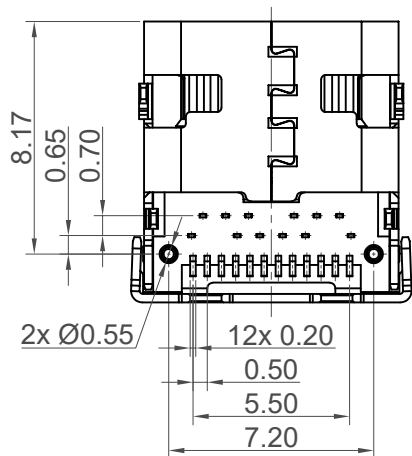
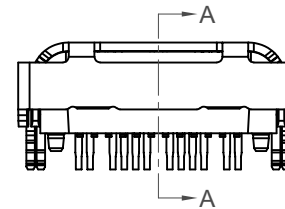
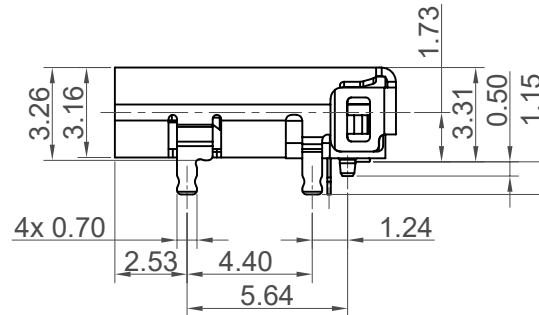
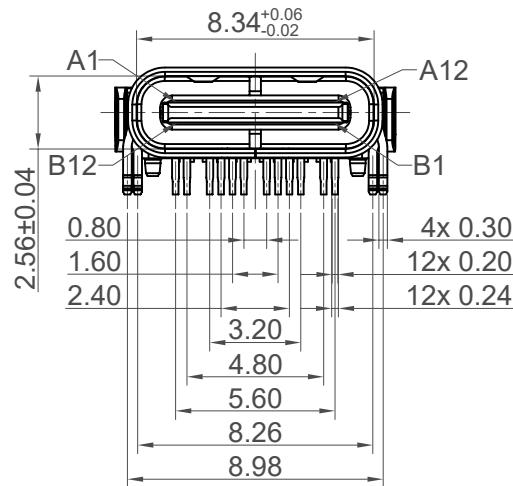
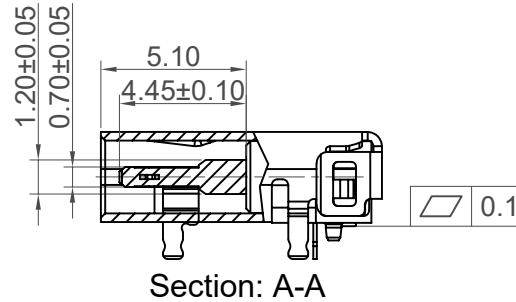
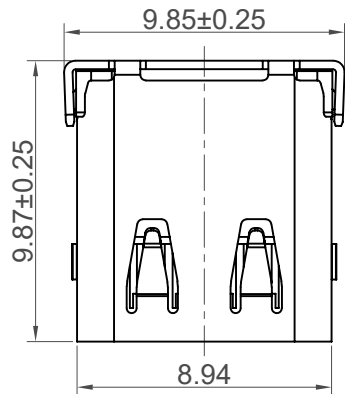


H
G
F
E
D
C
B
A



Ordering Grid

USB4240 - 03 - A [Request Samples and Quotation](#)

Contact Plating
03 = 3µ" Gold

Packing Options
A = Tape & Reel (1000 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

Terminal:

Contact Area: 3µ" Gold
Solder Tails: Gold Flash
Underplating: 50µ" min. Nickel
Shell: 30µ" min. Nickel
Mid Plate: Clear
EMI Plate: 30µ" min. Nickel

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: 40mΩ max initial.
50mΩ max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance 100MΩ min

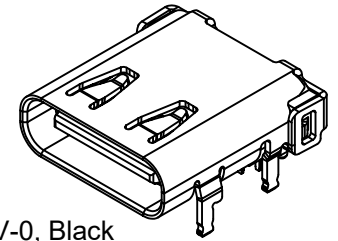
Mechanical & Environmental

Operating Temperature: -25°C to +85°C

Mating Force: 5 to 20 N.

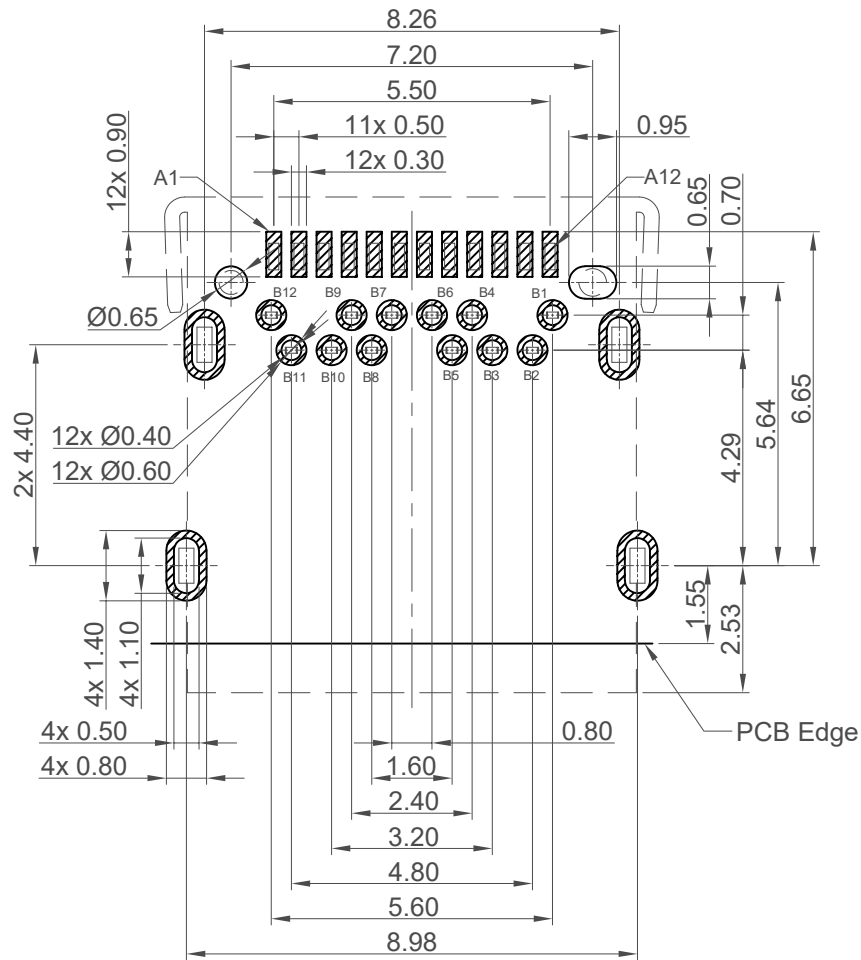
Unmated Force: 6 to 20 N after test

Durability: 20,000 cycles

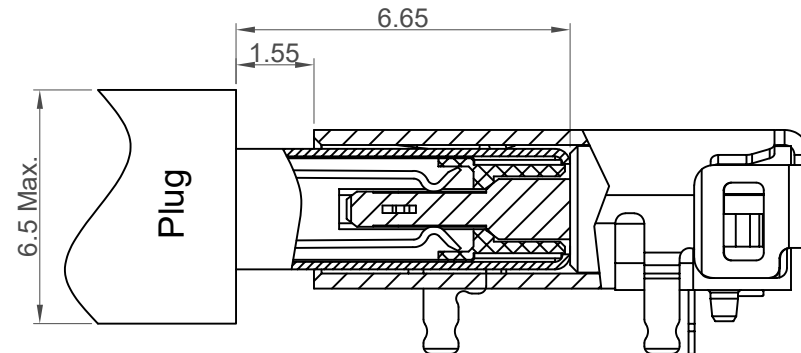


Part Number		Product Description	
USB4240		USB4 Gen 3 Type C Receptacle, Horizontal,	
Drawing Date		Hybrid Type, PCB Top Mount	
20th April 2026			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	3rd Angle Projection
Date	20/04/26	X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.10	± 3°
		RoHS COMPLIANT 2011/65/EU	
		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 KY
		Sheet No. 1/3	

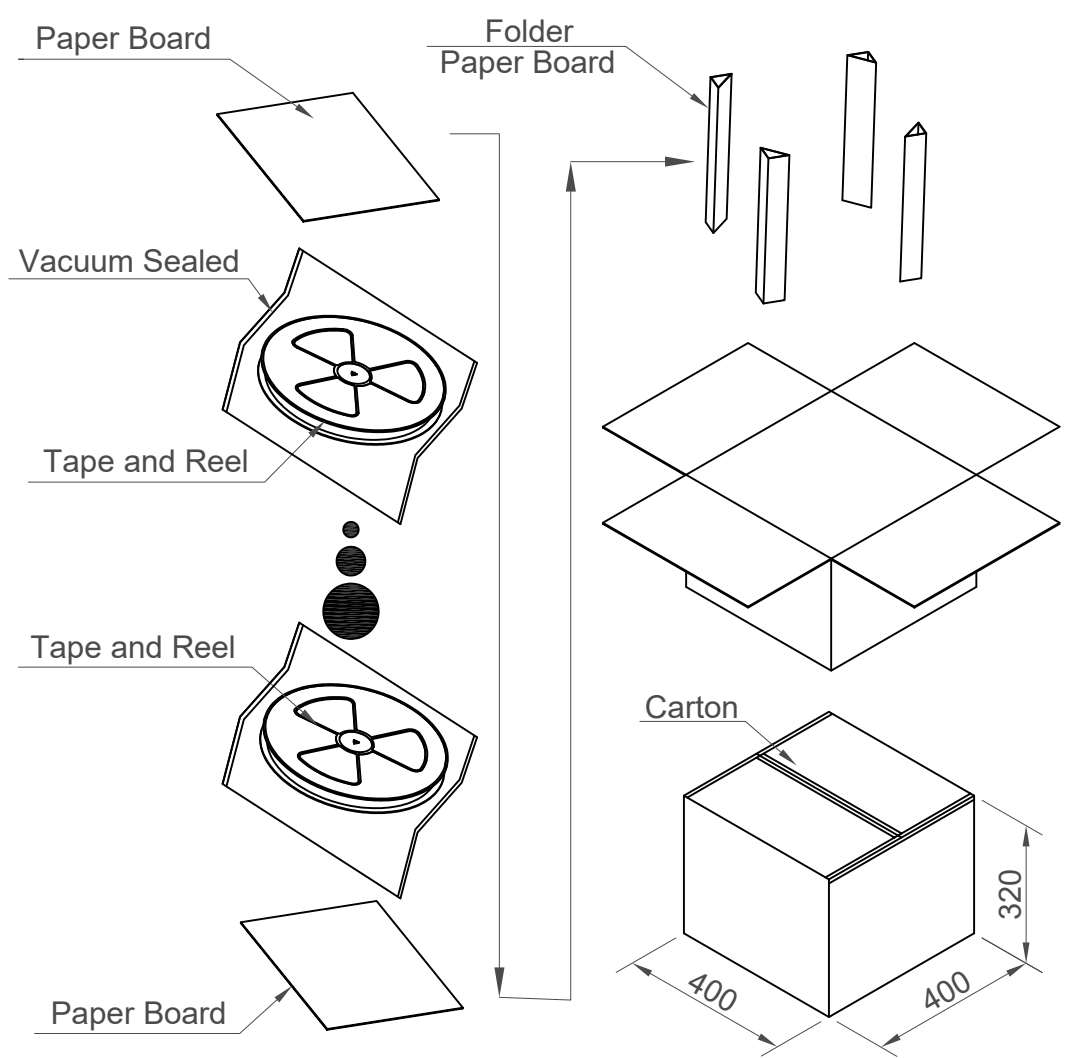
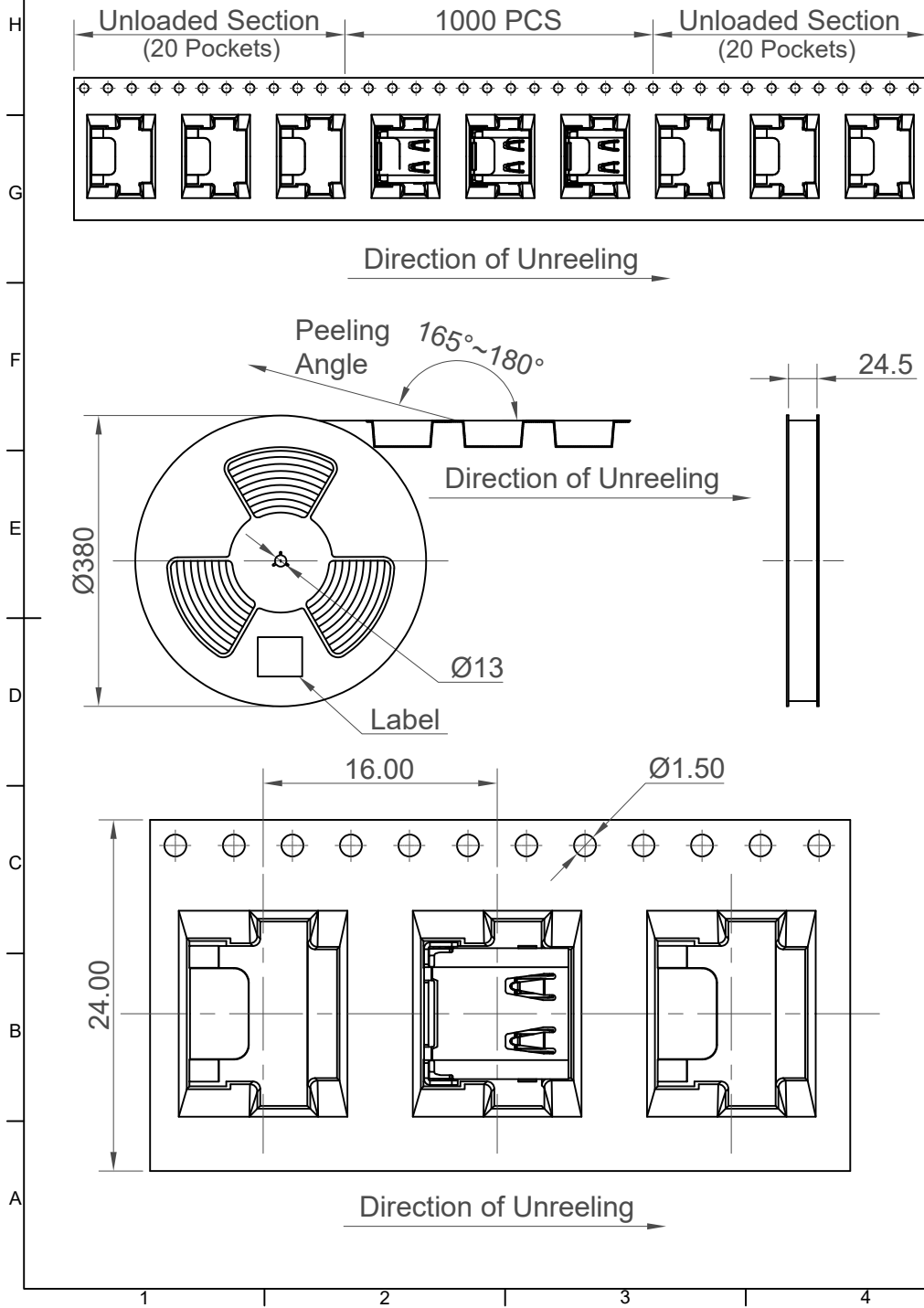
GCT
www.gct.co



Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
A2	TXp1	Second	B11	RXp1	Second
A3	TXn1	Second	B10	RXn1	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	RXn2	Second	B3	TXn2	Second
A11	RXp2	Second	B2	TXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND



Part Number USB4240			Product Description USB4 Gen 3 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount.		
Drawing Date 20th April 2026					
By KY	Drawing Release	Tolerances (Except as Noted)	Units: Metric (mm)	 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	
Detail		Length X.X $\pm$ 0.30 X.XX $\pm$ 0.25 X.XXX $\pm$ 0.10	Angle $\pm$ 3°		
Revision Date	A 20/04/26				
Not to Scale	Drawn By KY	Sheet No. 2/3		 www.gct.co	



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

Part Number		Product Description	
USB4240		USB4 Gen 3 Type C Receptacle, Horizontal, Hybrid Type, PCB Top Mount.	
Drawing Date			
20th April 2025			
By	KY	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length	Angle
Revision	A	-	-
Date	20/04/26	-	-

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

GCT
www.gct.co

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