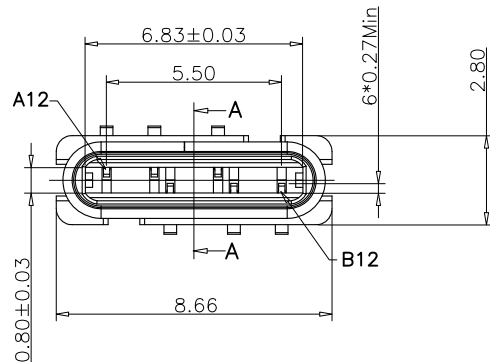
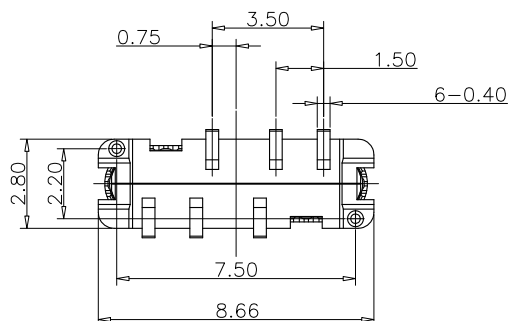
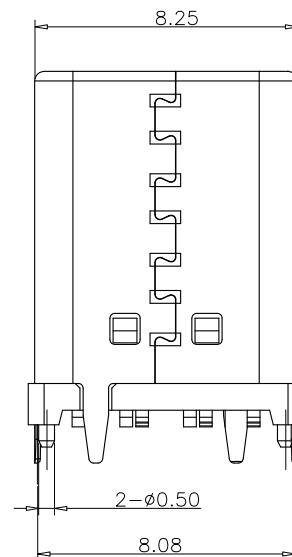
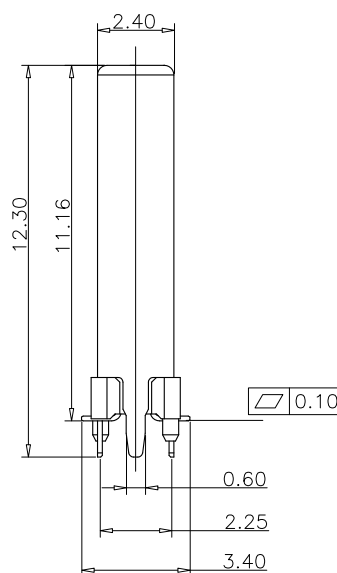
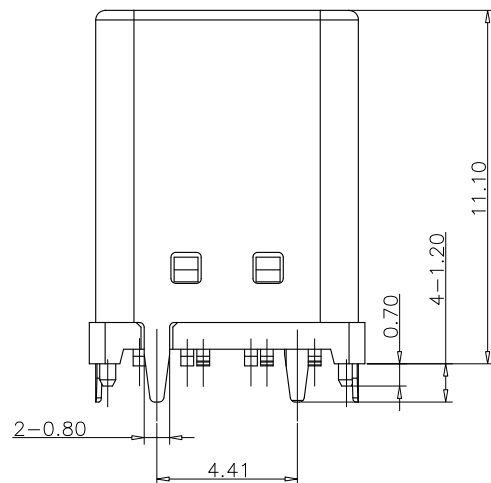


SECTION-A-A
SCALE 1:1



Specifications

A. Material

Insulator: LCP, UL94 V-0, Black
Contact: Copper Alloy, T=0.15mm
Shell: Stainless Steel, T=0.15mm

B. Plating

Contact Area: 3u" Au over 50u' min. Nickel
Solder Tails: 80u" min. Matte Tin over 50u" min. Nickel
Shell: 30u" min. Nickel

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.

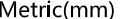
D. Mechanical & Environmental

Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 10,000 cycles

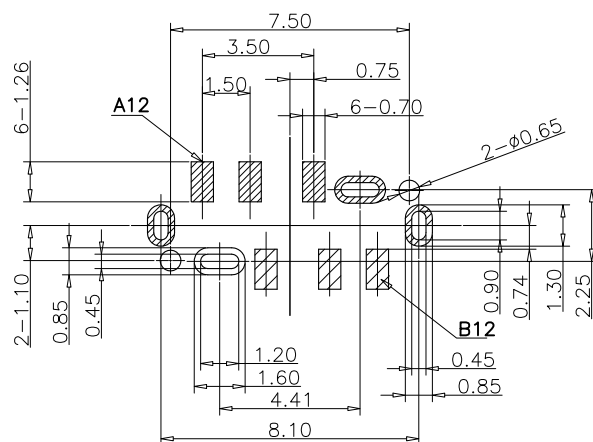
Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn
PTCMW-H12B-007			USB Type C Plug, Vertical, SMT, For Power Charging Only, 6 Pin				
DWG.No.	P-TCM-004		Tolerances Unspecified		Units: Metric(mm)		
Revision	A0		X.X ±0.35	X° ±5°			
Designed	Lee	11/25/20	X.XX ±0.25	X.X° ±2°			
Approved	Allen	11/25/20	X.XXX ±0.15				
							



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Sheet No. 1/3

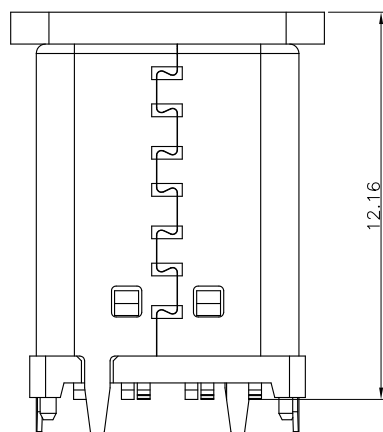
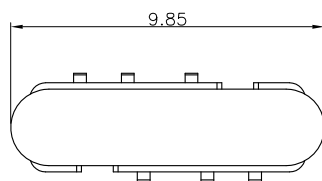


RECOMMENDED PCB LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

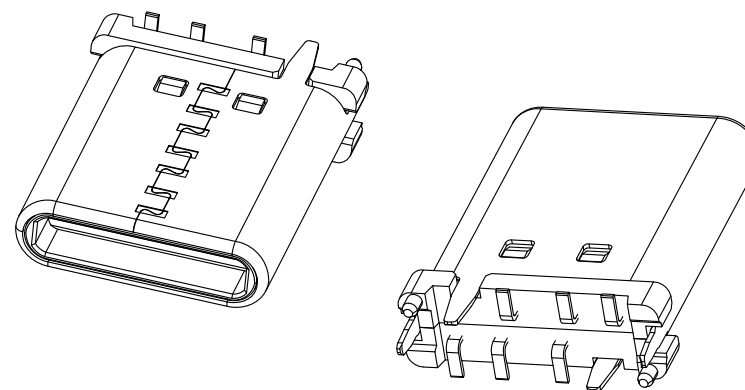
USB TYPE C PIN ASSIGNMENTS

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

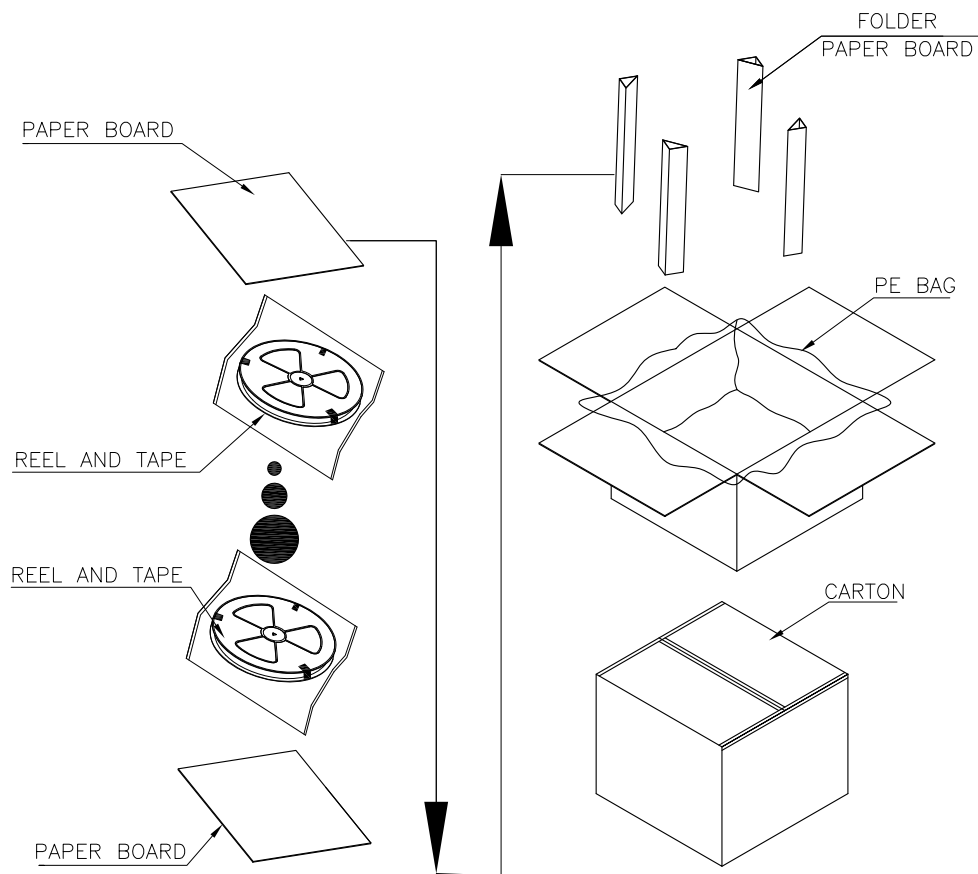
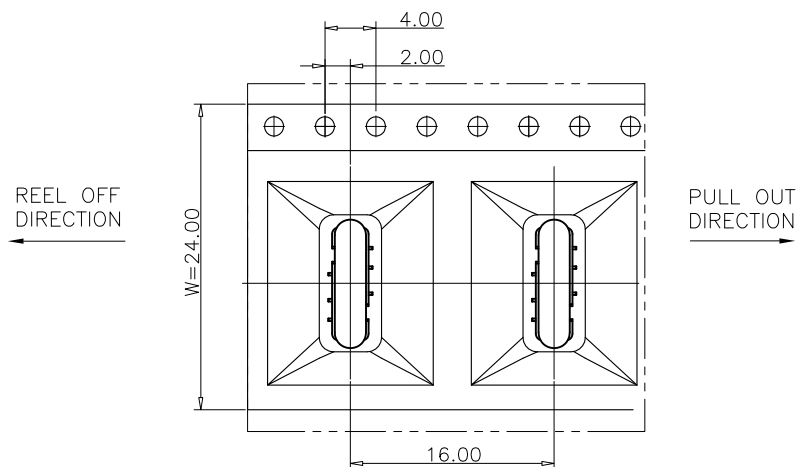
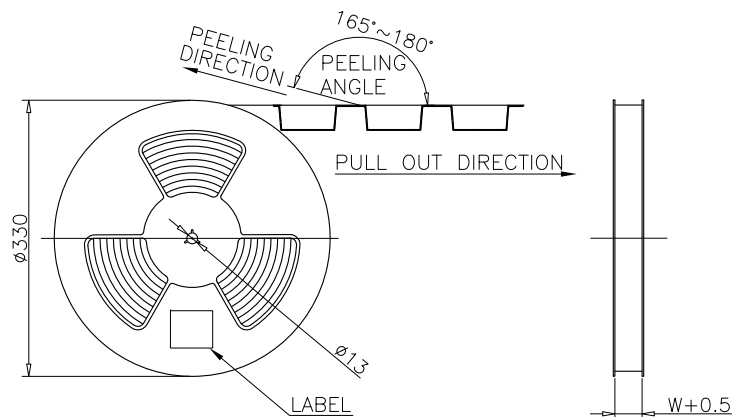
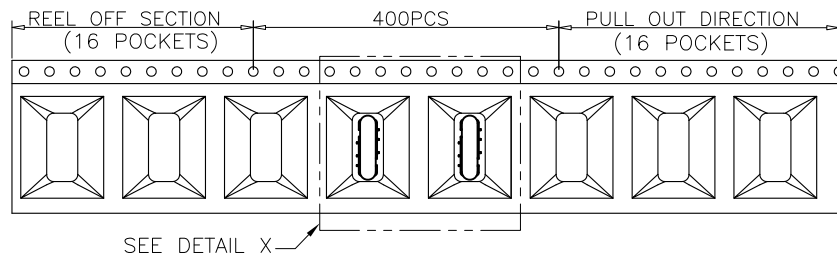


Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn
PTCMW-H12B-007			USB Type C Plug, Vertical, SMT, For Power Charging Only, 6 Pin				
DWG.No.	P-TCM-004		Tolerances Unspecified			Units: Metric(mm)	
Revision	A0		X.X	±0.35	X°	±5°	
Designed	Lee	11/25/20	X.XX	±0.25	X.X°	±2°	
Approved	Allen	11/25/20	X.XXX	±0.15			
							Sheet No. 2/3



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Sheet No. 2/3



Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn	
PTCMW-H12B-007			USB Type C Plug, Vertical, SMT, For Power Charging Only, 6 Pin					
DWG.No.	P-TCM-004		Tolerances Unspecified			Units: Metric(mm)		
Revision	A0		X.X	±0.35	X°			
Designed	Lee	11/25/20	X.XX	±0.25	X.X°	±2°		
Approved	Allen	11/25/20	X.XXX	±0.15				
							Sheet No. 3/3	

	REEL	CARTON
CONNECTOR (PCS)	400	4000