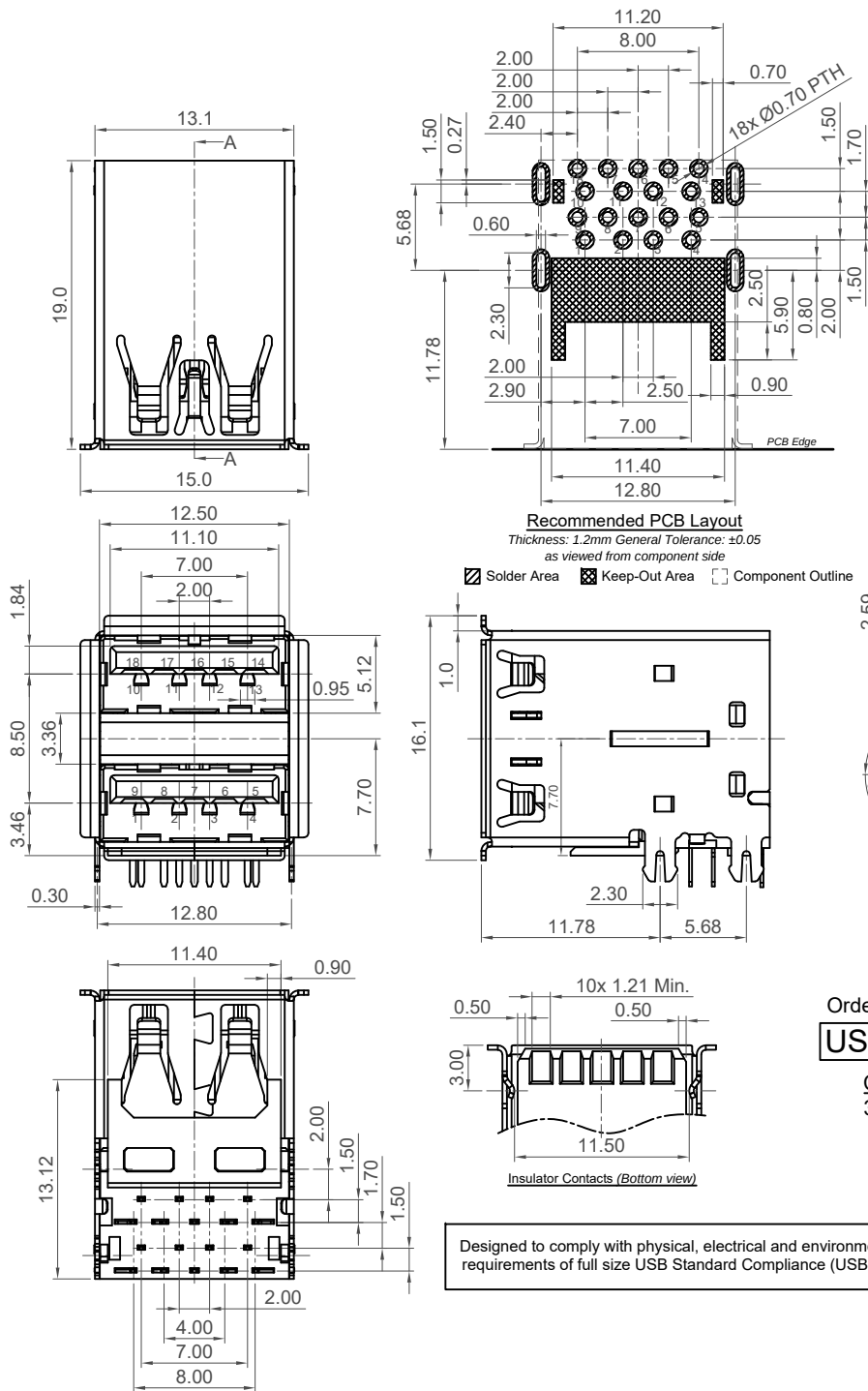


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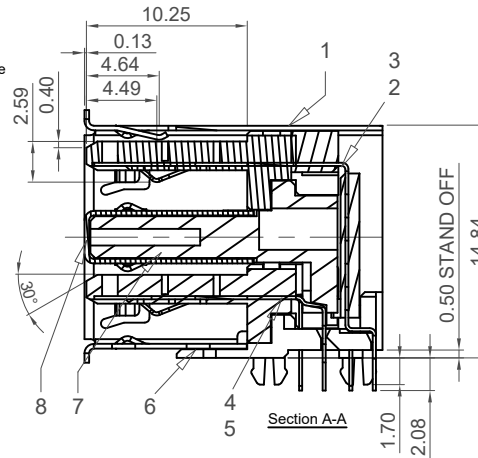
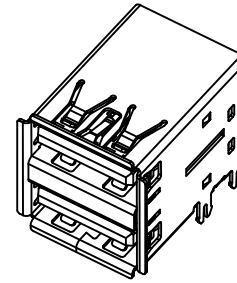
Designed to comply with physical, electrical and environmental requirements of full size USB Standard Compliance (USB3.0).

Ordering Grid

USB1100 - 30 - A Request Samples and Quotation

Contact Plating
30 = 30 μ " Gold

Packing Options
A = Tape & Reel
(200 per reel)



No.	Part Name	Material	Finish	Q'ty
1	Cover	SUS201	Ni Plating	1
2	Top Housing	PA9T		1
3	Top Pin	C5210 EH	Au Plating	1
4	Bottom Housing	PA9T		1
5	Bottom Pin	C5210 EH	Au Plating	1
6	Base	PA9T		1
7	Spacer	PA9T		1
8	Mid-Plate	SUS201	Degrease	

PIN LAYOUT			
PIN No.	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	Power	Second
2	D-	USB2.0 Differential pair	Third
3	D+		
4	GND	Ground for power return	Second
5	StdA_SSRX-	Superspeed receiver differential pair	Last
6	StdA_SSRX+		
7	GND_DRAIN	Ground for signal return	
8	StdA_SSTX-	Superspeed transmitter differential pair	
9	StdA_SSTX+		
SHELL	SHIELD	Connector metal shell	First

Specifications

Material

Plastic Housing: PA9T, UL94V-0, Blue
Terminal: Copper Alloy
Metallic Shell: SUS201 (T=0.30mm)

Plating (See table above for more info)

Terminal:

Contact Area: Gold (See ordering grid)
Solder Tails: 80 μ " min. Tin
Underplating: 50 μ " min. Nickel
Metallic Shell: 50 μ " min. Nickel

Electrical

Voltage Rating: 100 V AC
Current Rating:
0.25A (Signal Pins 2,3,5,6,7,8,9)
1.8A (Power Pins 1,4)
Operating Temperature: -55°C to +85°C
Contact Resistance: 30 m Ω max.
Insulating Resistance: 1000 M Ω min.
Dielectric Withstand Voltage: 500V AC/minute

Mechanical & Environmental

Mating Force: 35N max.
Unmating Force: 10N min. initial, 8N min. after test
Durability: 5000 Cycles

Part Number		Product Description	
USB1100		USB 3.0 Dual Receptacle, Full Size, Type A,	
Drawing Date		Top Mount, Horizontal, Through-Hole	
20th February 2013			
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB1100 C PCN	Length X. ± 0.50 X.X ± 0.38 X.XX ± 0.20 X.XXX ± 0.10	Metric (mm)
Revision	C1	$\pm 2^\circ$	
Date	24/08/21		3rd Angle Projection

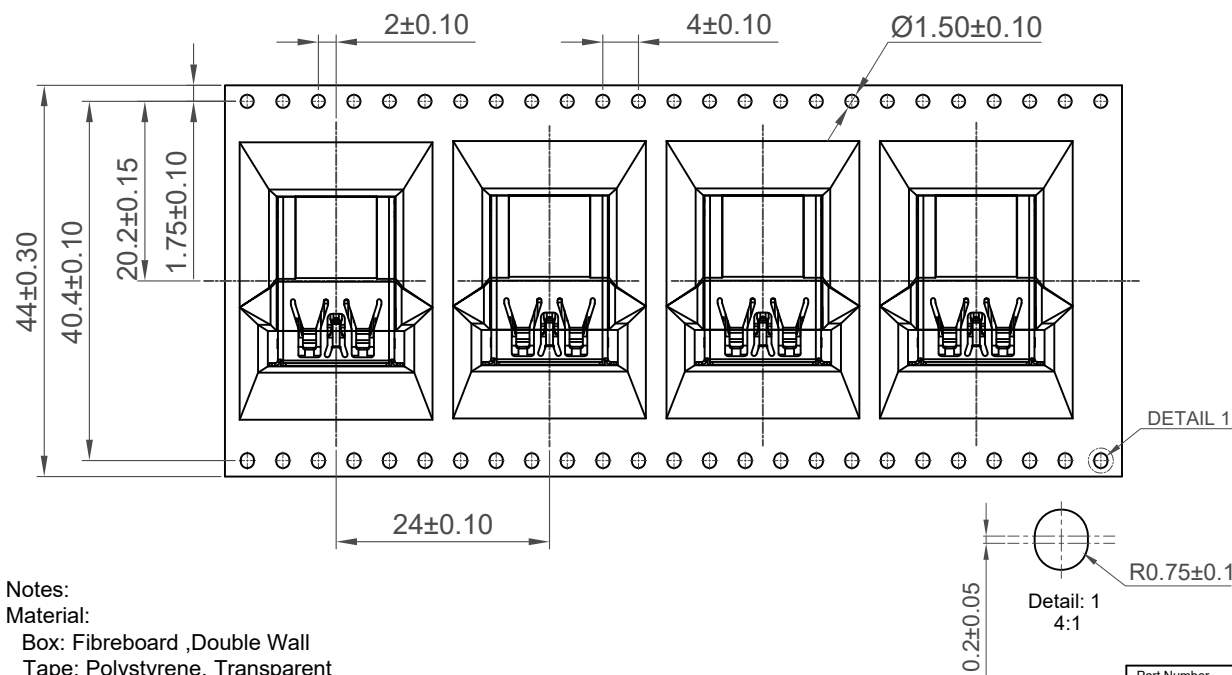
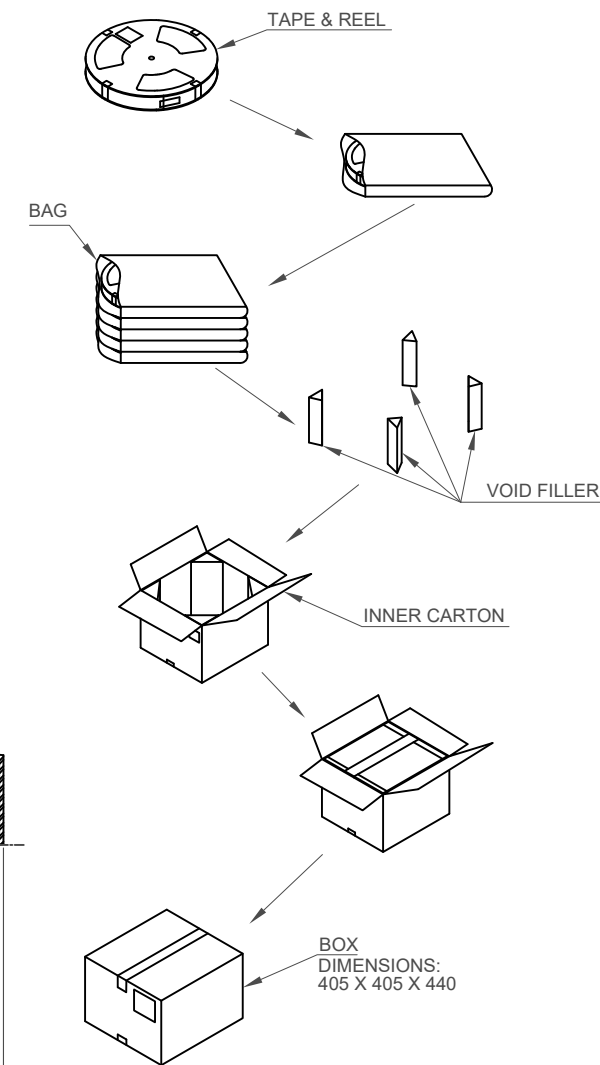
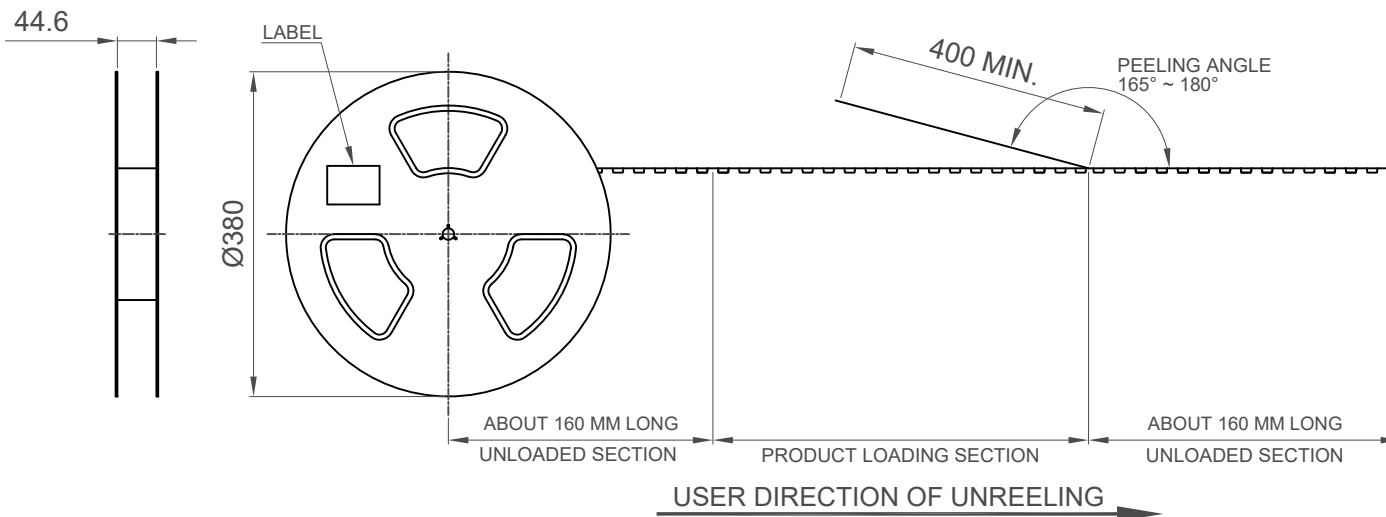


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Notes:

Material:

Box: Fibreboard ,Double Wall

Tape: Polystyrene, Transparent

Heat Resistant Temperature: 120°C

Reel: Polystyrene, Blue

Heat Resistant Temperature: 70°C

Bag: Polyethylene ,Heat Resistant Temperature: 100°C

Packing Spec

1. Peeling strength: 0.1N~1.3N (10~130grams)
2. Peeling Speed: 300 mm/min
3. Each bag will include desiccant.

Part Number		Product Description	
USB1100		USB 3.0 Dual Receptacle, Full Size, Type A, Top Mount, Horizontal, Through-Hole	
Drawing Date		20th February 2013	
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB1100 C PCN	Length	Metric (mm)
Revision	C1	Angle	
Date	24/08/21		

RoHS
COMPLIANT
2011/65/EU
Deca-SIDE

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Drawn By
AJO

Sheet No.
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