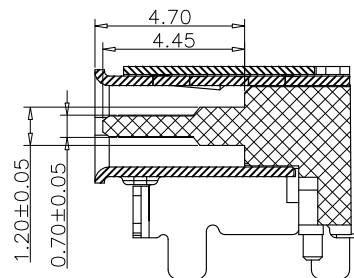
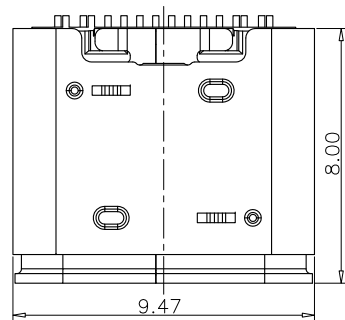


1 2 3 4 5 6 7

A



SECTION A-A

SCALE 1:1

Specifications

A. Material

Insulator: PA9T, UL94 V-0, Black
Contact: Copper Alloy, T=0.12mm
Mid Plate: Stainless Steel, T=0.15mm
Shell: Stainless Steel, T=0.25mm
Inner Shell: Stainless Steel, T=0.30mm

B. Plating

Contact Area: 3u" Au over 50u" min. Nickel
Solder Tails: Gold Flash over 50u" min. Nickel
Shell: 50u" min. Nickel
Inner Shell: 50u" min. Nickel
Mid Plate: No Plating

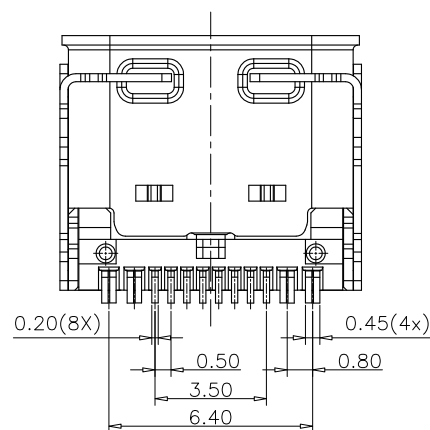
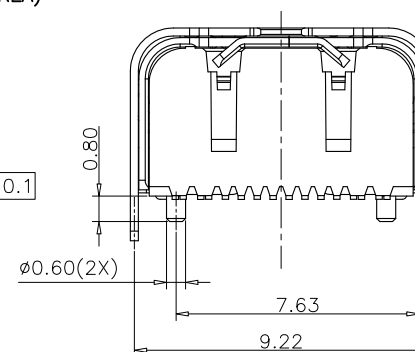
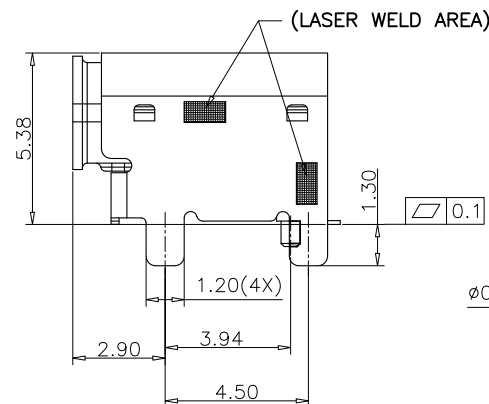
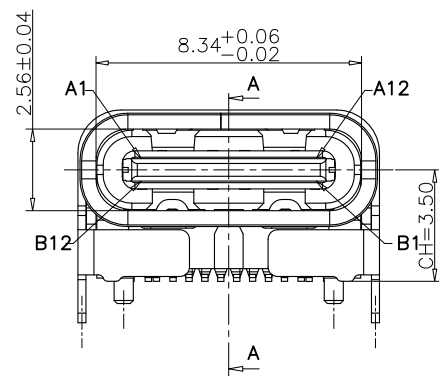
C. Electrical

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

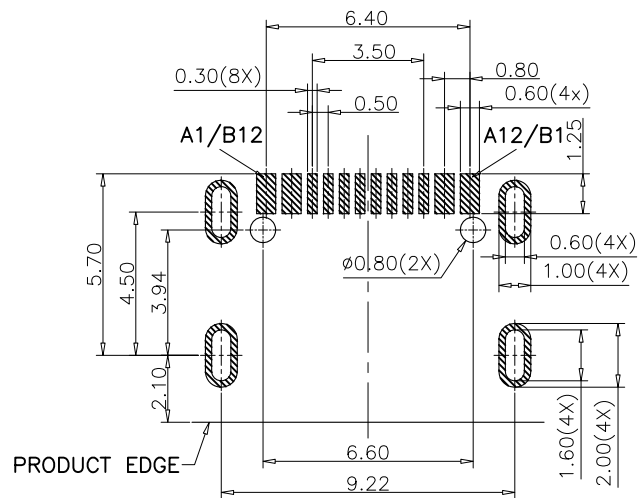


Part Number			Product Description			
PTCFW-H22A-071			USB 2.0 Type C Receptacle, Horizontal, SMT, 3.50mm Elevated Top Mount, 16 Pin			
DWG.No.	P-TCF-066		Tolerances Unspecified		Units:	
Revision	A0		X.X	±0.35	X°	
Designed	Lee	12/15/20	X.XX	±0.25	X.X°	
Approved	Allen	12/15/20	X.XXX	±0.15	X.X°	



Sheet No. 1/3

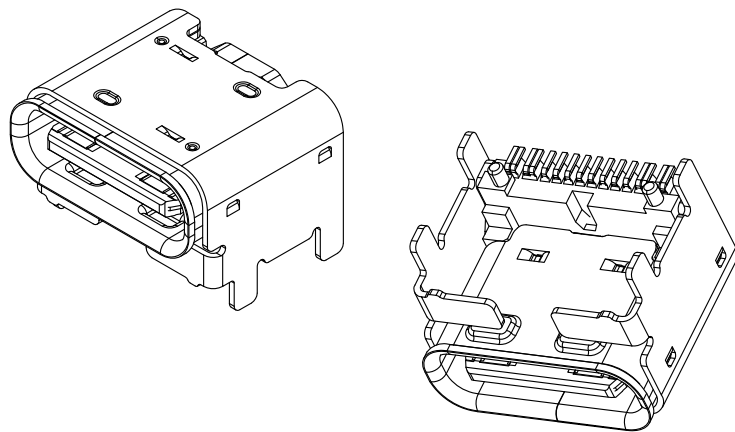
1 2 3 4 5 6 7

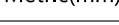


RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

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

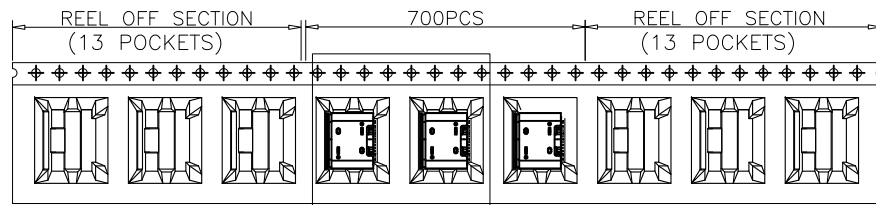


Part Number			Product Description			
PTCFW-H22A-071			USB 2.0 Type C Receptacle, Horizontal, SMT, 3.50mm Elevated Top Mount, 16 Pin			
DWG.No.	P-TCF-066		Tolerances Unspecified		Units: Metric(mm)	
Revision	A0		X.X ±0.35	X° ±5°		
Designed	Lee	12/15/20	X.XX ±0.25	X.X° ±2°		
Approved	Allen	12/15/20	X.XXX ±0.15			
						Sheet No. 2/3

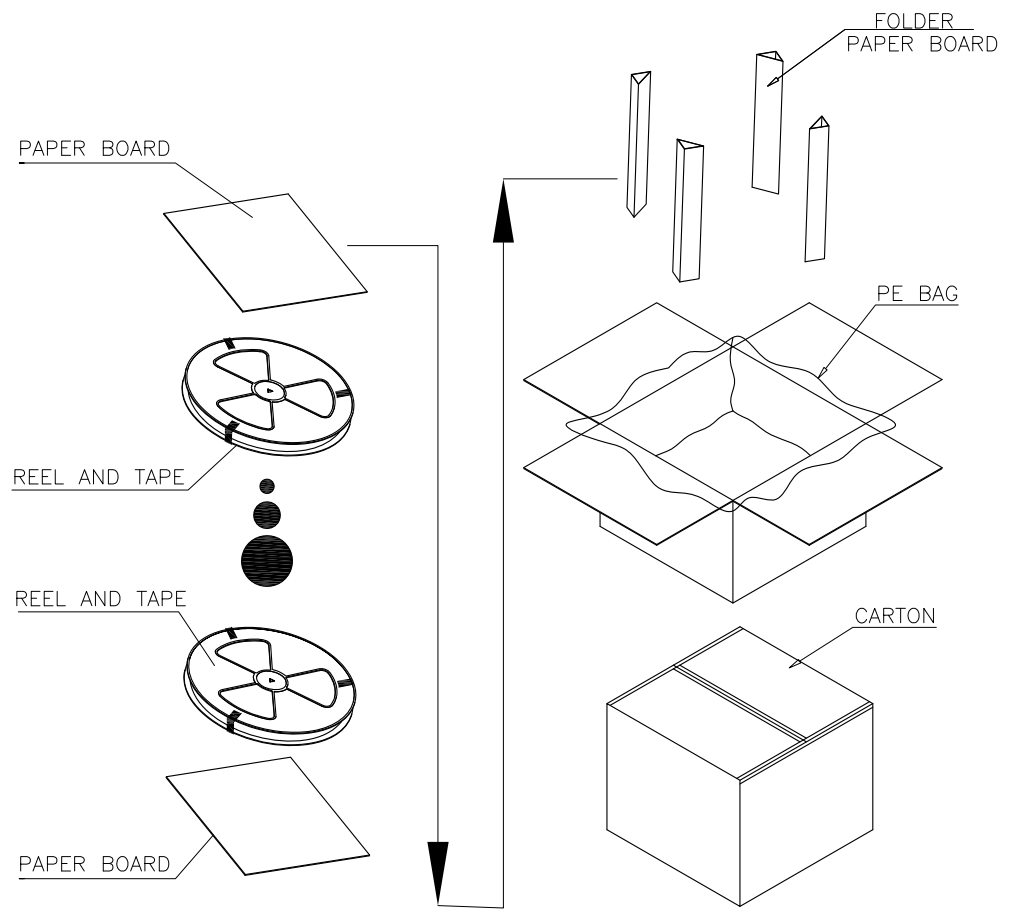
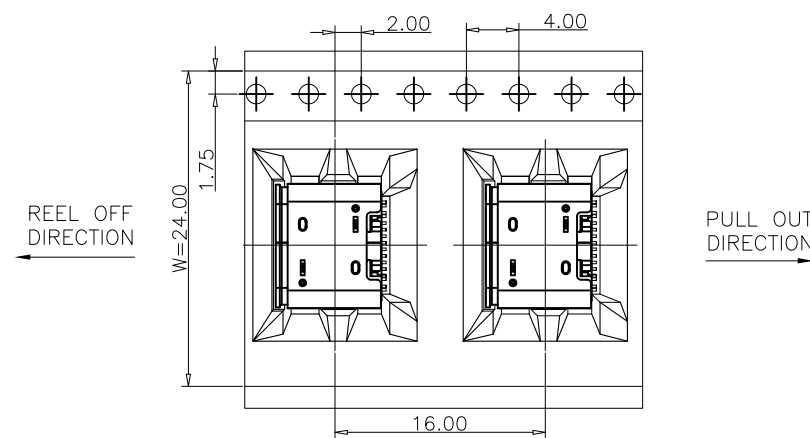
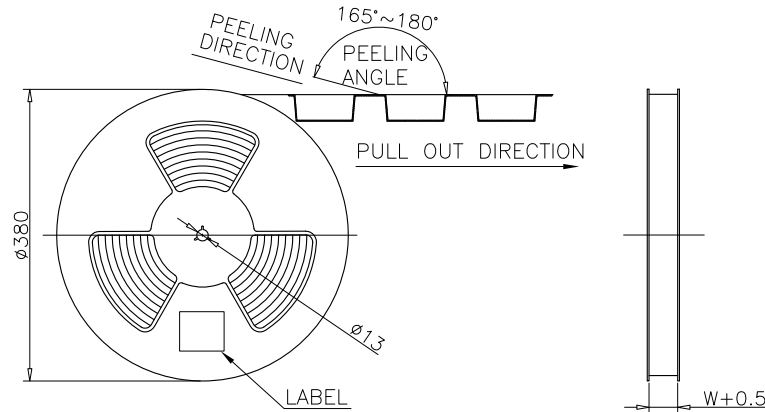


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SEE DETAIL X



Part Number		Product Description			
PTCFW-H22A-071		USB 2.0 Type C Receptacle, Horizontal, SMT, 3.50mm Elevated Top Mount, 16 Pin			
DWG.No.	P-TCF-066	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		

QUANTITY (PCS)	REEL	CARTON
	700	7000



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