

Specifications

A. Material

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

B. Plating

Contact Area: 3u" Au over 50u" min. Nickel
 Solder Tails: 1u" Au over 50u" min. Nickel
 Shell: 30u" 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

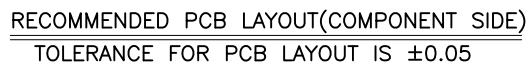
Durability: 10,000 cycles

SECTION A-A

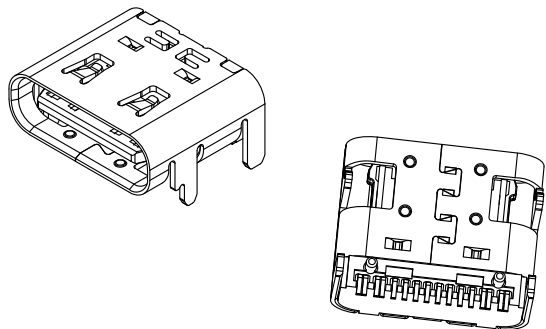
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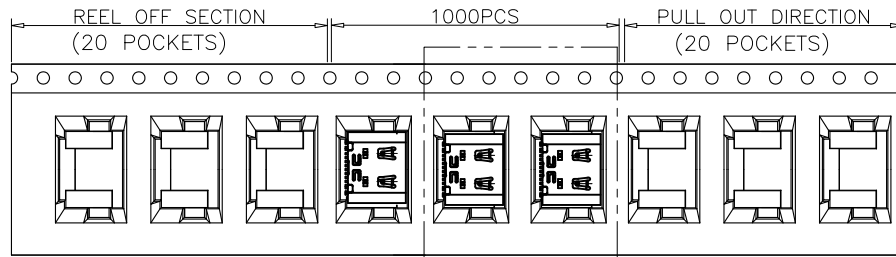
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Part Number			Product Description			
PTCFW-H22A-106			USB 2.0 Type C Receptacle, Horizontal, SMT, PCB Top Mount, 16 Pin			
DWG.No.	P-TCF-190		Tolerances Unspecified		Units:	ROHS COMPLIANT 2011/65/EU Deca-BDEV
Revision	A0		X.X	±0.35	X°	±5°
Designed	Lee	12/15/20	X.XX	±0.25	X.X°	±2°
Approved	Allen	12/15/20	X.XXX	±0.15		

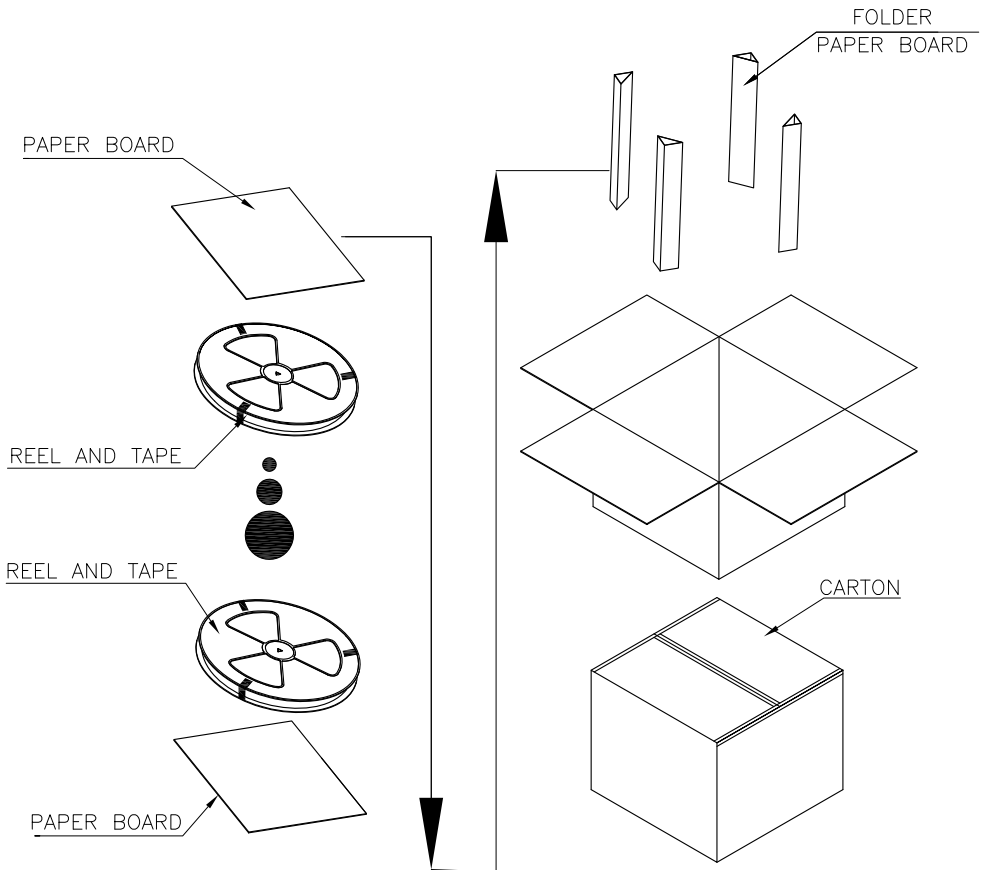
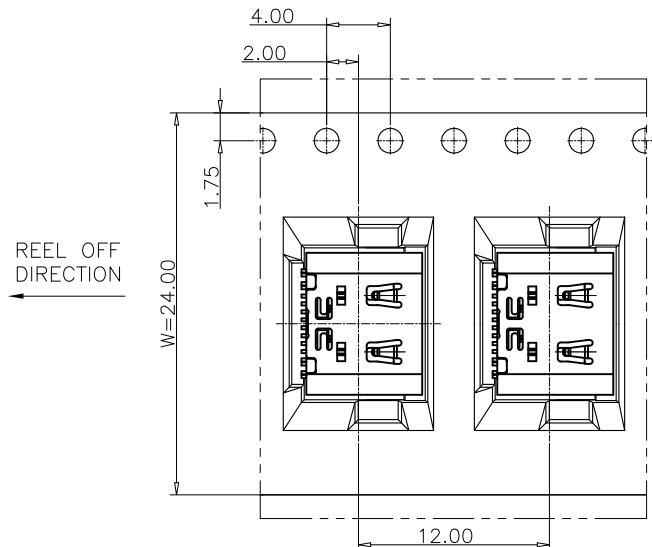
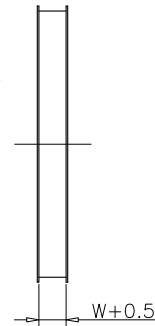
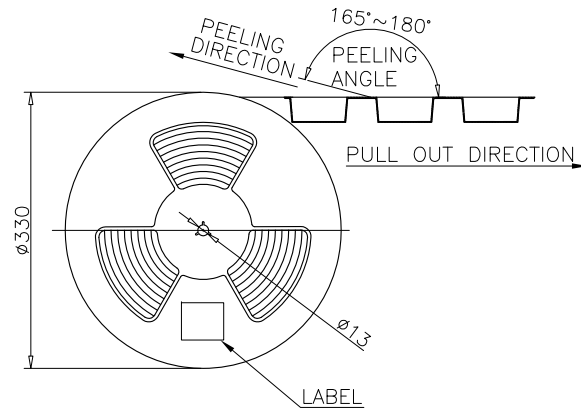


PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



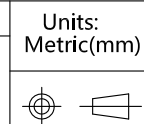


SEE DETAIL X



	REEL	CARTON
QUANTITY (PCS)	1000	10000

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