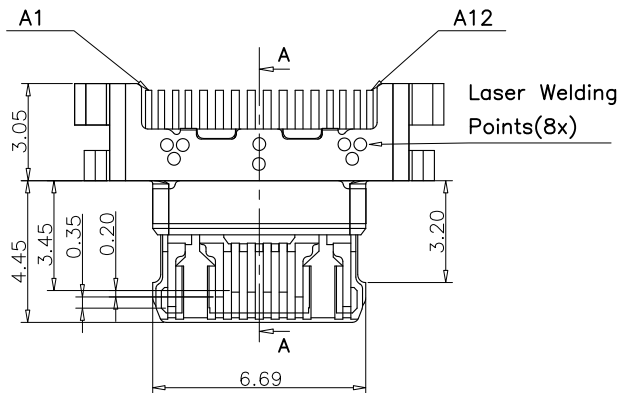
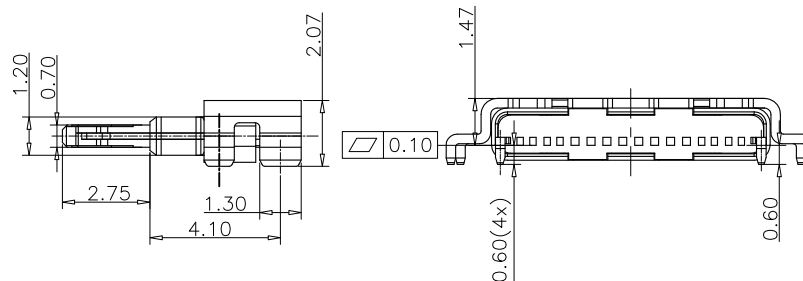
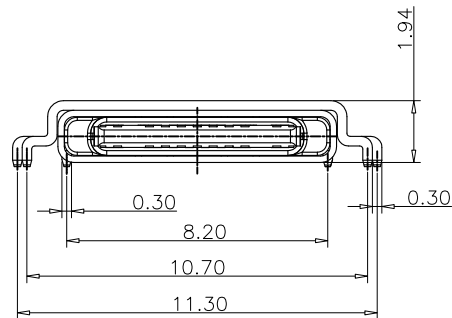


SECTION A-A
SCALE 1:1



Specifications

A. Material

Insulator: PA9T, UL94 V-0, Black
Contact: Copper Alloy, T=0.25mm
Mid Plate: Stainless Steel, T=0.20mm
Shell: Stainless Steel, T=0.30mm
Inner Shell: Stainless Steel, T=0.20mm
EMI Plate: Stainless Steel, T=0.1mm

B. Plating

Contact Area: 3u" Au over 60u" min. Nickel
Solder Tails: Gold Flash Au over 60u" min. Nickel
Shell: Gold Flash Au over 50u" min. Nickel
Inner Shell: 50u" min. Nickel
Mid Plate: 50u" min. Nickel
EMI 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.

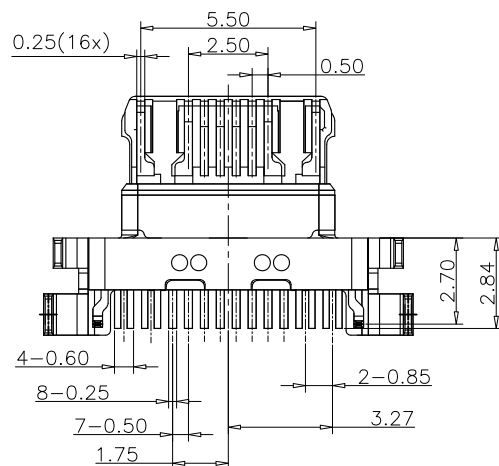
D. Mechanical & Environmental

Operating Temperature: -25°C to +85°C

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 10,000 cycles

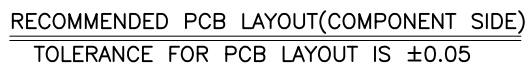


Part Number			Product Description			
PTCFW-H22A-132			USB 2.0 Type C Receptacle, Horizontal, SMT, MidMount, 0.52mm Offset, 16 Pin			
DWG.No.	P-TCF-200		Tolerances Unspecified		Units:	
Revision	A0		X.X ±0.35	X° ±5°	Metric(mm)	
Designed	Lee	12/15/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	12/15/20	X.XXX ±0.15			

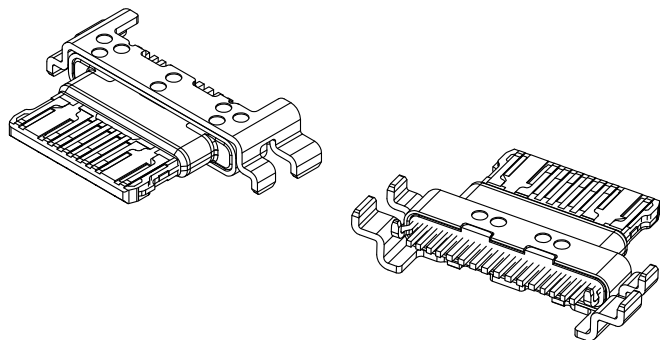


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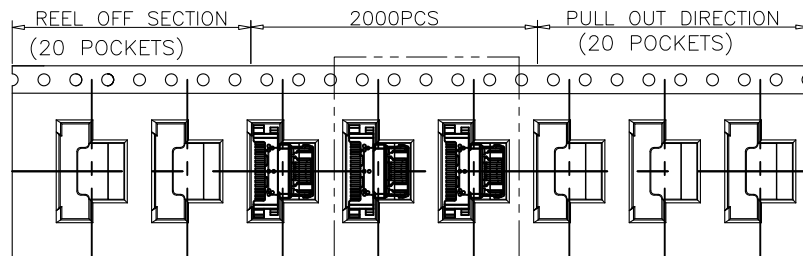
Sheet No. 1/3



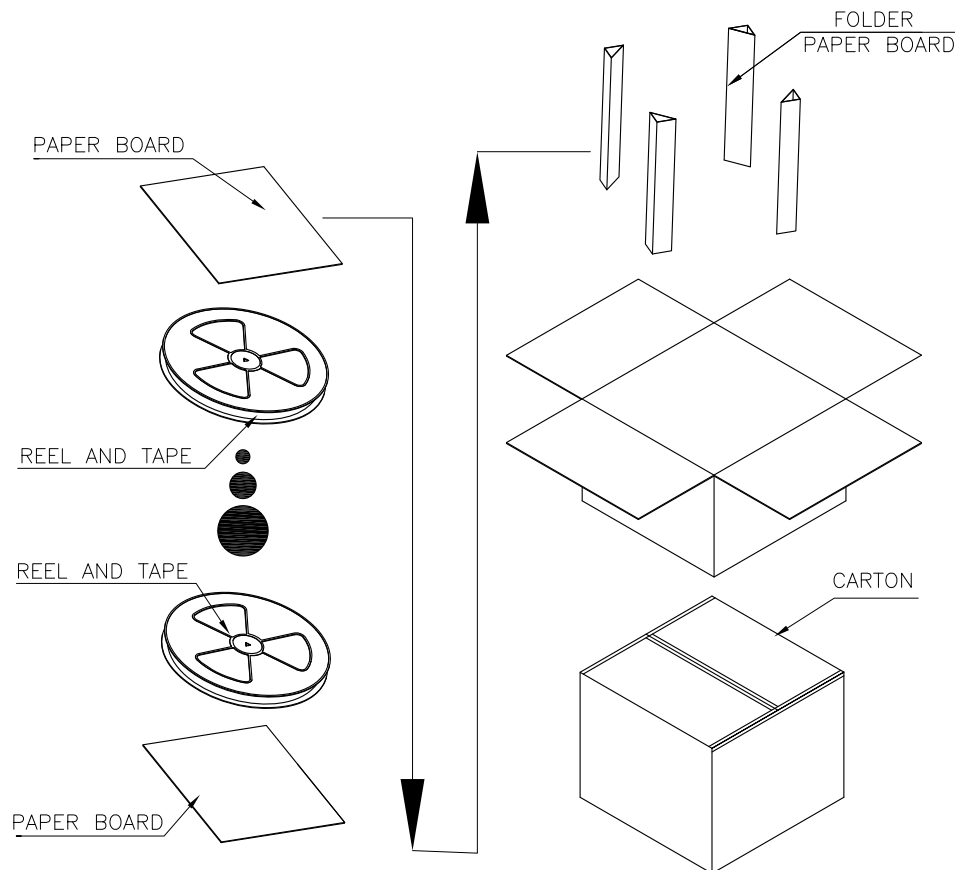
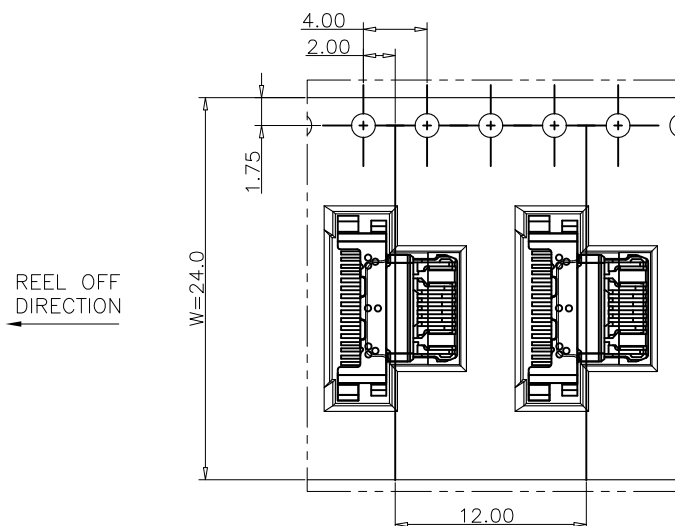
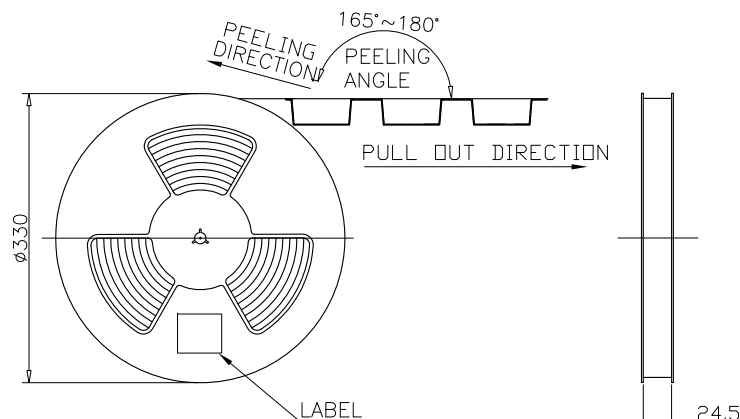
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



Part Number			Product Description				 <i>Connecting the Future</i> www.szywf.com.cn www.szywf.cn
PTCFW-H22A-132			USB 2.0 Type C Receptacle, Horizontal, SMT, MidMount, 0.52mm Offset, 16 Pin				
DWG.No.	P-TCF-200		Tolerances Unspecified		Units: Metric(mm)	ROHS COMPLIANT 2011/65/EU Deca-BDEv	
Revision	A0		X.X ±0.35	X° ±5°			
Designed	Lee	12/15/20	X.XX ±0.25	X.X° ±2°			
Approved	Allen	12/15/20	X.XXX ±0.15				
							Sheet No. 2/3



SEE DETAIL X



Part Number		Product Description				REEL		CARTON	
PTCFW-H22A-132		USB 2.0 Type C Receptacle, Horizontal, SMT, MidMount, 0.52mm Offset, 16 Pin				2000		20000	
DWG.No.	P-TCF-200	Tolerances Unspecified		Units: Metric(mm)					
Revision	A0	X.X	±0.35	X°	±5°				
Designed	Lee 12/15/20	X.XX	±0.25	X.X°	±2°				
Approved	Allen 12/15/20	X.XXX	±0.15						

