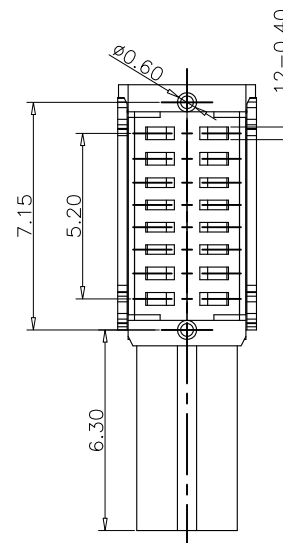
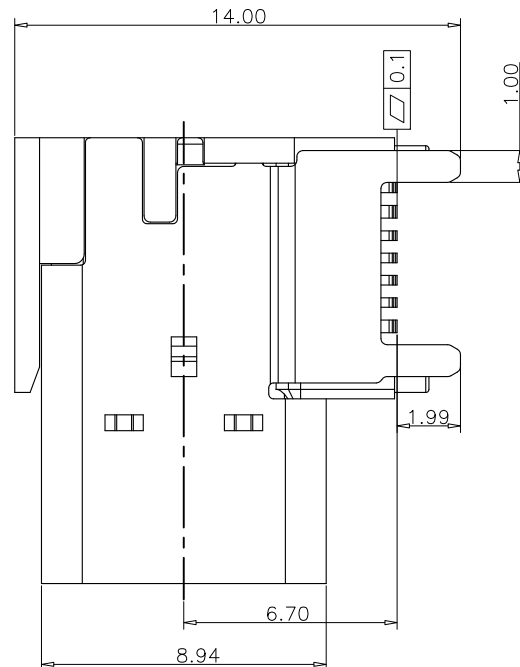
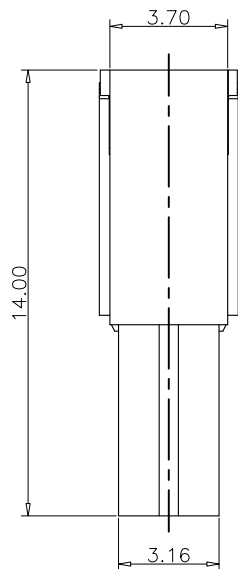


1 2 3 4 5 6 7

A



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 50u' min. Nickel

Solder Tails: 1u" Au over 50u' min. Nickel

Shell: 80u" min. Nickel

Mid Plate: No Plating

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.

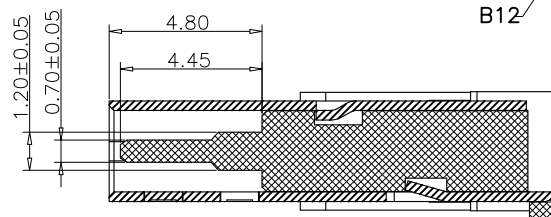
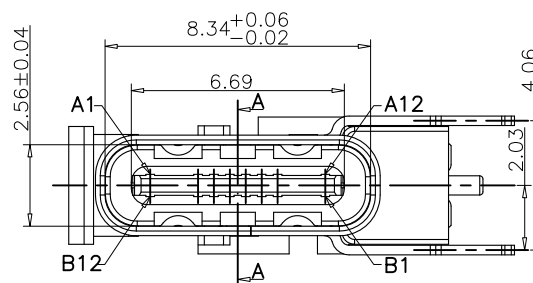
D. Mechanical & Environmental

Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 10,000 cycles



SECTION A-A

SCALE 1:1

Part Number			Product Description			 WFE <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn	
PTCFW-H22E-007			USB 2.0 Type C Receptacle, Flag Type, Dual Row SMT, CH=6.7mm, PCB Top Mount, 16 Pin				
DWG.No.	P-TCF-097		Tolerances Unspecified		Units: Metric(mm)		ROHS COMPLIANT 2011/65/EU Deca-BDEV
Revision	A0		X.X ±0.35	X° ±5°			
Designed	Lee	12/05/20	X.XX ±0.25	X.X° ±2°			
Approved	Allen	12/05/20	X.XXX ±0.15				
						Sheet No. 1/3	

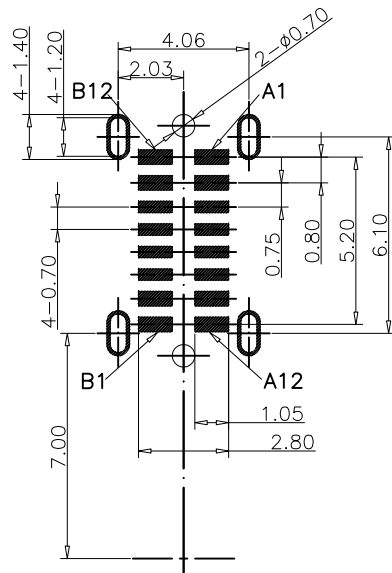


www.szywf.com.cn

www.szywf.cn

Sheet No. 1/3

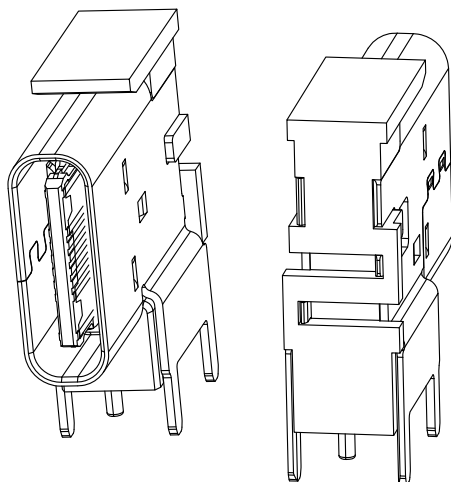
1 2 3 4 5 6 7

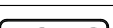
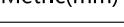


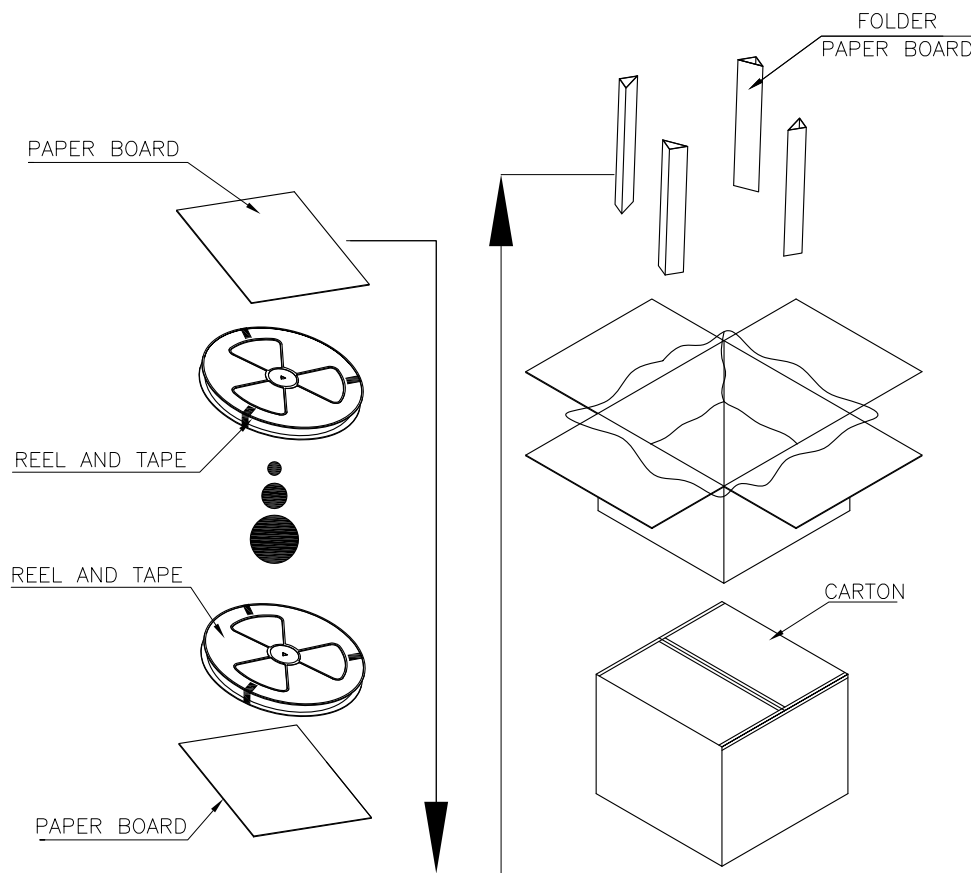
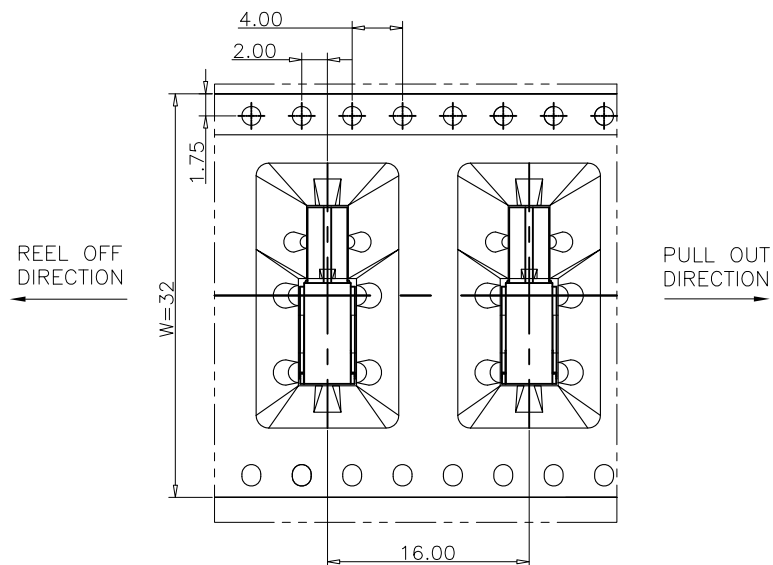
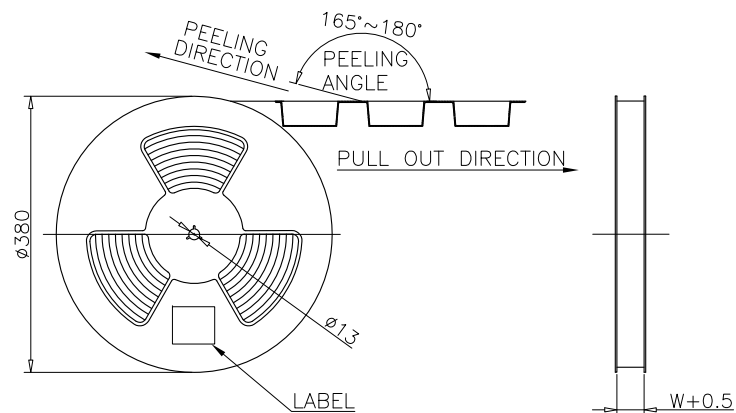
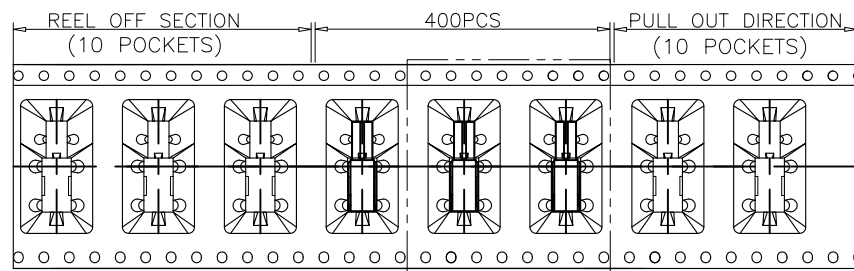
RECOMMENDED PCB LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



Part Number			Product Description			 Connecting the Future www.szywf.com.cn www.szywf.cn
PTCFW-H22E-007			USB 2.0 Type C Receptacle, Flag Type, Dual Row SMT, CH=6.7mm, PCB Top Mount, 16 Pin			
DWG.No.	P-TCF-097		Tolerances Unspecified		Units: Metric(mm)	
Revision	A0		X.X ±0.35	X° ±5°	 ROHS COMPLIANT 2011/65/EU Deca-BDEv	
Designed	Lee	12/05/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	12/05/20	X.XXX ±0.15			Sheet No. 2/3



	REEL	CARTON
QUANTITY (PCS)	400	3200

Part Number			Product Description		
PTCFW-H22E-007			USB 2.0 Type C Receptacle, Flag Type, Dual Row SMT, CH=6.7mm, PCB Top Mount, 16 Pin		
DWG.No.	P-TCF-097		Tolerances Unspecified		
Revision	A0		X.X	±0.35	X° ±5°
Designed	Lee	12/05/20	X.XX	±0.25	X.X° ±2°
Approved	Allen	12/05/20	X.XXX	±0.15	

