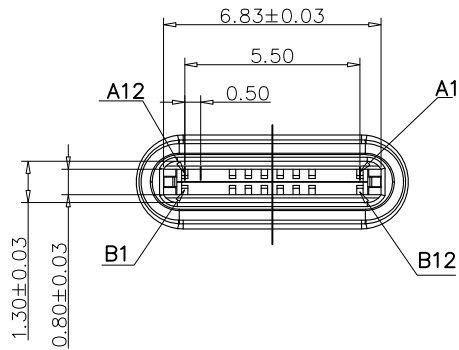
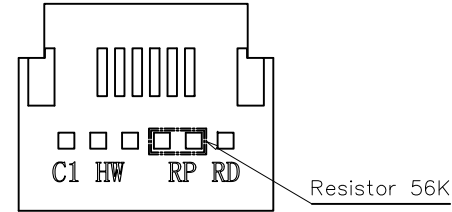




Circuit schematic diagram		
	PLUG	PCB
	A1,A12,B1,B12,Shell	GND
	A4,A9,B4,B9	VBUS
Resistor 56K	A5	
	A6	Dp1
	A7	Dn1



Specifications

A. Material

Insulator: LCP, UL94 V -0, Black
Contact: Copper Alloy, T=0.15mm
Mid Plate: Stainless Steel, T=0.30mm
Shell: Stainless Steel, T=0.15mm

B. Plating

Contact Area: 2u" Au over 50u' min. Nickel
Solder Tails: 80u" min. Matte Tin over 50u" min. Nickel
Shell: 50u" min. Nickel
Mid Plate: 80u" min. Matte Tin over 50u" 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.

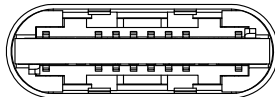
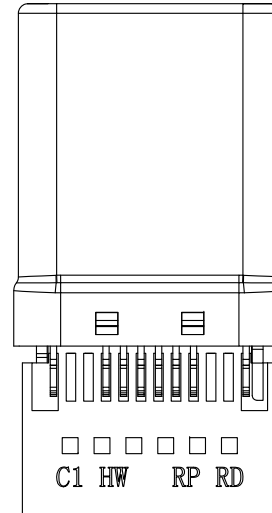
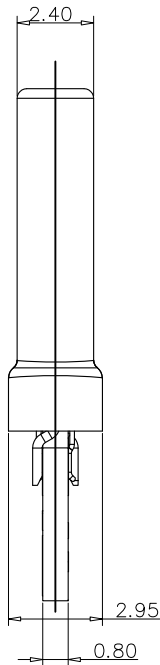
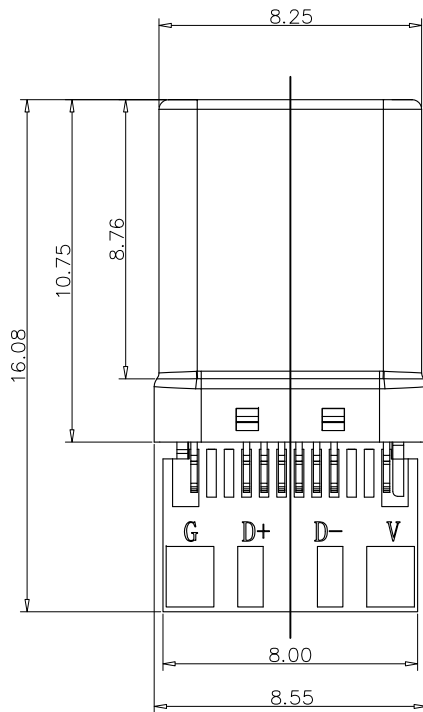
D. Mechanical & Environmental

Operating Temperature: -25℃ to +85℃

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

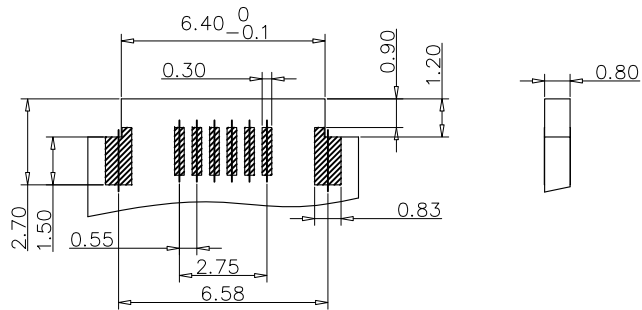
Durability: 10,000 cycles



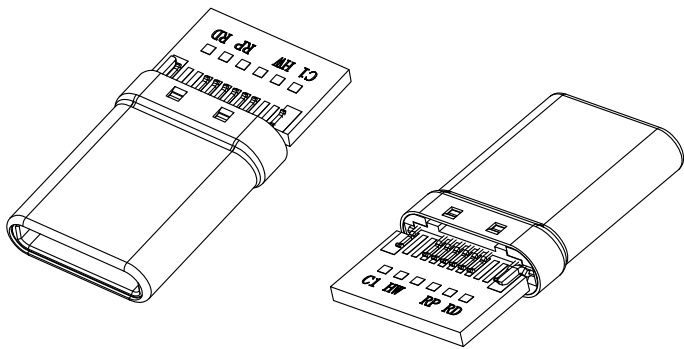
Part Number			Product Description			
PTCMW-H16B-009			USB 2.0 Type C Plug, Splint, 16 Pin, With Board			
DWG.No.	P-TCM-003		Tolerances Unspecified		Units:	
Revision	A0		X.X ±0.35	X° ±5°	Metric(mm)	
Designed	Lee	12/20/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	12/20/20	X.XXX ±0.15			



Sheet No. 1/3

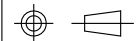


RECOMMENDED PCB LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05



PIN ASSIGNMENTS

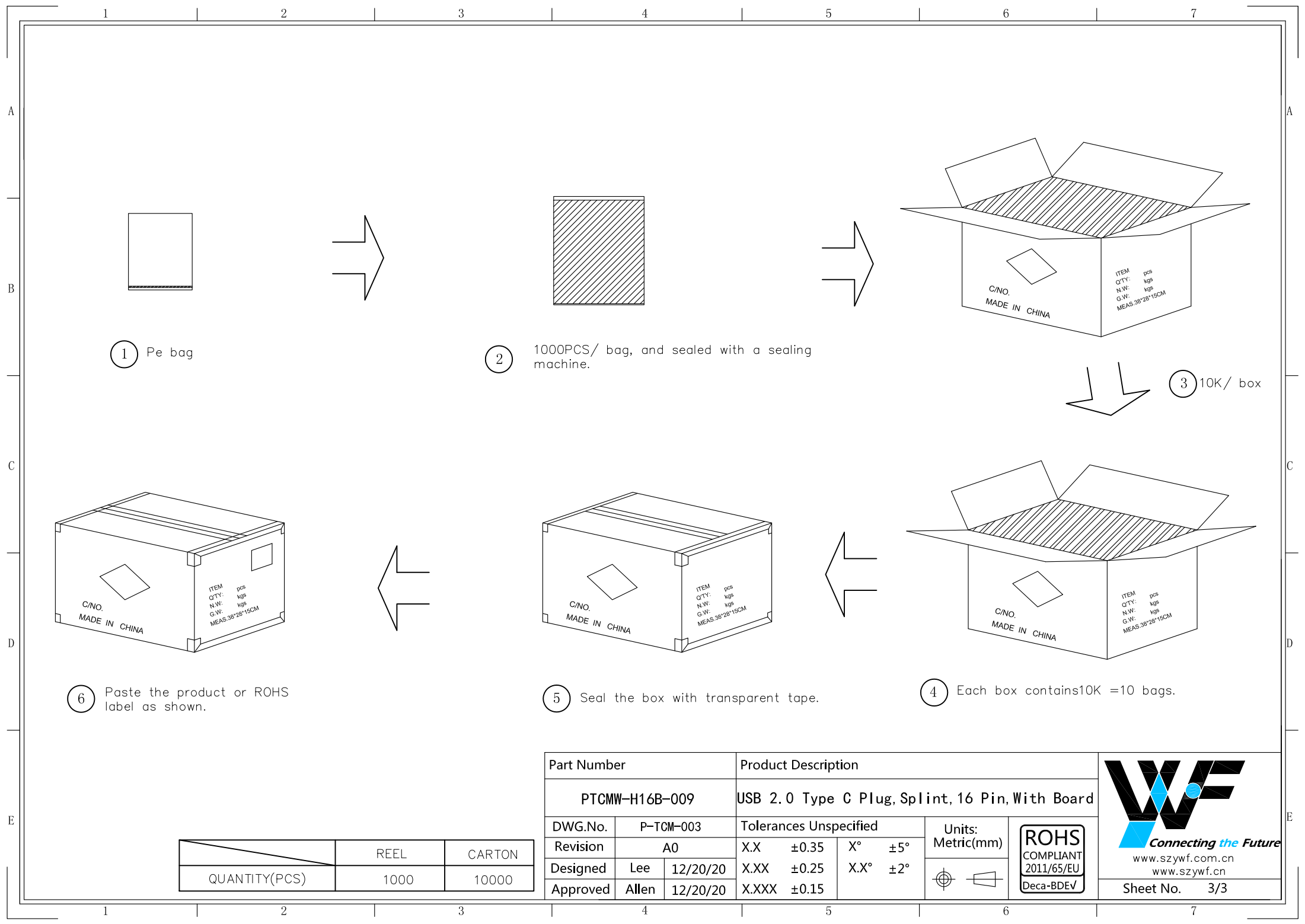
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

Part Number			Product Description				 Connecting the Future www.szywf.com.cn www.szywf.cn
PTCMW-H16B-009			USB 2.0 Type C Plug, Splint, 16 Pin, With Board				
DWG.No.	P-TCM-003		Tolerances Unspecified		Units: Metric(mm)		
Revision	A0		X.X ±0.35	X° ±5°			
Designed	Lee	12/20/20	X.XX ±0.25	X.X° ±2°			
Approved	Allen	12/20/20	X.XXX ±0.15				



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	REEL	CARTON
QUANTITY(PCS)	1000	10000

Part Number			Product Description			
PTCMW-H16B-009			USB 2.0 Type C Plug, Splint, 16 Pin, With Board			
DWG.No.	P-TCM-003		Tolerances Unspecified		Units:	ROHS COMPLIANT 2011/65/EU Deca-BDEV
Revision	A0		X.X	±0.35	X°	±5°
Designed	Lee	12/20/20	X.XX	±0.25	X.X°	±2°
Approved	Allen	12/20/20	X.XXX	±0.15		



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