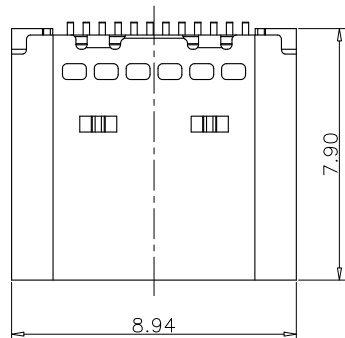
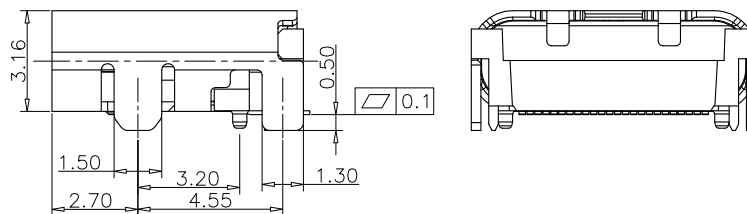
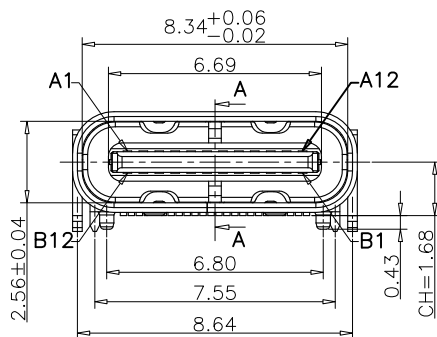


SECTION A-A
SCALE 1:1



Specifications

A. Material

Insulator: LCP, UL94 V-0, Black
Contact: Copper Alloy, T=0.12mm
Mid Plate: Stainless Steel, T=0.15mm
Shell: Stainless Steel, T=0.30mm
EMI: Stainless Steel, T=0.10mm

B. Plating

Contact Area: 3u" Au over 60u' min. Nickel
Solder Tails: Gold Flash Au over 60u" min. Nickel
Shell: 30u" min. Nickel
EMI: 50u" min. Nickel
Mid Plate: 40u" min. Matte Tin over 30u" min. Nickel

C. Electrical

Current Rating: 5.00A collectively for VBus & GND pins
1.25A for A5/B5 pins
0.25A for all other pins

Voltage Rating: 48V

Power Rating: 240W

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

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance: 100MΩ min.

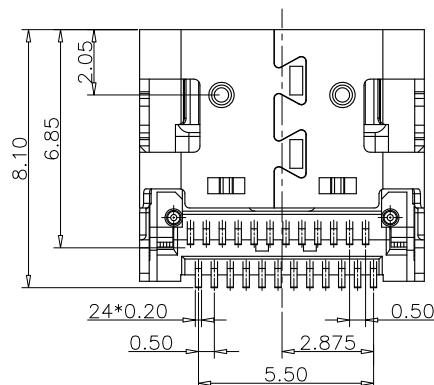
D. Mechanical & Environmental

Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 10,000 cycles



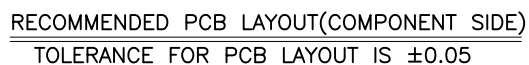
Part Number			Product Description		
PTCFW-H22F-007			USB 3.2 Gen 2 Type C Receptacle, Horizontal, Dual Row SMT, PCB Top Mount, 24 Pin		
DWG.No.	P-TCF-032		Tolerances Unspecified		Units: Metric(mm)
Revision	A0		X.X ±0.35	X° ±5°	
Designed	Lee	11/30/20	X.XX ±0.25	X.X° ±2°	
Approved	Allen	11/30/20	X.XXX ±0.15		



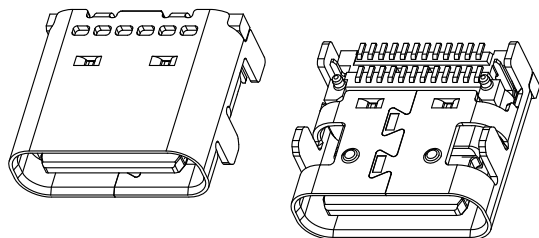
www.szywf.com.cn

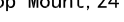
www.szywf.cn

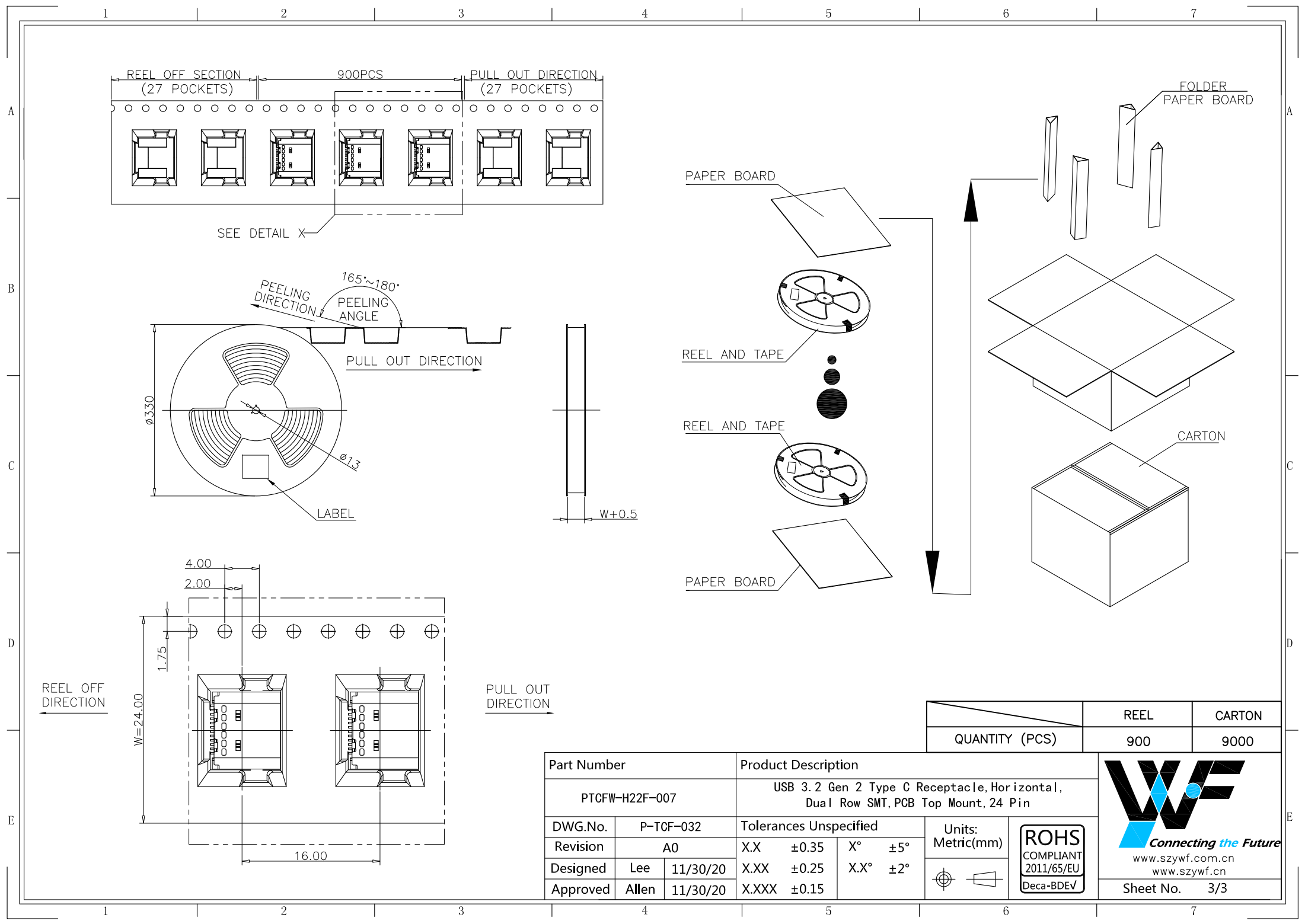
Sheet No. 1/3



PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1–	B10	RX1–
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2–	B3	TX2–
A11	RX2+	B2	TX2+
A12	GND	B1	GND



Part Number			Product Description				 WYF <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn
PTCFW-H22F-007			USB 3.2 Gen 2 Type C Receptacle, Horizontal, Dual Row SMT, PCB Top Mount, 24 Pin				
DWG.No.	P-TCF-032		Tolerances Unspecified		Units: Metric(mm)	ROHS COMPLIANT 2011/65/EU Deca-BDEv	
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. 2/3



	REEL	CARTON
QUANTITY (PCS)	900	9000

Part Number			Product Description		
PTCFW-H22F-007			USB 3.2 Gen 2 Type C Receptacle, Horizontal, Dual Row SMT, PCB Top Mount, 24 Pin		
DWG.No.	P-TCF-032		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		

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Sheet No. 3/3