic cement: PBT, 94V-0, White

Contact: Copper Alloy, T=0.25mm

Shell: Copper Alloy, T=0.30mm

B. Plating

Contact Area: 1u" Au over 50u' min. Nickel

Solder Tails: 100u" min. Matte Tinover 50u' min. Nickel

Shell: 60u" min. Nickel

C. Electrical

Current Rating: 1.5A/contact terminal

Voltage Rating: 30V

Power Rating: 45W

Contact Resistance: 40mΩ max initial
50mΩ max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance: 100MΩ min.

D. Mechanical & Environmental

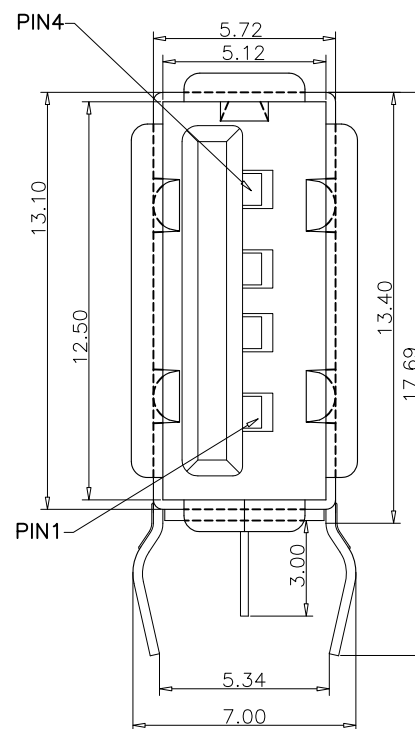
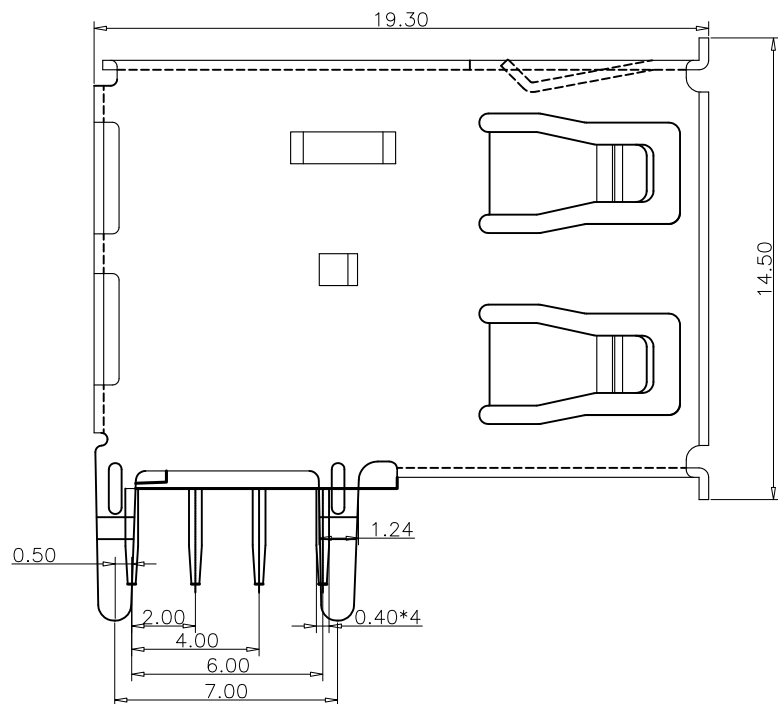
Operating Temperature: -25℃ to +85℃

Insertion force: 35.7 N Max

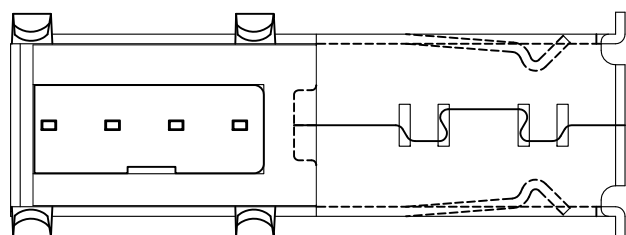
Withdrawal force: 10.2 N Min

Contact retention: 4.5N Min

Durability: 1500 cycles



Pin Numbe	Signal Name
1	VBUS
2	D-
3	D+
4	GND

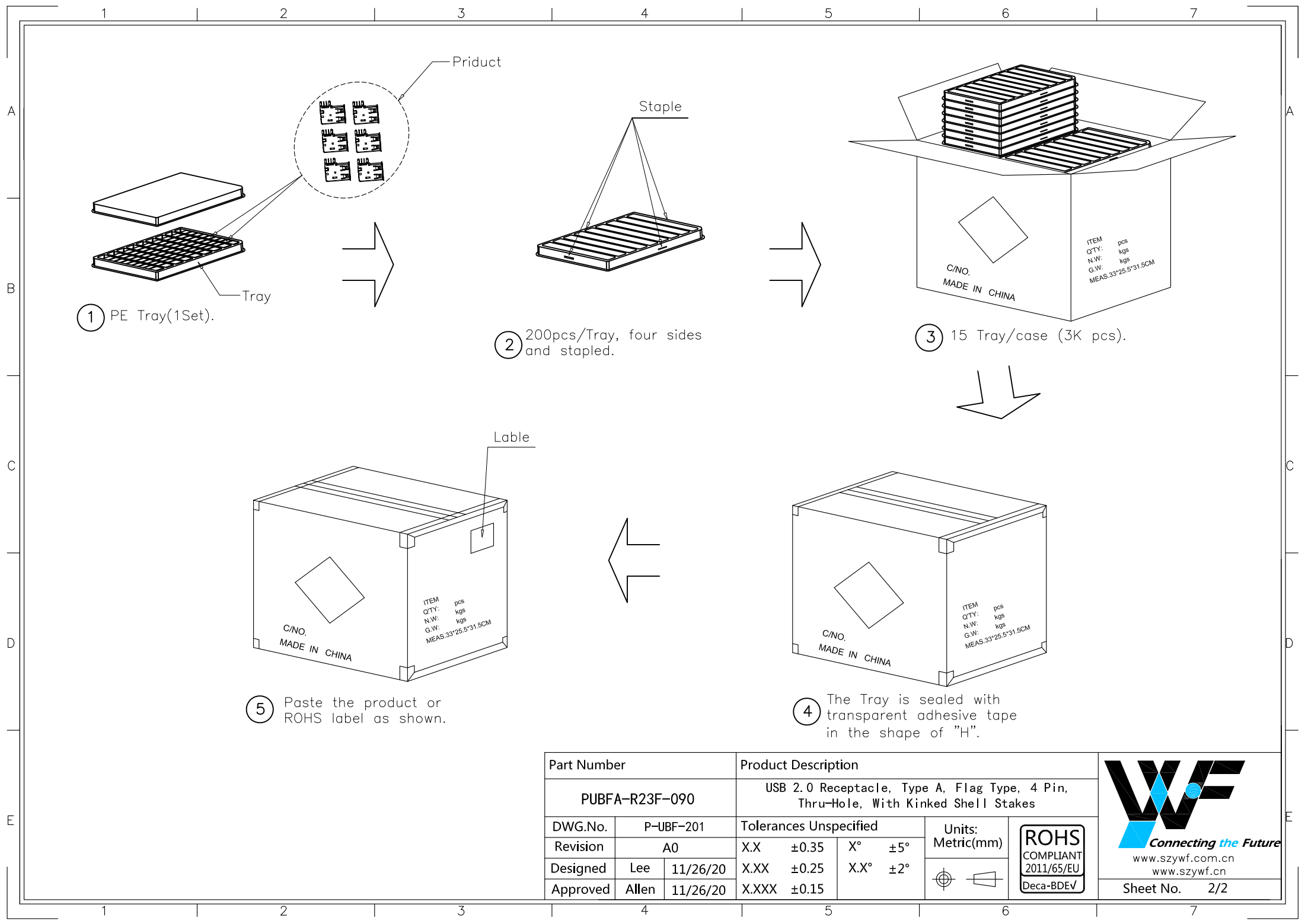


Part Number			Product Description				 WF <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn
PUBFA-R23F-090			USB 2.0 Receptacle, Type A, Flag Type, 4 Pin, Thru-Hole, With Kinked Shell Stakes				
DWG.No.	P-UBF-201		Tolerances Unspecified		Units: Metric(mm)	ROHS COMPLIANT 2011/65/EU Deca-BDEV	
Revision	A0		X.X ±0.35	X° ±5°			
Designed	Lee	11/26/20	X.XX ±0.25	X.X° ±2°			
Approved	Allen	11/26/20	X.XXX ±0.15				
							



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