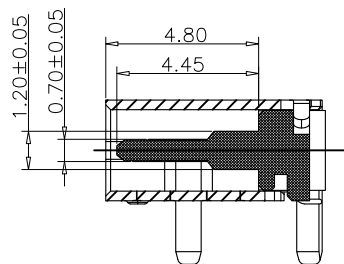
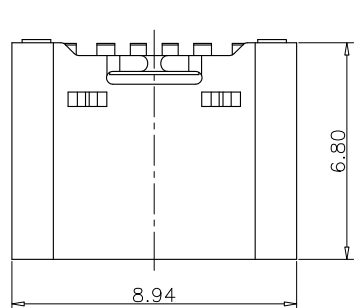


A



SECTION A-A
SCALE 1:1

Specifications

A. Material

Insulator: LCP, 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

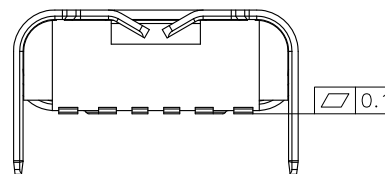
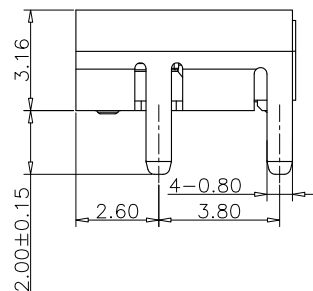
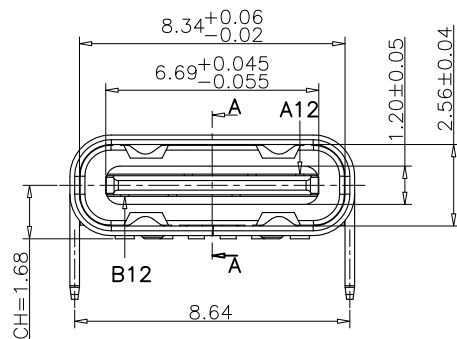
Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

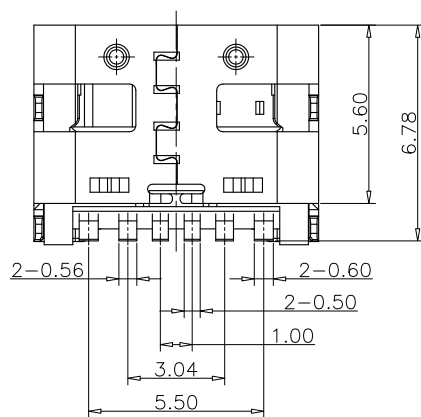
Durability: 10,000 cycles

B

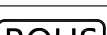
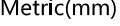


C

D



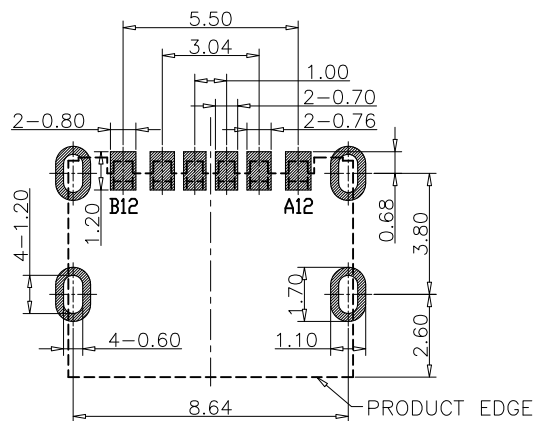
E

Part Number			Product Description				 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				
							Sheet No. 1/3



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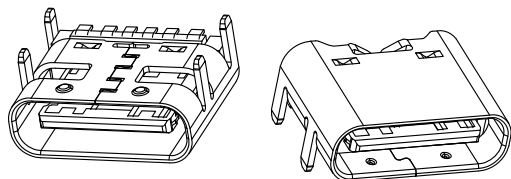
Sheet No. 1/3

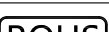


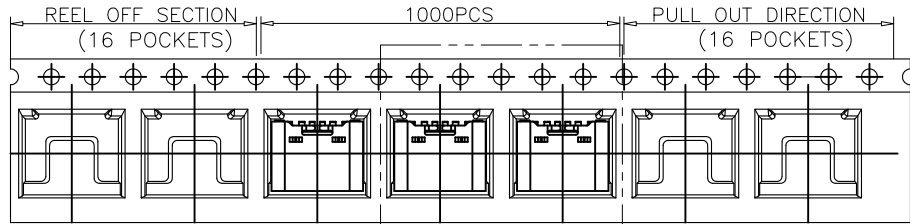
RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

PIN ASSIGNMENTS

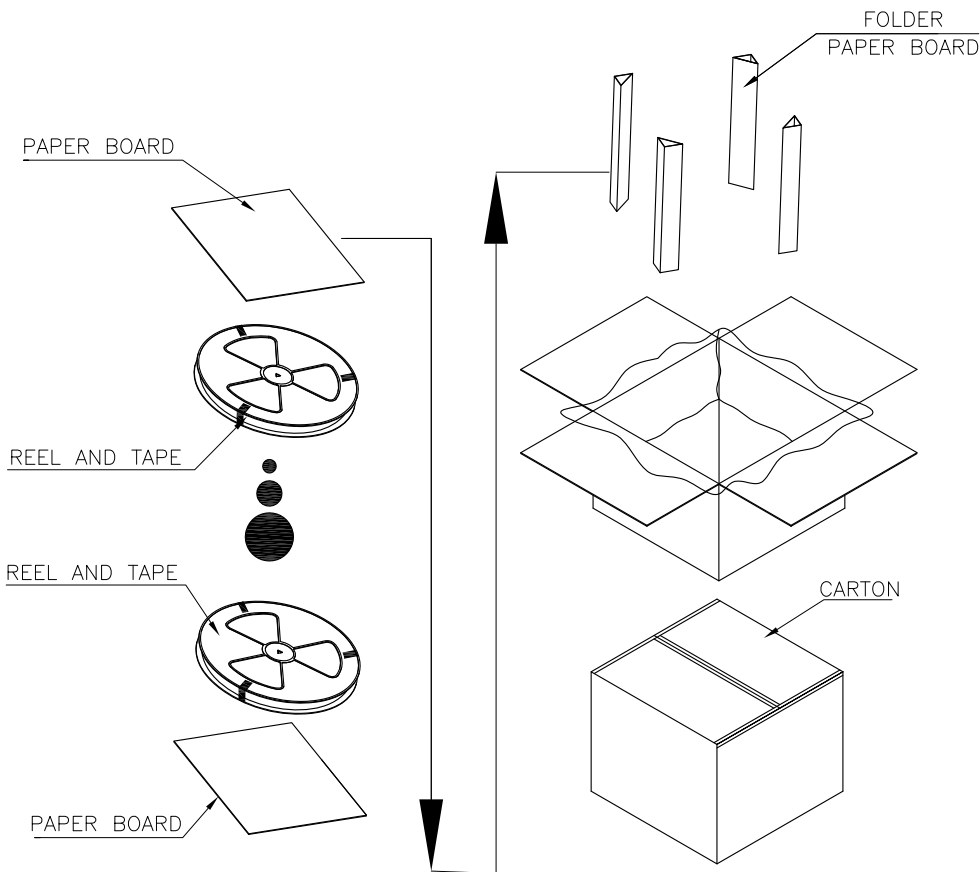
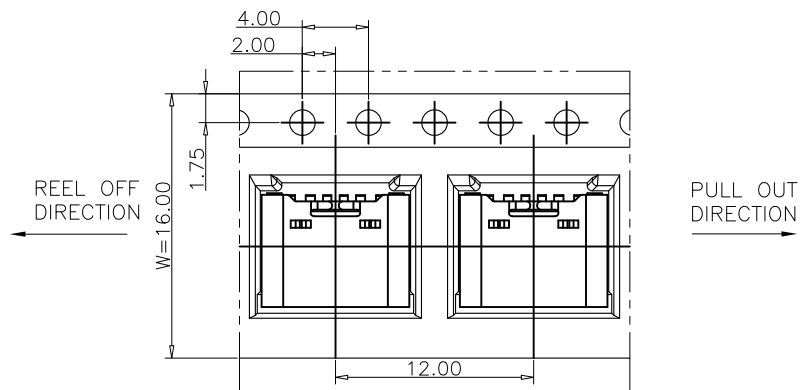
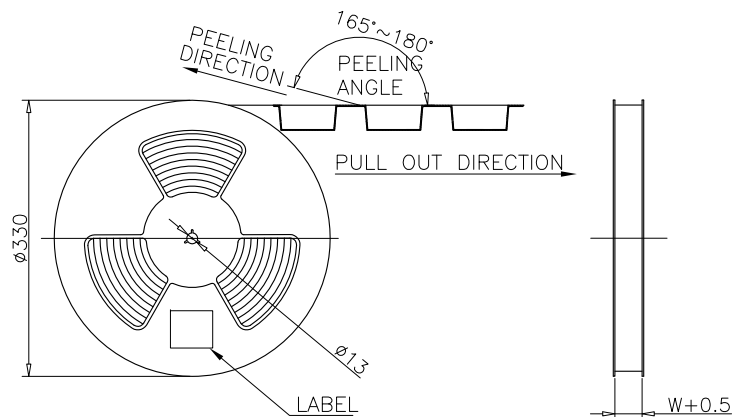
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2



Part Number			Product Description				
PTCFW-H22D-020			USB Type C Receptacle, Horizontal, SMT, PCB Top Mount, For Power Charging Only, 6 Pin				
DWG.No.	P-TCF-108		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			
							



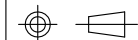
SEE DETAIL X



	REEL	CARTON
QUANTITY(PCS)	1000	14000

Part Number			Product Description		
PTCFW-H22D-020			USB Type C Receptacle, Horizontal, SMT, PCB Top Mount, For Power Charging Only, 6 Pin		
DWG.No.	P-TCF-108		Tolerances Unspecified		
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	

Units:
Metric(mm)



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Sheet No. 3/3