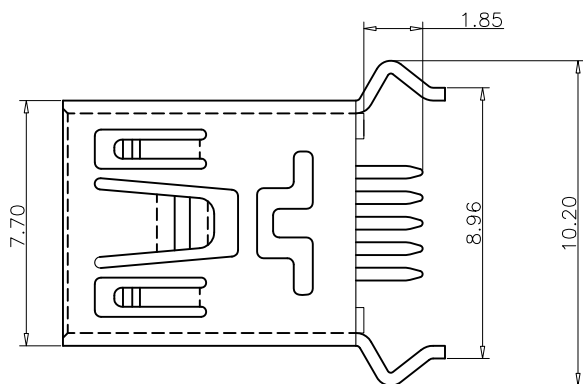
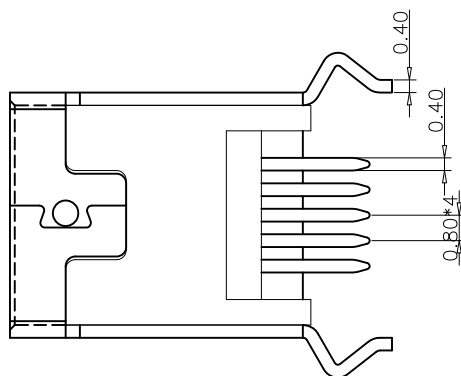
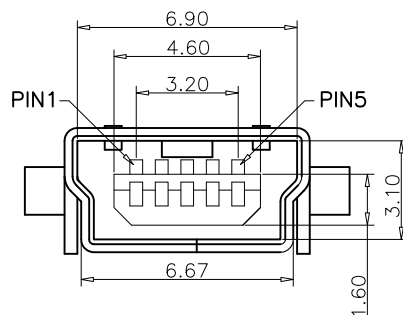
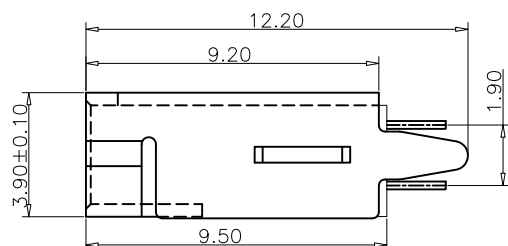


RECOMMENDED PCB LAYOUT



Specifications

A. Material

Plastic cement: LCP, Black
Contact: Copper Alloy, T=0.20mm
Shell: Copper Alloy, T=0.40mm

B. Plating

Contact Area: 1u" Au over 50u' min. Nickel
Solder Tails: 100u" min. Matte Tin over 50u' min. Nickel
Shell: 60u" min. Nickel

C. Electrical

Current Rating: 1.0A/contact terminal
Voltage Rating: 30V
Power Rating: 30W
Contact Resistance: 40mΩ max initial
50mΩ max after test
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance: 100MΩ min.

D. Mechanical & Environmental

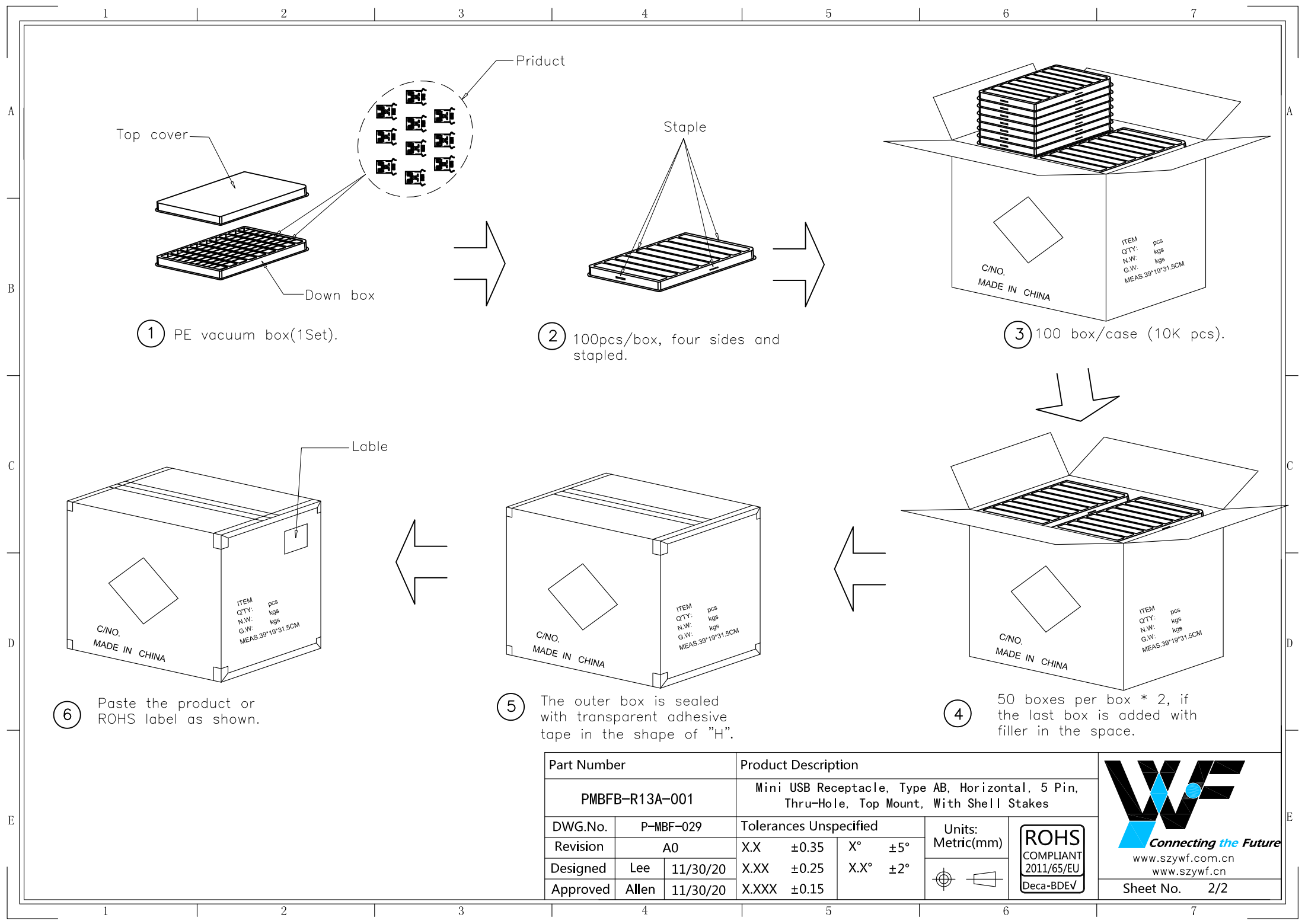
Operating Temperature: -25℃ to +85℃
Insertion force: 30.0 N Max
Withdrawal force: 7.0 N Min
Contact retention: 5.0N Min
Durability: 5000 cycles

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

Part Number			Product Description			
PMBFB-R13A-001			Mini USB Receptacle, Type AB, Horizontal, 5 Pin, Thru-Hole, Top Mount, With Shell Stakes			
DWG.No.	P-MBF-029		Tolerances Unspecified		Units: Metric(mm)	
Revision	A0		X.X	±0.35		
Designed	Lee	11/30/20	X.XX	±0.25		
Approved	Allen	11/30/20	X.XXX	±0.15		



Sheet No. 1/2



Part Number			Product Description			
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Designed	Lee	11/30/20	X.XX	±0.25		
Approved	Allen	11/30/20	X.XXX	±0.15		
			X°	±5°		
			X.X°	±2°		



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