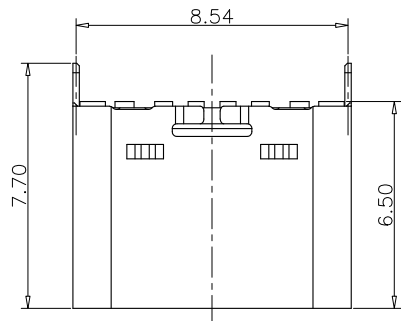
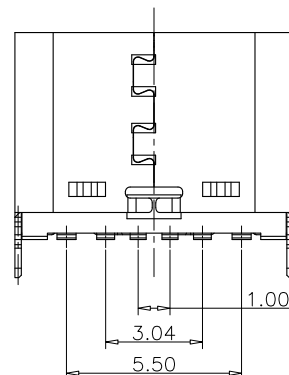
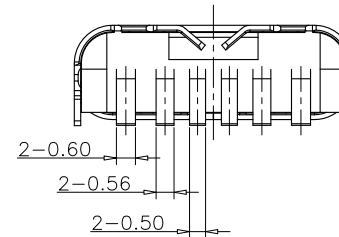
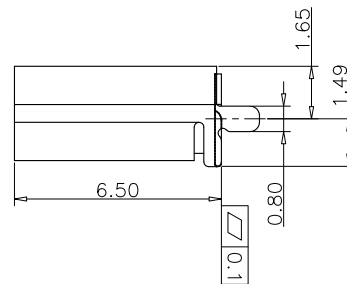
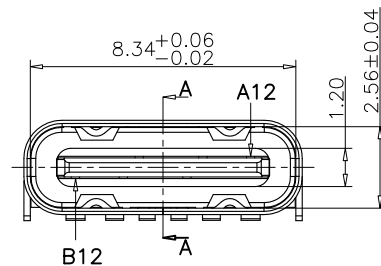


SECTION A-A
SCALE 1:1



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=0.20mm

B. Plating

Contact Area: 1u" Au over 60u' min. Nickel

Solder Tails: 80u" min. Matte Tin over 60u" min. Nickel

Shell: 30u" 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

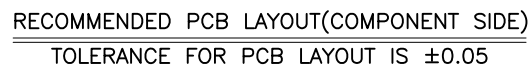
Part Number			Product Description			
PTCFW-R12D-010			USB Type C Receptacle, Vertical, SMT, H=6.5mm, For Power Charging Only, 6 Pin			
DWG.No.	P-TCF-027		Tolerances Unspecified		Units:	
Revision	A0		X.X ±0.35	X° ±5°	Metric(mm)	
Designed	Lee	11/25/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	11/25/20	X.XXX ±0.15			



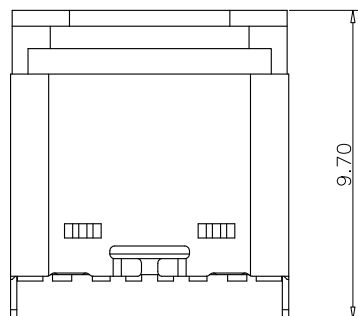
www.szywf.com.cn

www.szywf.cn

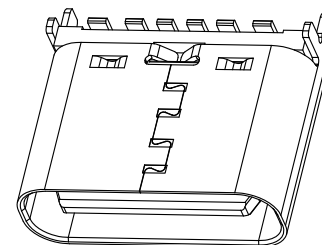
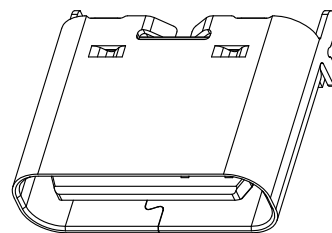
Sheet No. 1/3



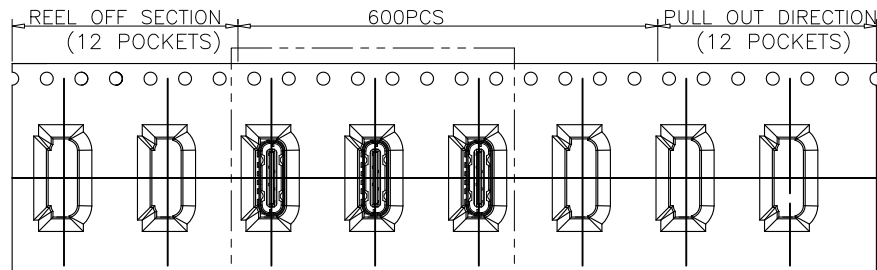
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2



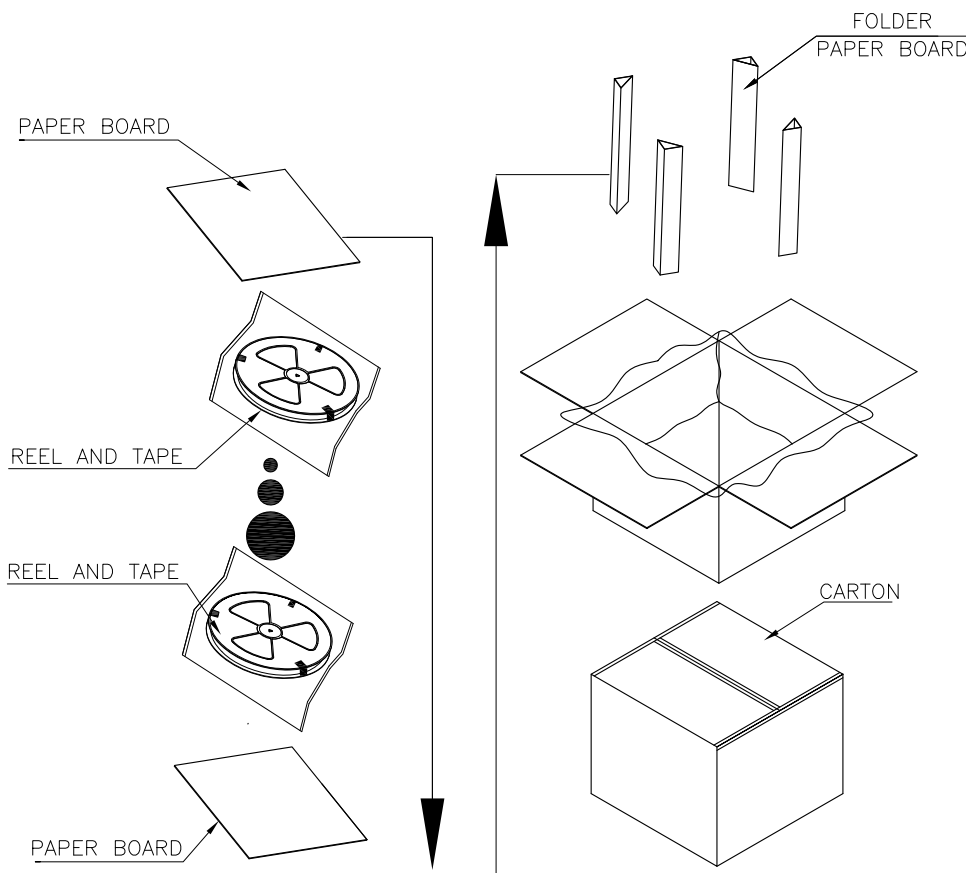
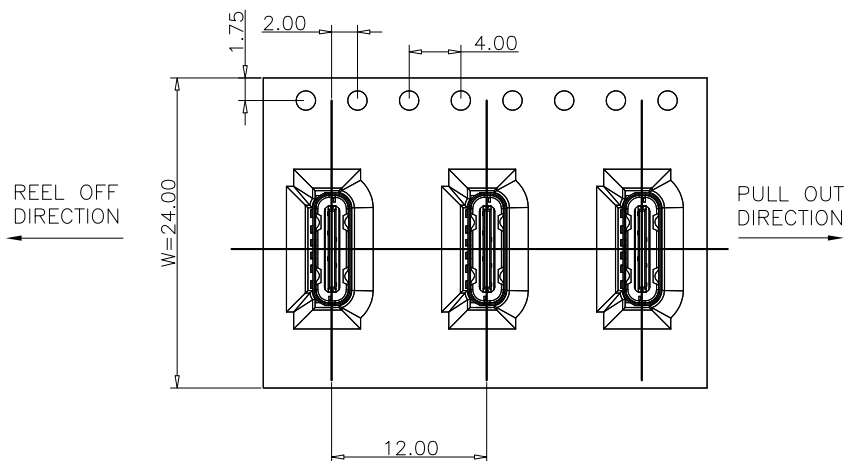
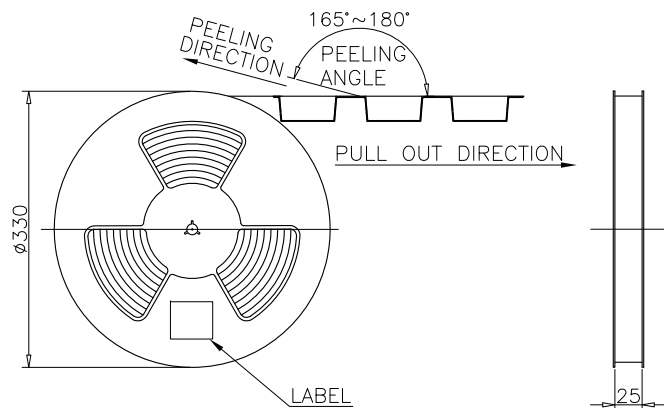
WITH PICK UP COVER
SCALE 1:1



Part Number			Product Description			 WZ <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn
PTCFW-R12D-010			USB Type C Receptacle, Vertical, SMT, H=6.5mm, For Power Charging Only, 6 Pin			
DWG.No.	P-TCF-027		Tolerances Unspecified		Units: Metric(mm)	
Revision	A0		X.X ±0.35	X° ±5°	 ROHS COMPLIANT 2011/65/EU Deca-BDEv	
Designed	Lee	11/25/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	11/25/20	X.XXX ±0.15			
						Sheet No. 2/3



SEE DETAIL X



	REEL	CARTON
QUANTITY (PCS)	600	6000

Part Number			Product Description			
PTCFW-R12D-010			USB Type C Receptacle, Vertical, SMT, H=6.5mm, For Power Charging Only, 6 Pin			
DWG.No.	P-TCF-027		Tolerances Unspecified		Units: Metric(mm)	
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			

WF
Connecting the Future

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Sheet No. 3/3