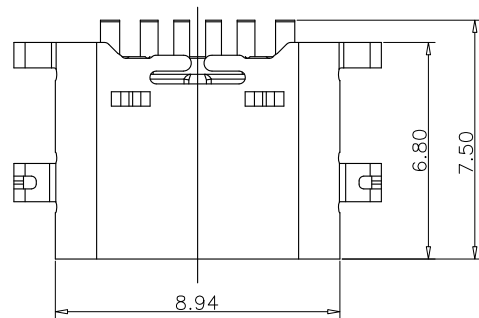


SECTION A-A
SCALE 1:1

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=0.30mm

B. Plating

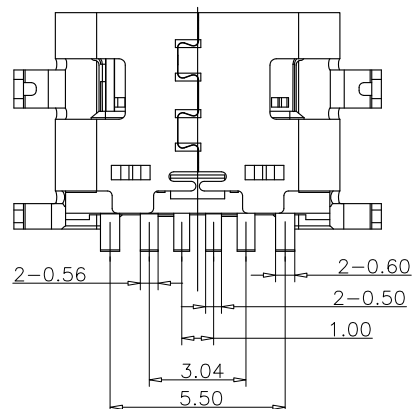
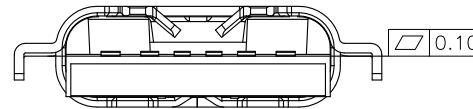
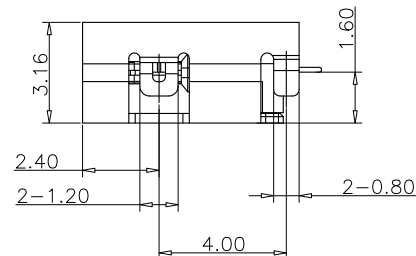
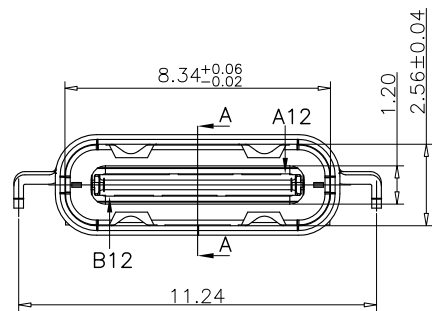
Contact Area: 1u" Au over 60u' min. Nickel
Solder Tails: 80u" min. Matte Tin over 60u" min. Nickel
Shell: 50u" min. Nickel
Mid Plate: No Plating

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

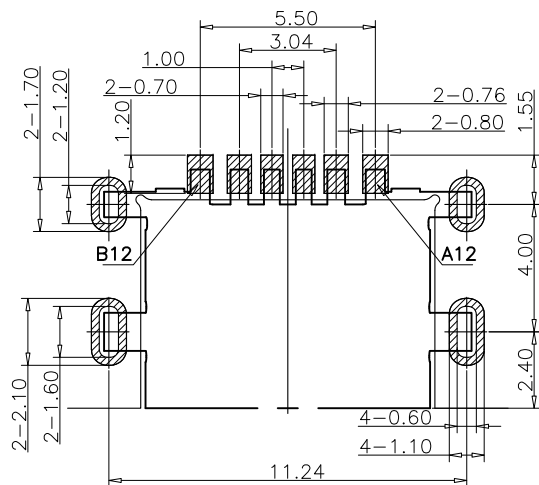


Part Number			Product Description			 www.szywf.com.cn www.szywf.cn Sheet No. 1/3
PTCFW-H22A-091			USB Type C Receptacle, Horizontal, SMT, Mid Mount, 1.6mm Offset For Power Charging Only, 6 Pin			
DWG.No.	P-TCF-112		Tolerances Unspecified		Units: Metric(mm)	
Revision	A0		X.X ±0.35	X° ±5°		
Designed	Lee	11/25/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	11/25/20	X.XXX ±0.15			



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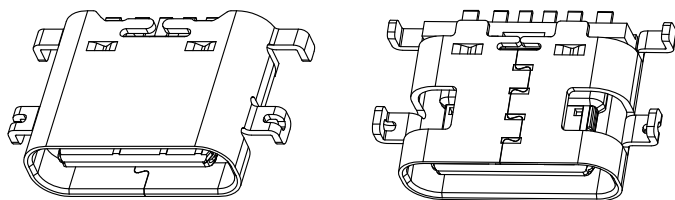
Sheet No. 1/3

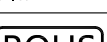
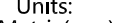


RECOMMENDED PCB LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

PIN ASSIGNMENTS

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

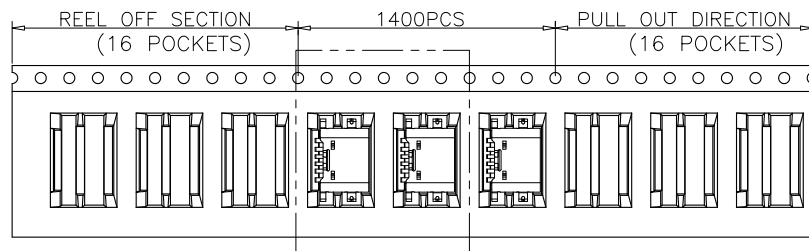


Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn	
PTCFW-H22A-091			USB Type C Receptacle, Horizontal, SMT, Mid Mount, 1.6mm Offset For Power Charging Only, 6 Pin					
DWG.No.	P-TCF-112		Tolerances Unspecified		Units: Metric(mm)			
Revision	A0		X.X	±0.35	X°			±5°
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	

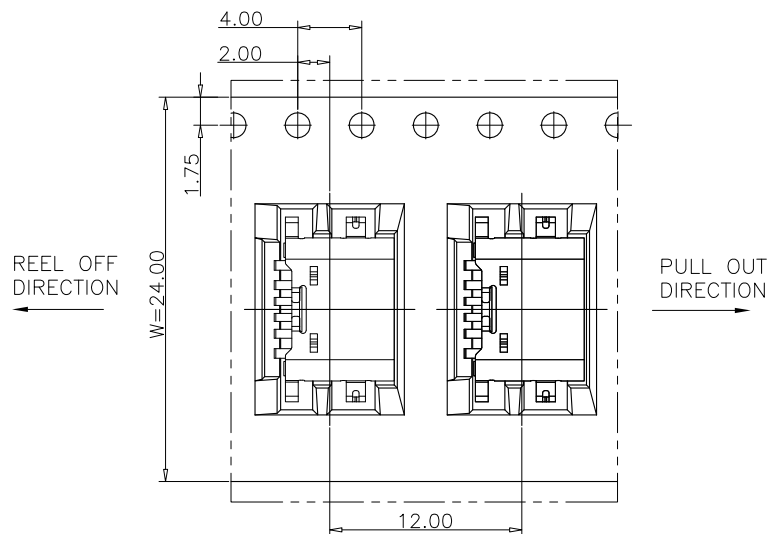
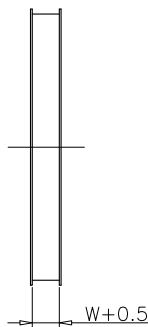
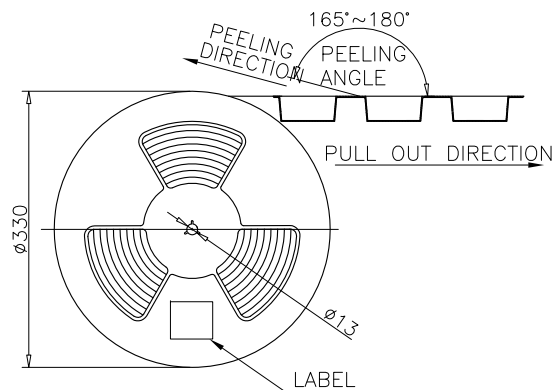


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Sheet No. 2/3



SEE DETAIL X



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

	REEL	CARTON
QUANTITY (PCS)	1400	14000

Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn
PTCFW-H22A-091			USB Type C Receptacle, Horizontal, SMT, Mid Mount, 1.6mm Offset For Power Charging Only, 6 Pin				
DWG.No.	P-TCF-112		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. 3/3

