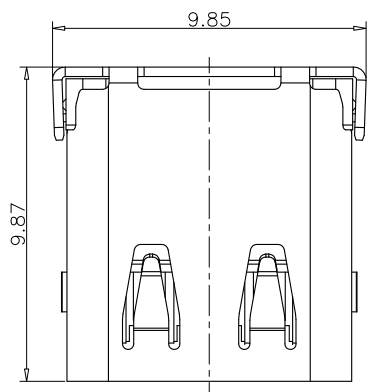
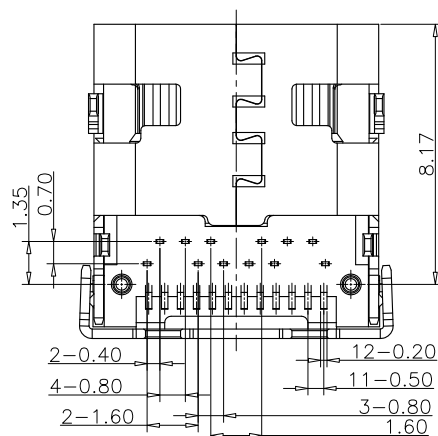
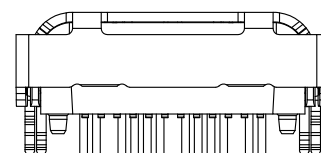
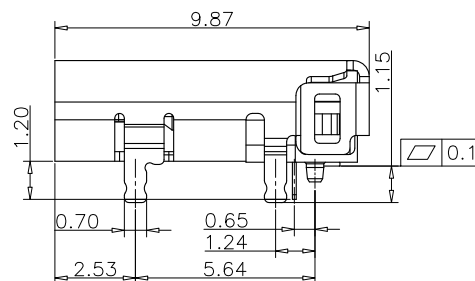
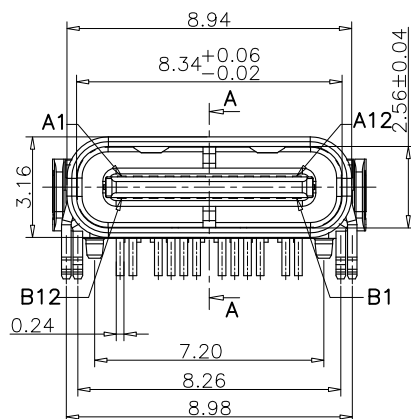


SECTION A-A
SCALE 1:1



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

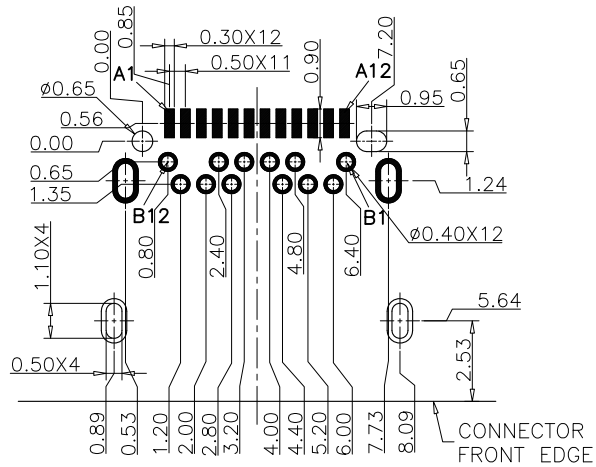
Current Rating: 5.00A collectively for VBus & GND pins
1.25A for A5/B5 pins
0.25A for all other pins
Voltage Rating: 48V
Power Rating: 240W
Contact Resistance: 40mΩ max initial
50mΩ max after test
Dielectric Withstanding Voltage: 100V AC
Insulation Resistance: 100MΩ min.

D. Mechanical & Environmental

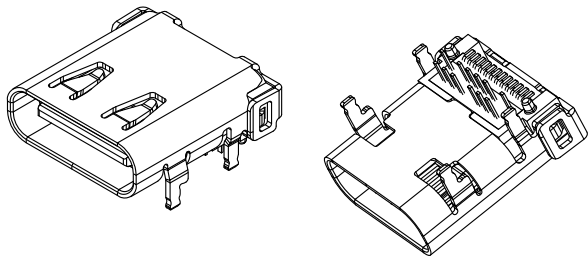
Operating Temperature: -25°C to +85°C
Mating Force: 5 to 20 N.
Unmated Force: 6 to 20 N after test
Durability: 10,000 cycles

Part Number			Product Description		
PTCFW-H27C-017			USB4 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount, 24Pin		
DWG.No.	P-TCF-040		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		





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



PIN ASSIGNMENTS

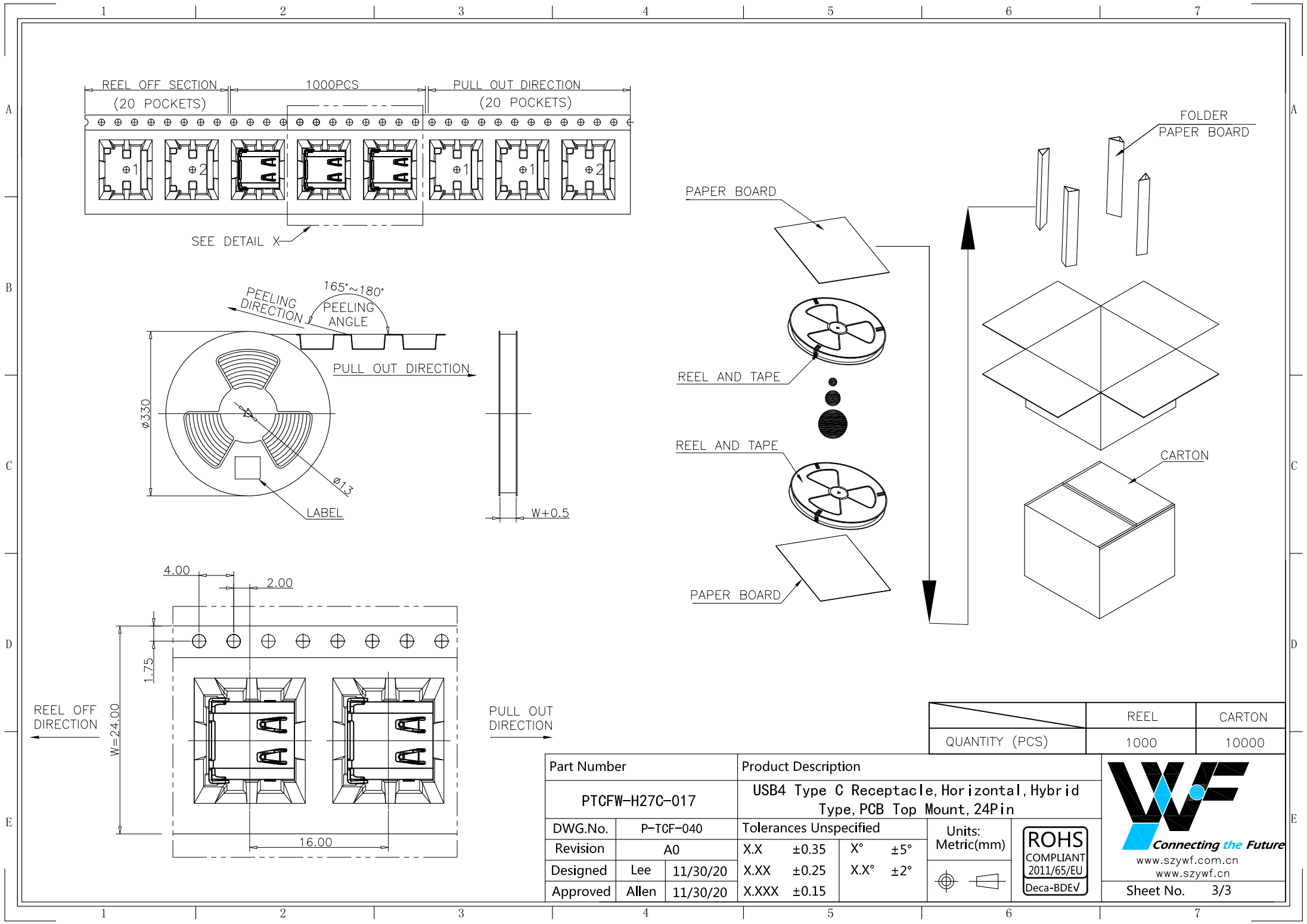
PIN	NUMBER	SIGNAL NAME	PIN	NUMBER	SIGNAL NAME
A1		GND	B12		GND
A2		TX1+	B11		RX1+
A3		TX1-	B10		RX1-
A4		VBUS	B9		VBUS
A5		CC1	B8		SBU2
A6		DP1	B7		DN2
A7		DN1	B6		DP2
A8		SBU1	B5		CC2
A9		VBUS	B4		VBUS
A10		RX2-	B3		TX2-
A11		RX2+	B2		TX2+
A12		GND	B1		GND

Part Number			Product Description			
PTCFW-H27C-017			USB4 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount, 24Pin			
DWG.No.	P-TCF-040		Tolerances Unspecified		Units: Metric(mm)	
Revision	A0		X.X	± 0.35		
Designed	Lee	11/30/20	X.XX	± 0.25		
Approved	Allen	11/30/20	X.XXX	± 0.15		

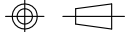


www.szywf.com.cn
www.szywf.cn

Sheet No. 2/3



	REEL	CARTON
QUANTITY (PCS)	1000	10000

Part Number			Product Description		
PTCFW-H27C-017			USB4 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount, 24Pin		
DWG.No.	P-TCF-040		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. 3/3