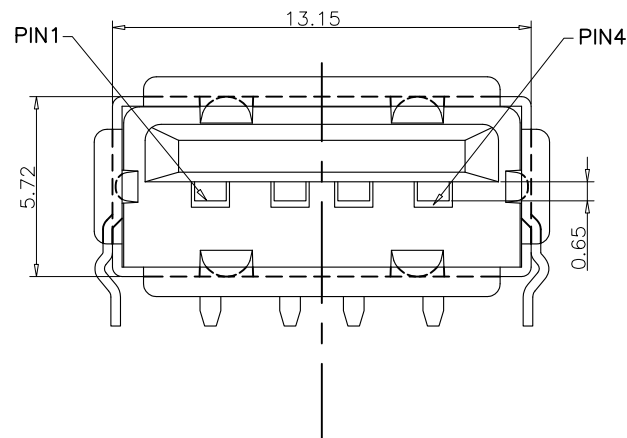
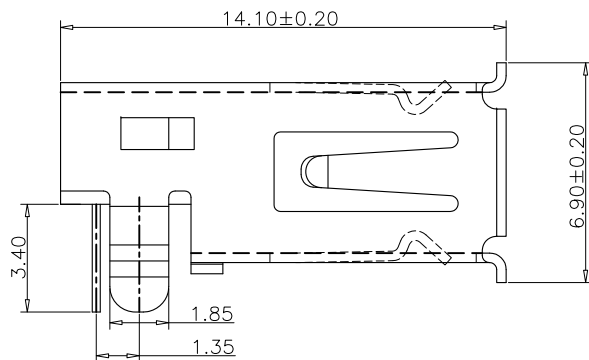




Specifications

A. Material

Plastic cement: PBT, White
Contact: Copper Alloy, T=0.23mm
Shell: SPCC, T=0.30mm

B. Plating

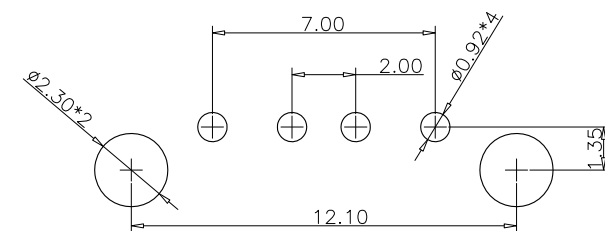
Contact Area: 0.5u" Au over 50u' min. Nickel
Solder Tails: 100u" min. Matte Tin over 50u' min. Nickel
Shell: 60u" min. Nickel

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

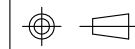


RECOMMENDED PCB LAYOUT

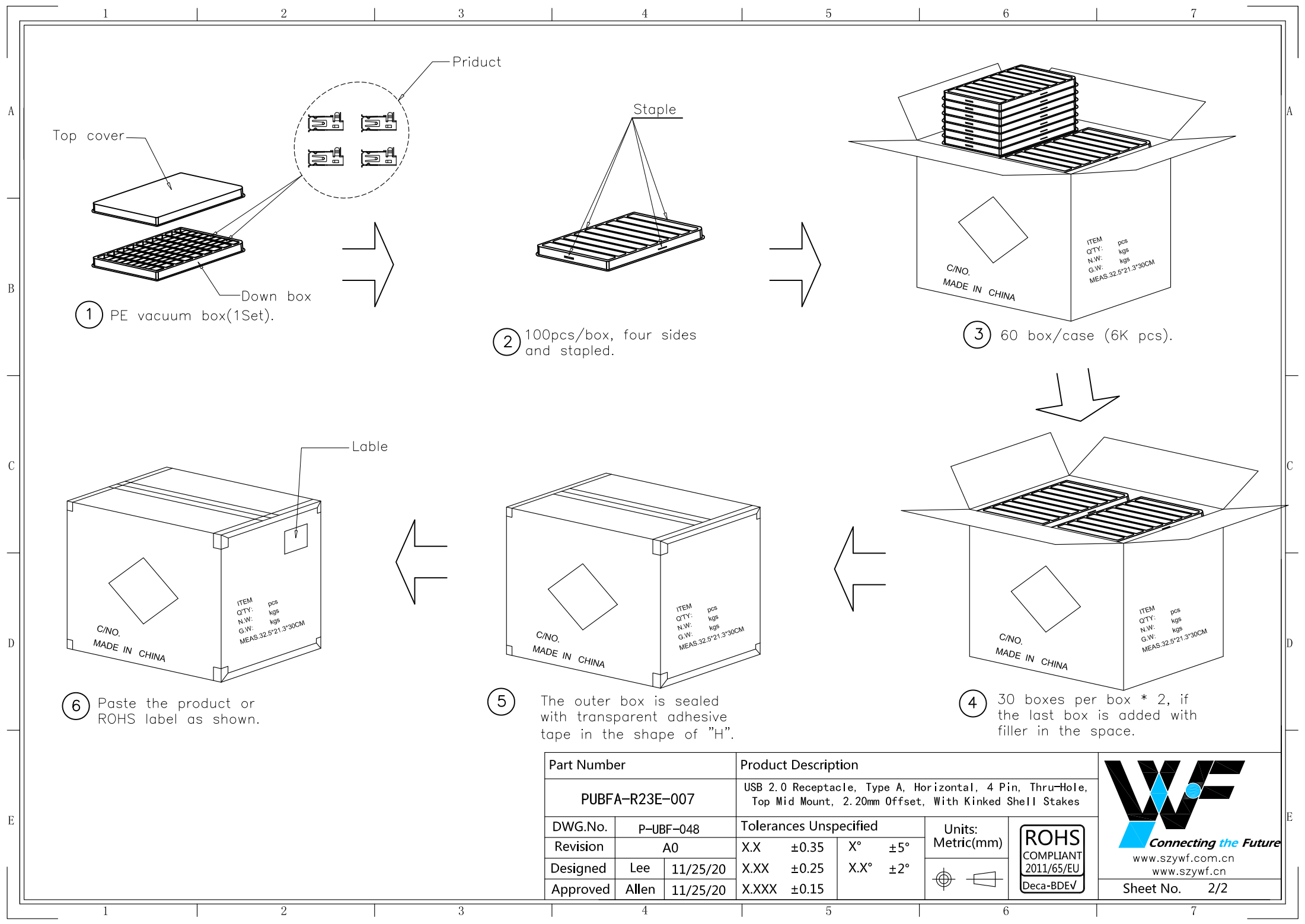
Pin Numbe	Signal Name
1	VBUS
2	D-
3	D+
4	GND

Part Number			Product Description		
PUBFA-R23E-007			USB 2.0 Receptacle, Type A, Horizontal, 4 Pin, Thru-Hole, Top Mid Mount, 2.20mm Offset, With Kinked Shell Stakes		
DWG.No.	P-UBF-048		Tolerances Unspecified		
Revision	A0		X.X	±0.35	X° ±5°
Designed	Lee	11/25/20	X.XX	±0.25	X.X° ±2°
Approved	Allen	11/25/20	X.XXX	±0.15	

Units:
Metric(mm)



Sheet No. 1/2



Part Number			Product Description				
PUBFA-R23E-007			USB 2.0 Receptacle, Type A, Horizontal, 4 Pin, Thru-Hole, Top Mid Mount, 2.20mm Offset, With Kinked Shell Stakes				
DWG.No.	P-UBF-048		Tolerances Unspecified			Units: Metric(mm)	ROHS COMPLIANT 2011/65/EU Deca-BDEV
Revision	A0		X.X	±0.35	X°		
Designed	Lee	11/25/20	X.XX	±0.25	X.X°	±2°	
Approved	Allen	11/25/20	X.XXX	±0.15			



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