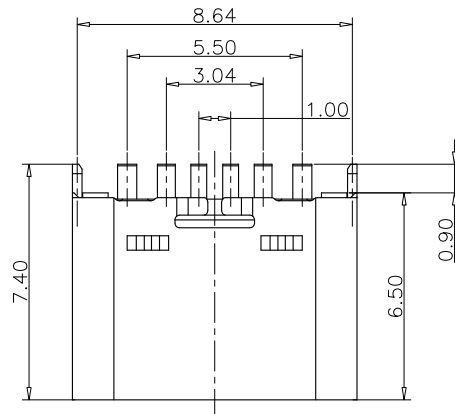


Specifications

A. Material

Insulator: LCP UL94 V-0, Black
Contact: Copper Alloy, T=0.20mm
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: 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.

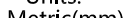
D. Mechanical & Environmental

Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

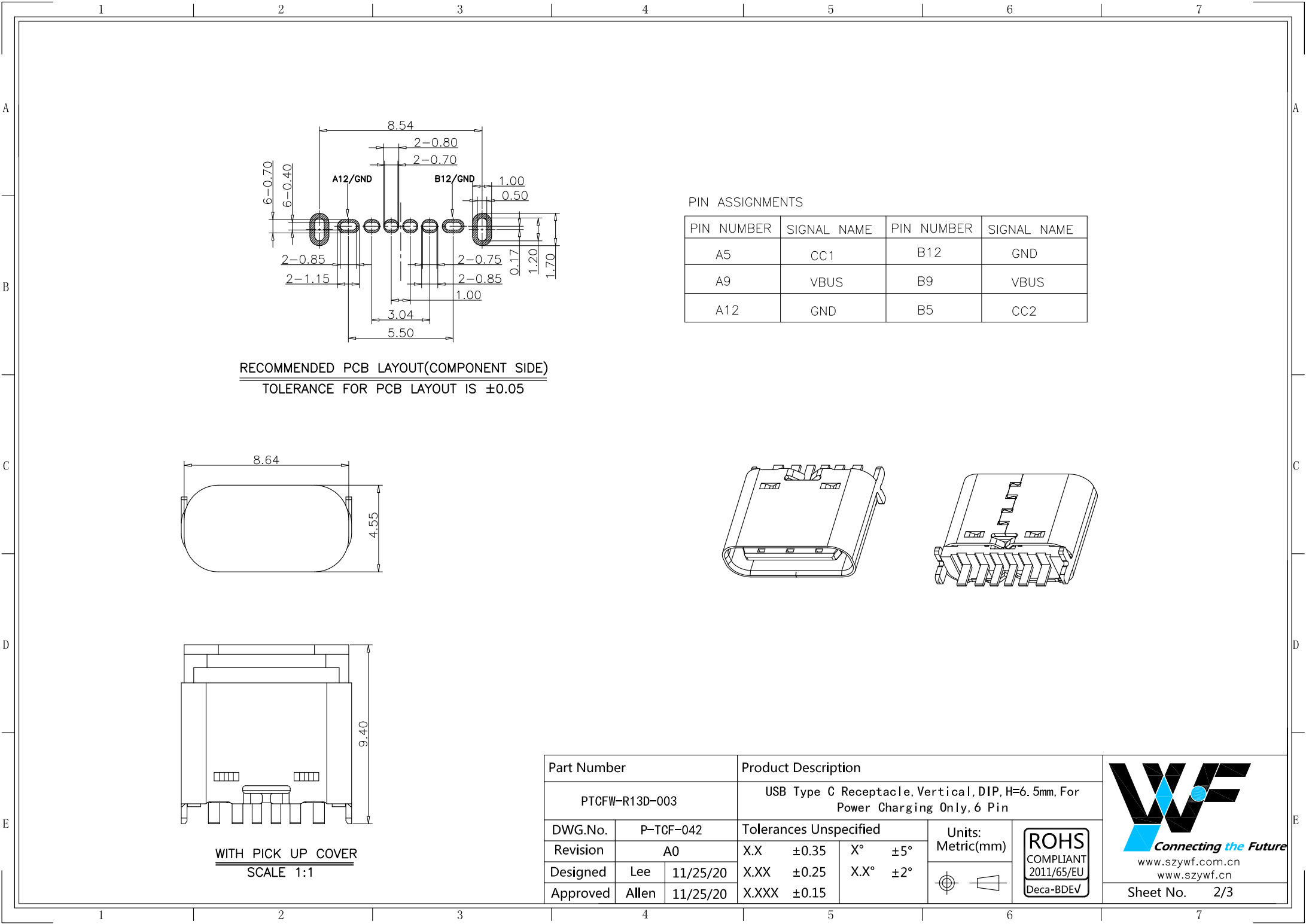
Durability: 10,000 cycles

Part Number			Product Description			 <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn
PTCFW-R13D-003			USB Type C Receptacle, Vertical, DIP, H=6.5mm, For Power Charging Only, 6 Pin			
DWG.No.	P-TCF-042		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			



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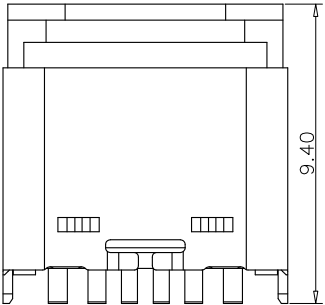
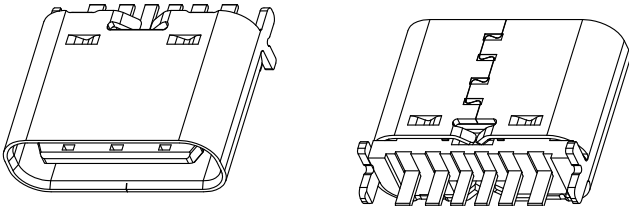
Sheet No. 1/3



PIN ASSIGNMENTS

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

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



WITH PICK UP COVER
SCALE 1:1

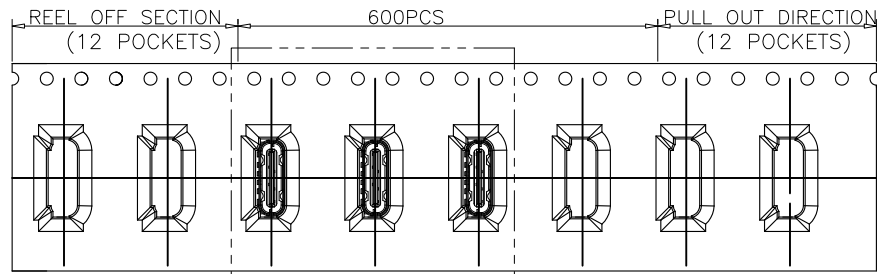
Part Number			Product Description			
PTCFW-R13D-003			USB Type C Receptacle, Vertical, DIP, H=6.5mm, For Power Charging Only, 6 Pin			
DWG.No.	P-TCF-042		Tolerances Unspecified		Units:	
Revision	A0		X.X	± 0.35	X°	$\pm 5^\circ$
Designed	Lee	11/25/20	X.XX	± 0.25	X.X°	$\pm 2^\circ$
Approved	Allen	11/25/20	X.XXX	± 0.15		



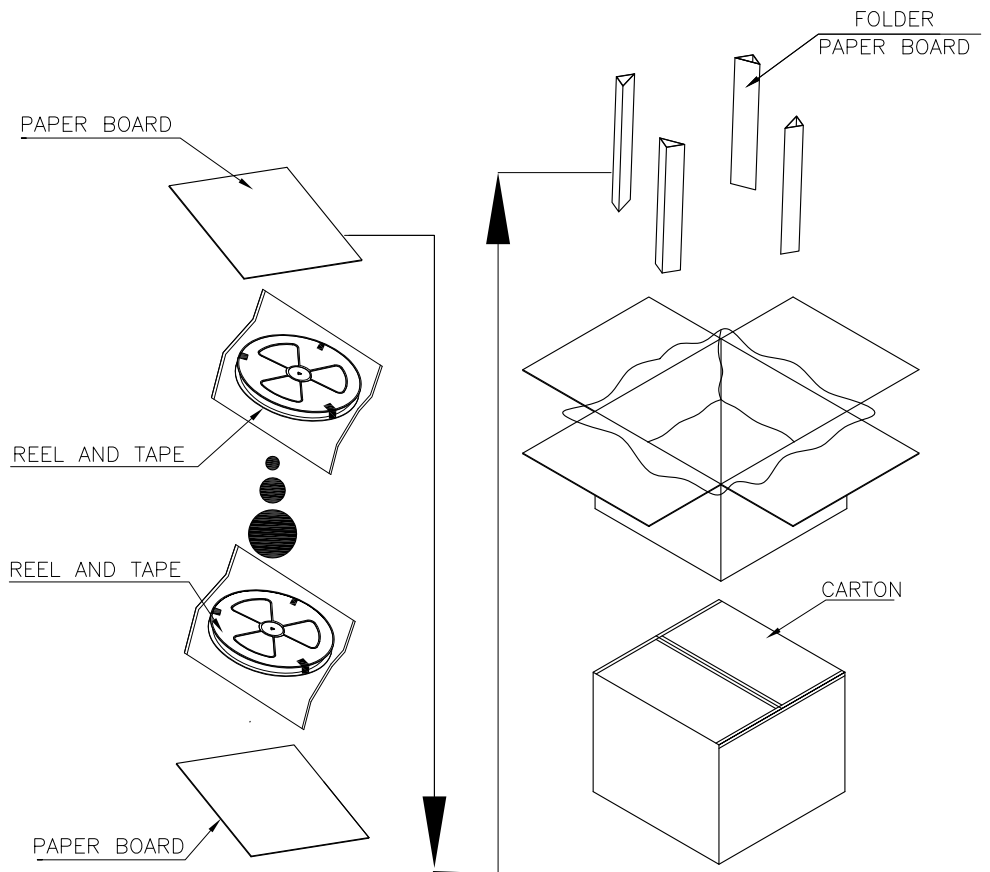
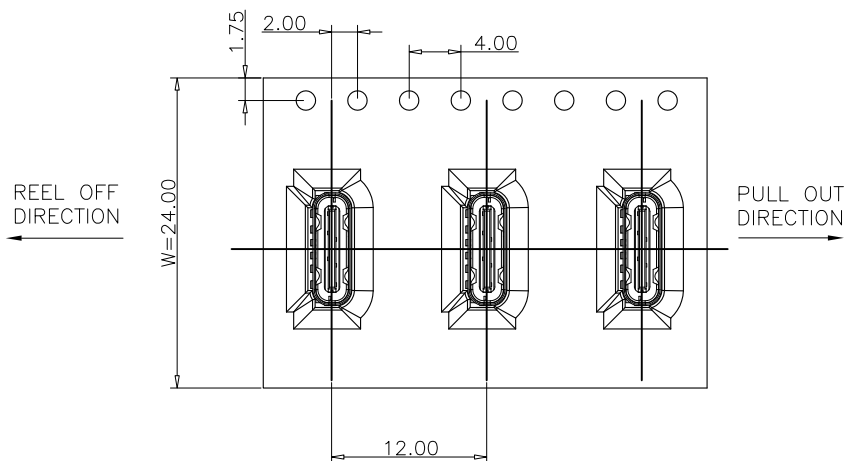
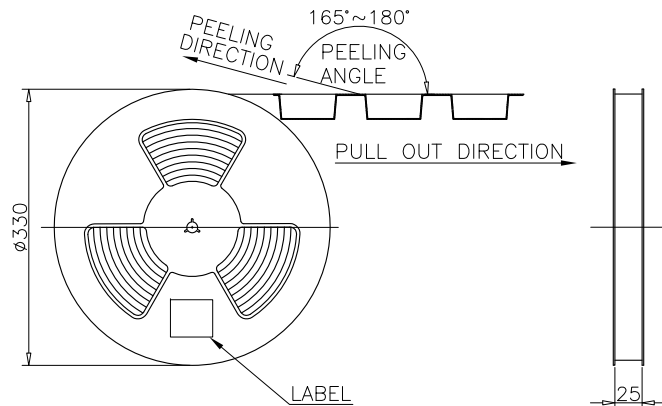
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Sheet No. 2/3



SEE DETAIL X



	REEL	CARTON
QUANTITY (PCS)	600	6000

Part Number			Product Description		
PTCFW-R13D-003			USB Type C Receptacle, Vertical, DIP, H=6.5mm, For Power Charging Only, 6 Pin		
DWG.No.	P-TCF-042		Tolerances Unspecified		Units: Metric(mm)
Revision	A0		X.X	±0.35	
Designed	Lee	11/25/20	X.XX	±0.25	
Approved	Allen	11/25/20	X.XXX	±0.15	
					 ROHS COMPLIANT 2011/65/EU Deca-BDEV
					 Connecting the Future www.szywf.com.cn www.szywf.cn Sheet No. 3/3