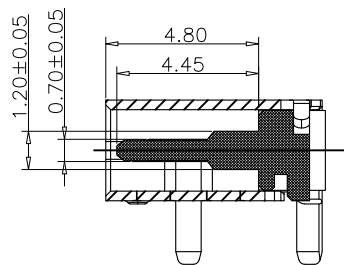
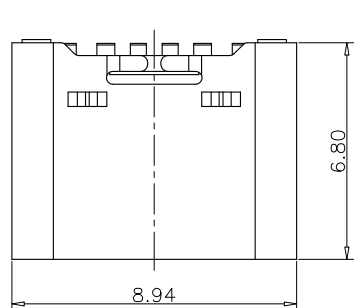


A



SECTION A-A
SCALE 1:1

Specifications

A. Material

Insulator: PA9T, UL94 V-0, Black
Contact: Copper Alloy, T=0.15mm
Mid Plate: Stainless Steel, T=0.15mm
Shell: Stainless Steel, T=0.30mm

B. Plating

Contact Area: 1u" Au over 60u' min. Nickel
Solder Tails: 1u" Au over 60u' min. Nickel
Shell: 60u" min. Nickel
Mid Plate: No Plating

C. Electrical

Current Rating: 3.00A collectively for VBus & GND pins
1.25A for A5/B5 pins
0.25A for all other pins

Voltage Rating: 20V

Power Rating: 60W

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

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance: 100MΩ min.

D. Mechanical & Environmental

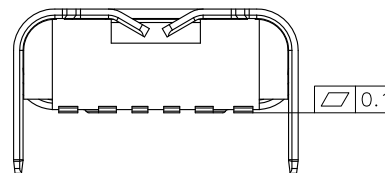
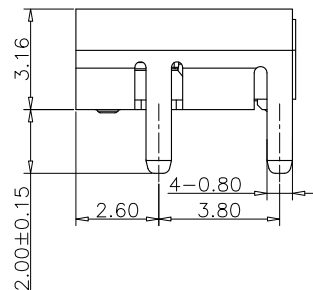
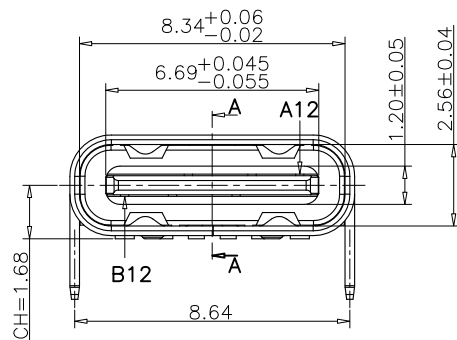
Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

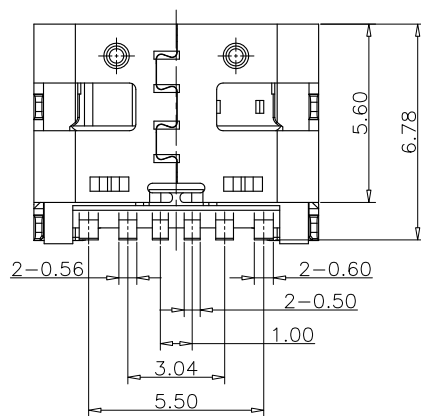
Durability: 10,000 cycles

B

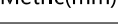


C

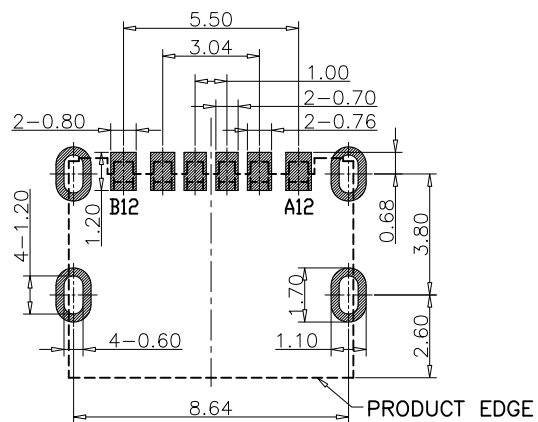
D



E

Part Number			Product Description				 <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn
PTCFW-H22D-019			USB Type C Receptacle, Horizontal, SMT, PCB Top Mount, For Power Charging Only, 6 Pin				
DWG.No.	P-TCF-087		Tolerances Unspecified		Units: Metric(mm)		
Revision	A0		X.X ±0.35	X° ±5°			
Designed	Lee	11/30/20	X.XX ±0.25	X.X° ±2°			
Approved	Allen	11/30/20	X.XXX ±0.15				
							Sheet No. 1/3

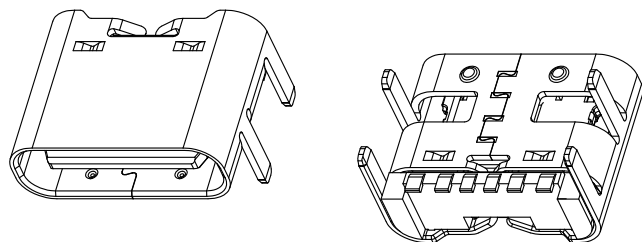




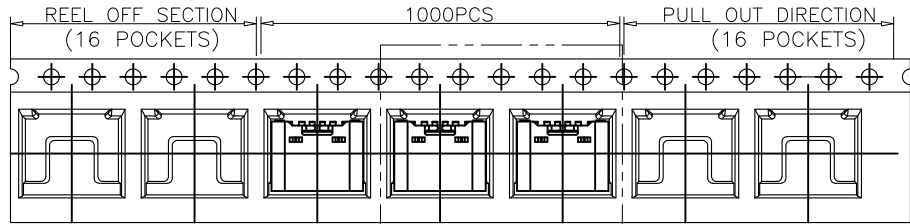
RECOMMENDED PCB LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

PIN ASSIGNMENTS

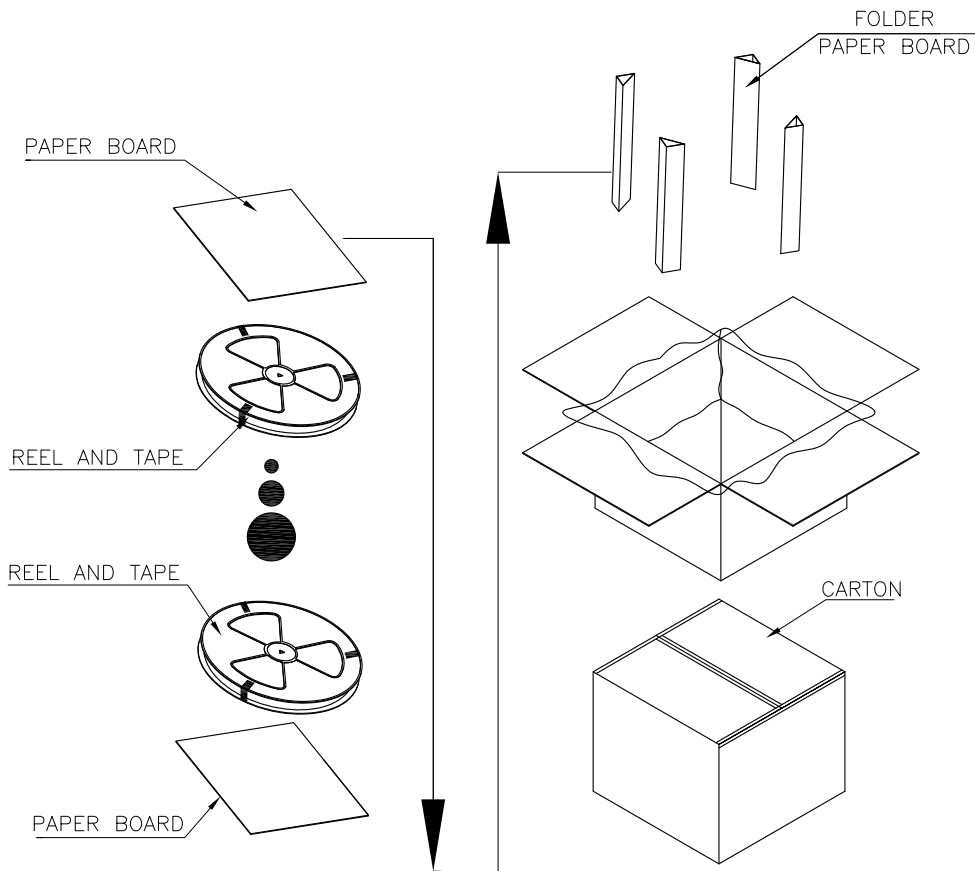
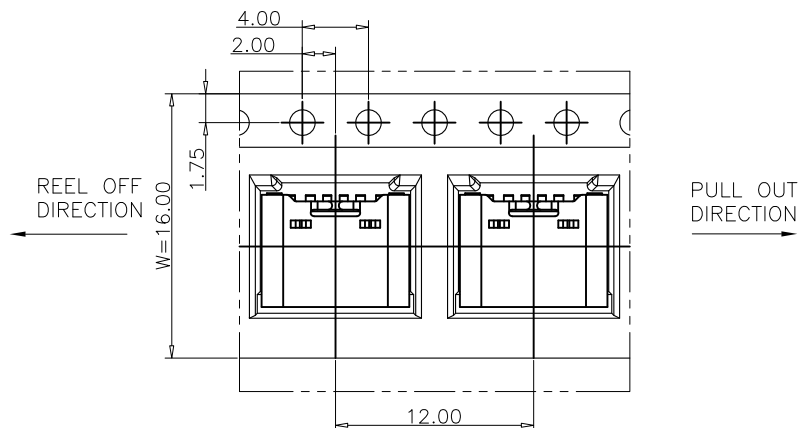
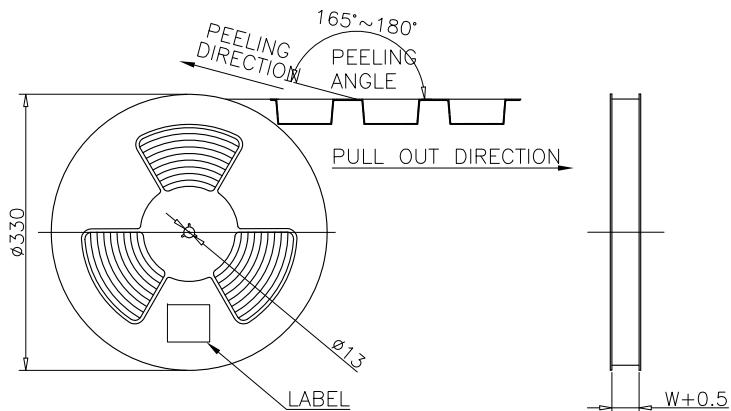
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2



Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn	
PTCFW-H22D-019			USB Type C Receptacle, Horizontal, SMT, PCB Top Mount, For Power Charging Only, 6 Pin					
DWG.No.	P-TCF-087		Tolerances Unspecified			Units: Metric(mm)		
Revision	A0		X.X	±0.35	X°	±5°		
Designed	Lee	11/30/20	X.XX	±0.25	X.X°	±2°		
Approved	Allen	11/30/20	X.XXX	±0.15				



SEE DETAIL X



	REEL	CARTON
QUANTITY(PCS)	1000	140000

Part Number			Product Description		
PTCFW-H22D-019			USB Type C Receptacle, Horizontal, SMT, PCB Top Mount, For Power Charging Only, 6 Pin		
DWG.No.	P-TCF-087		Tolerances Unspecified		Units: Metric(mm)
Revision	A0		X.X ±0.35	X° ±5°	
Designed	Lee	11/30/20	X.XX ±0.25	X.X° ±2°	
Approved	Allen	11/30/20	X.XXX ±0.15		

WF
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Sheet No. 3/3