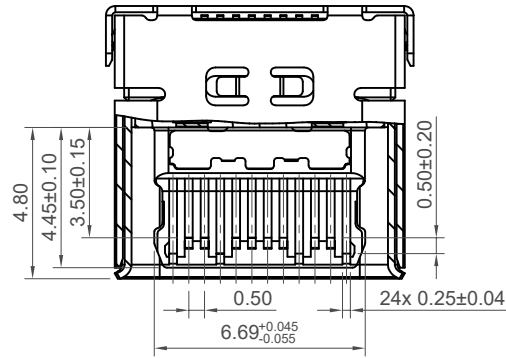
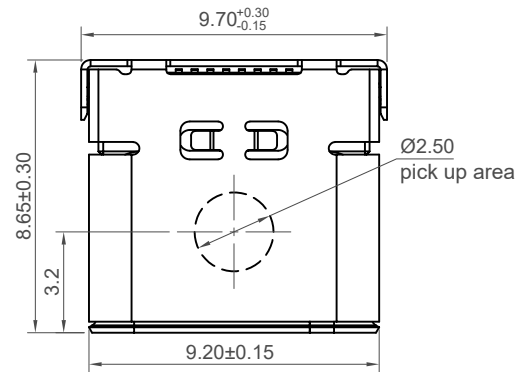
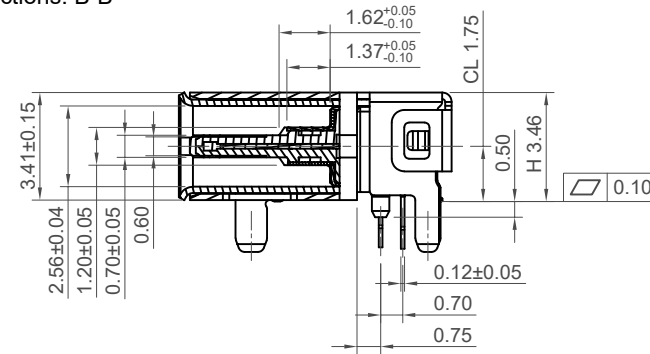
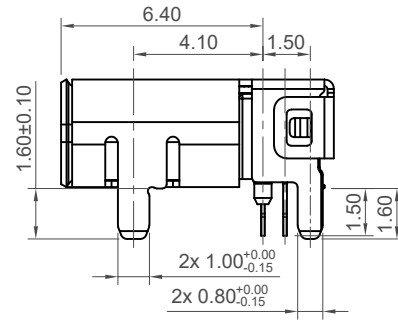
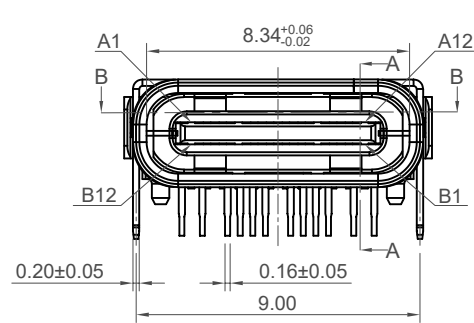
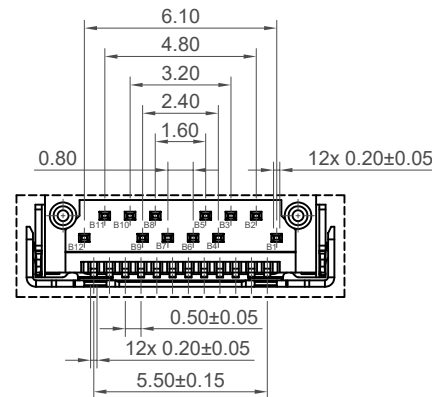
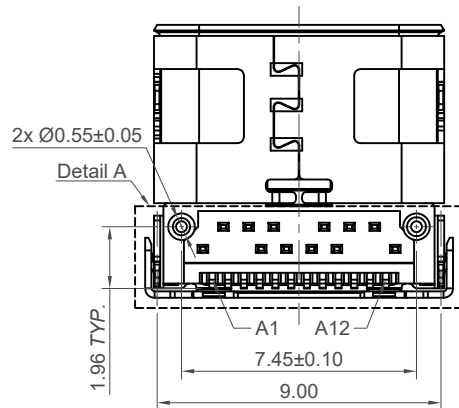


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A

Sections: B-B



Sections: A-A



Detail A

Ordering Grid

USB4230 - 03 - A [Request Samples and Quotation](#)Contact Plating
03 = 3μ" GoldPacking Options
A = Tape & Reel
(700pcs per reel)

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: 3μ" Au over 50μ" min. Nickel
Solder Tails: Matte Tin over 50μ" min. Nickel
Mid Plate: Clear
EMI Plate: Clear
Shell: 30μ" min. Nickel

Electrical

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

Voltage Rating: 48V DC

Power Rating: 240W

Contact Resistance: 40mΩ max initial.

50mΩ max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance 100MΩ min




Mechanical & Environmental

Operating Temperature: -25°C to 85°C

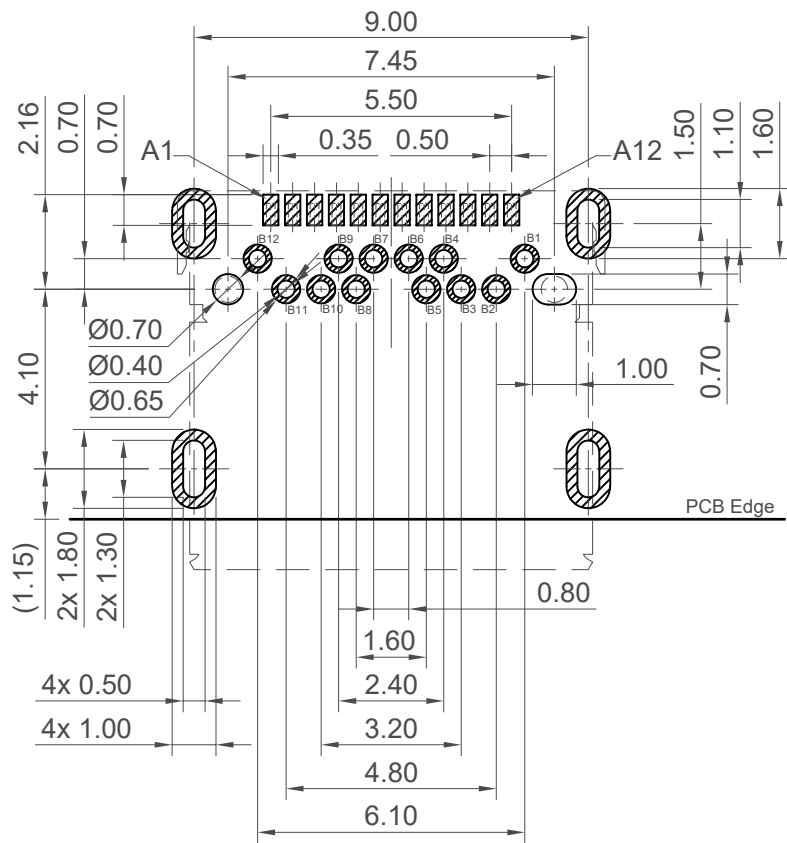
Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 20,000 cycles

Part Number USB4230			Product Description USB3.2 Gen2 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount						<div><div>C</div><div>This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE</div></div>			 www.gct.co	
Drawing Date 21st August 2024													
By Detail	KY Drawing Release	Tolerances (Except as Noted) Length X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.10		Units: Metric (mm)									
Revision Date	A 21/08/24			 3rd Angle Projection					Not to Scale		Drawn By KY	Sheet No. 1/3	

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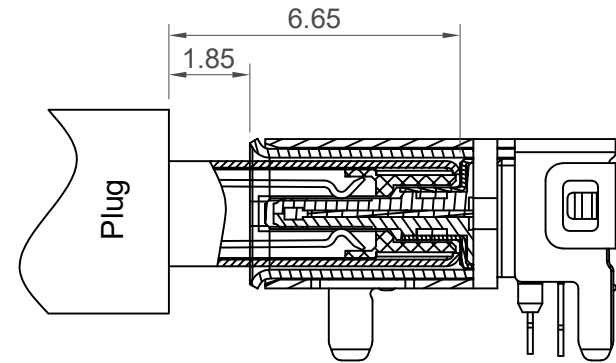
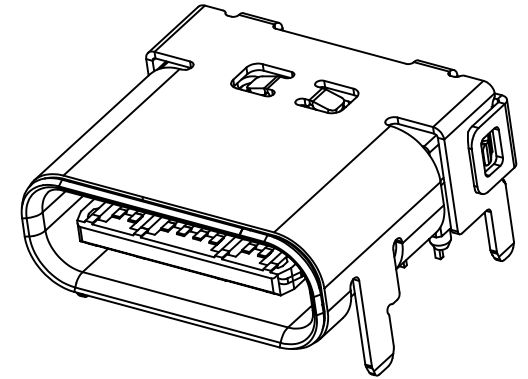
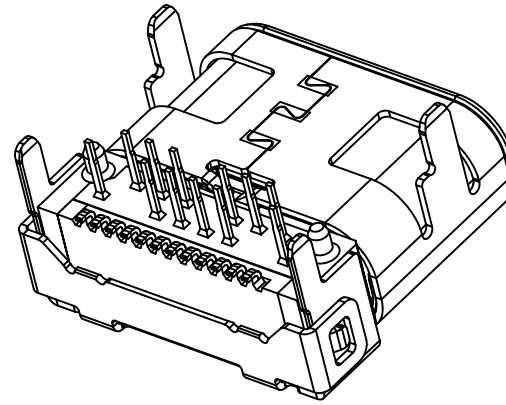


Recommended PCB Layout

As viewed from component side

Tolerance: $\pm 0.05\text{mm}$

Solder Area Component Outline

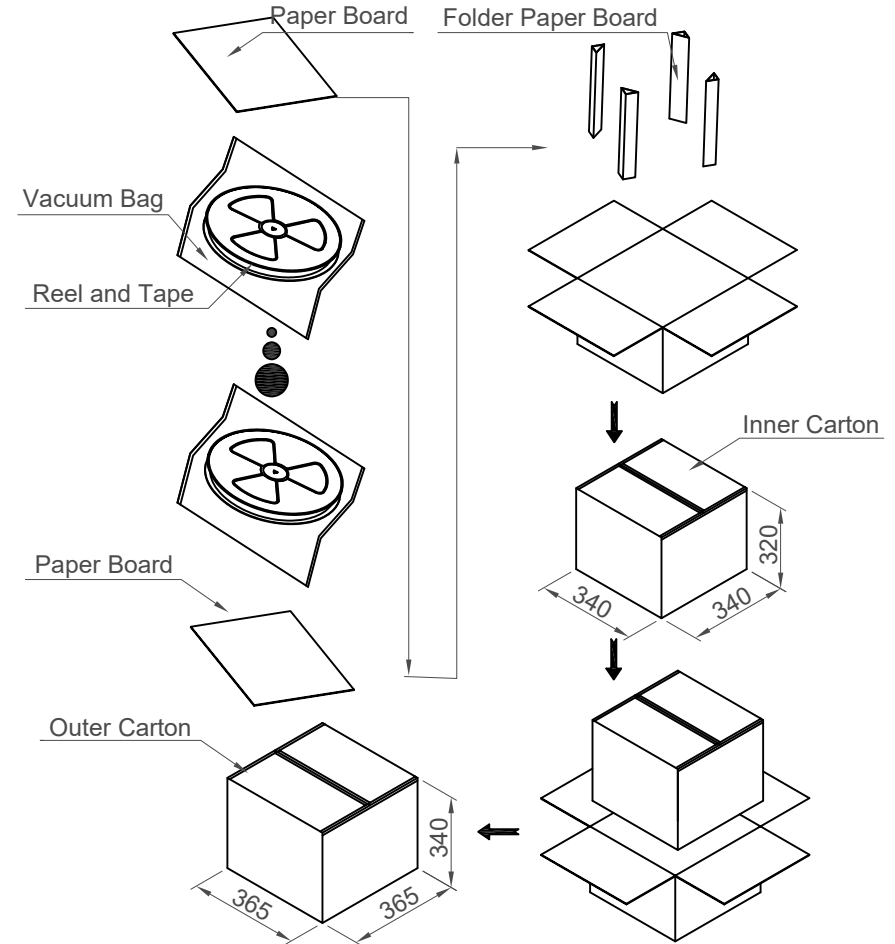
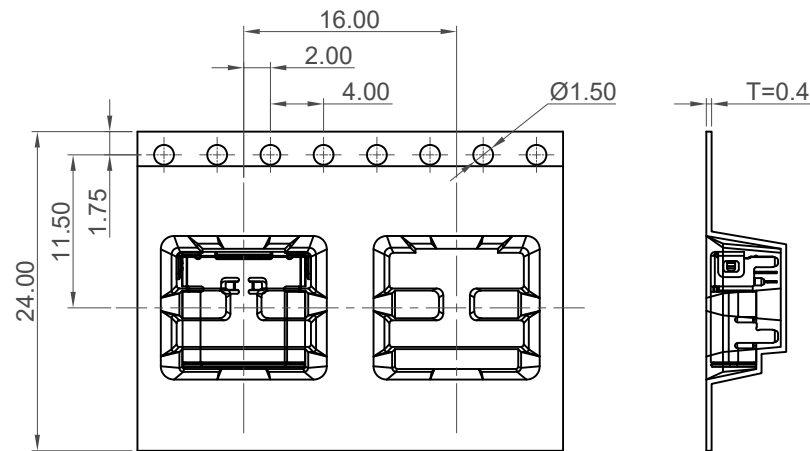
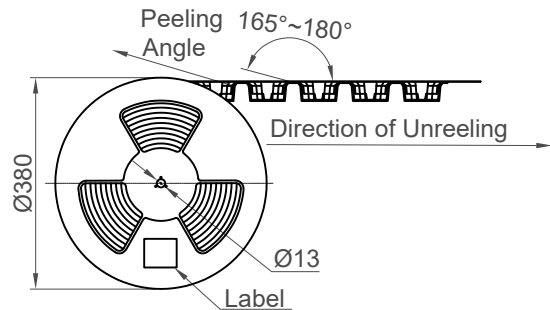
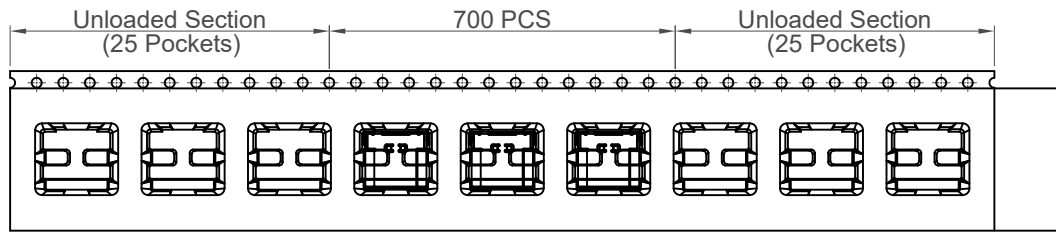


Mating View

Part Number		Product Description	
USB4230		USB3.2 Gen2 Type C Receptacle, Horizontal, Hybrid	
Drawing Date		Type, PCB Top Mount	
21st August 2024			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	21/08/24	X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.10	3rd Angle Projection
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
Not to Scale		Drawn By	Sheet No.
		KY	2/3

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Pcs / Reel	Reels / Carton	Total Quantity
700	10	7000 pcs

Part Number USB4230		Product Description USB3.2 Gen2 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount	
Drawing Date 21st August 2024			
By KY	Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Detail			
Revision A			
Date 21/08/24			



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Not to Scale	Drawn By KY	Sheet No. 3/3
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