

Section: A-A

Specifications

Material

Insulator: LCP, UL 94V-0, Black
 Contact: Copper Alloy
 Mid Plate: Stainless Steel
 EMI Plate: Stainless Steel
 Shell: Stainless Steel

Plating

Contact:
 Contact Area: Gold
 Solder Tails: Gold
 Underplating: 50 μ " min. Nickel
 Shell: 30 μ " min. Nickel
 Mid Plate: Clear
 EMI Plate: Clear

Electrical

Current Rating: 5.00A collectively for Vbus pins
 6.25A collectively for GND pins
 1.25A for A5/B5 pin
 0.25A per pin for all other pins

Voltage Rating: 48V DC

Power Rating: 240W

Contact Resistance: 40m Ω max initial.
 50m Ω max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance 100M Ω min

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

Ordering Grid

USB4900 - 00 - A - XXXX Request Samples and Quotation

Packing Options

A = Tape & Reel (1000 per reel) Shell Stake Length "S"
 Blank = 1.15mm
 0140 = 1.40mm

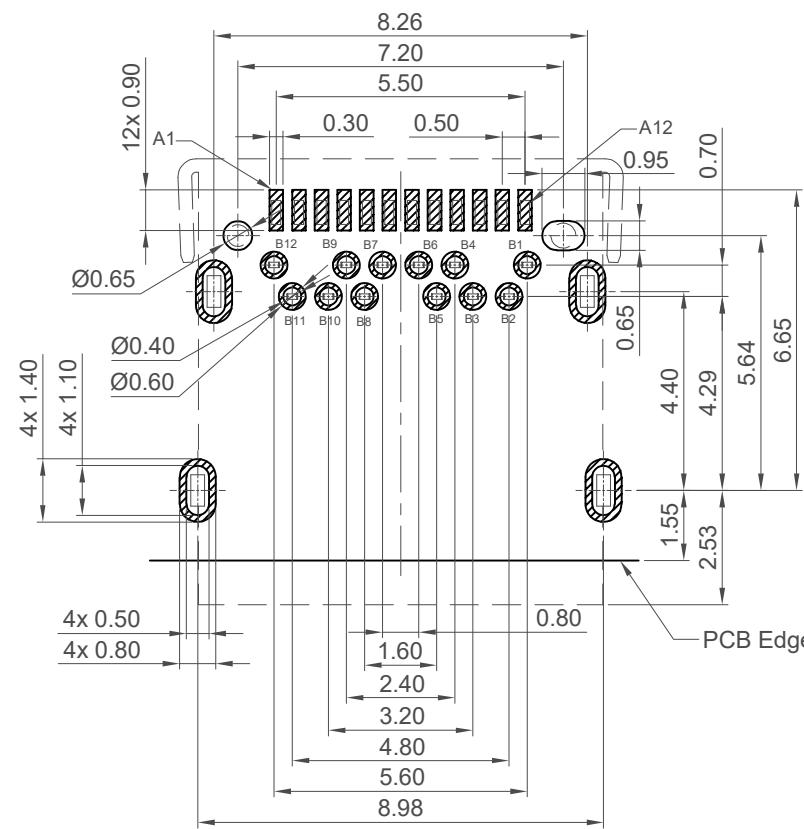
Part Number	Product Description		
USB4900	USB3.2 Gen 2 Type C Receptacle, Horizontal, Hybrid type, PCB Top Mount.		
Drawing Date			
8th December 2025	By	CC	Tolerances (Except as Noted)
	Detail	Drawing Release	Length Angle
			X.XX ± 0.30 X.XX ± 0.25 X.XXX ± 0.10
	Revision	A	Units: Metric (mm)
	Date	08/12/25	3rd Angle Projection

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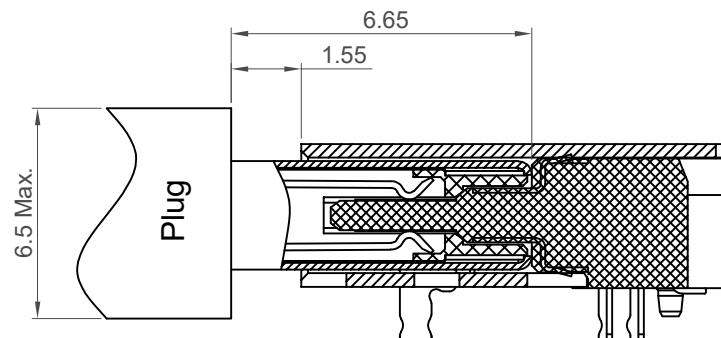
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 Sheet No. 1/3

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Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	VBUS	First	B9	VBUS	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND



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		X.XX ± 0.30	Metric (mm)
Revision	A	X.XX ± 0.25	-
Date	08/12/25	X.XXX ± 0.10	3rd Angle Projection

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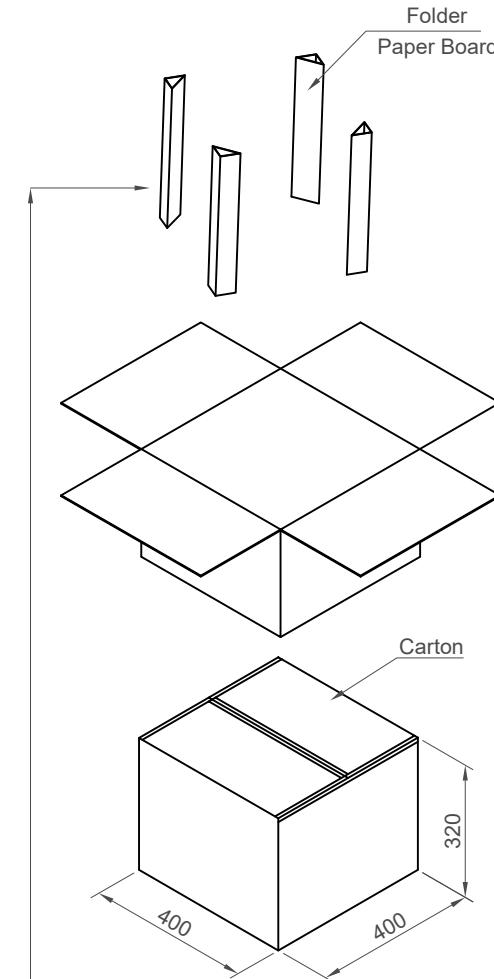
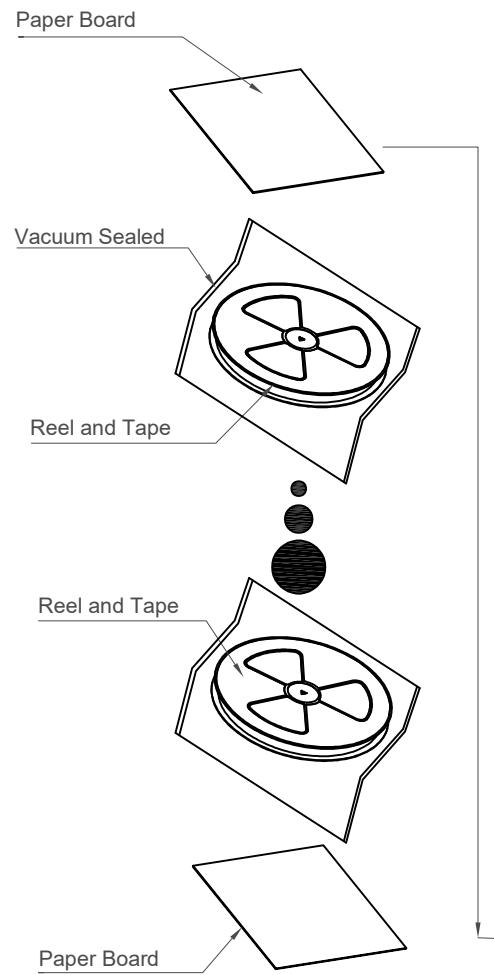
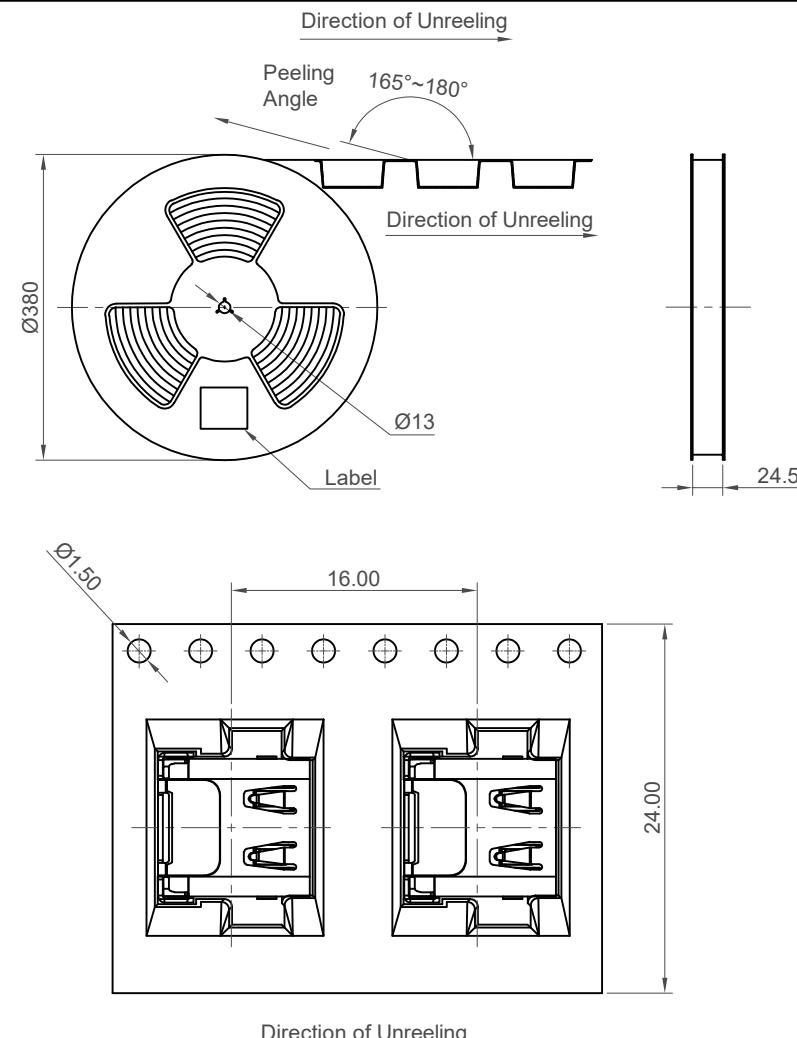
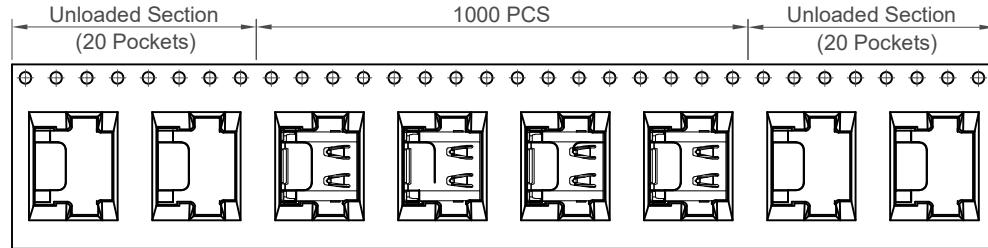
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Pcs / Reel	Reels / Carton	Total Quantity
1000	10	10,000 pcs

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Detail	Drawing Release	Length Angle	Metric (mm)
Revision	A	X.XX ± 0.30 X.XX ± 0.25 XXXX ± 0.10	-
Date	08/12/25	3rd Angle Projection	RoHS COMPLIANT 2011/65/EU Dec-2014

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