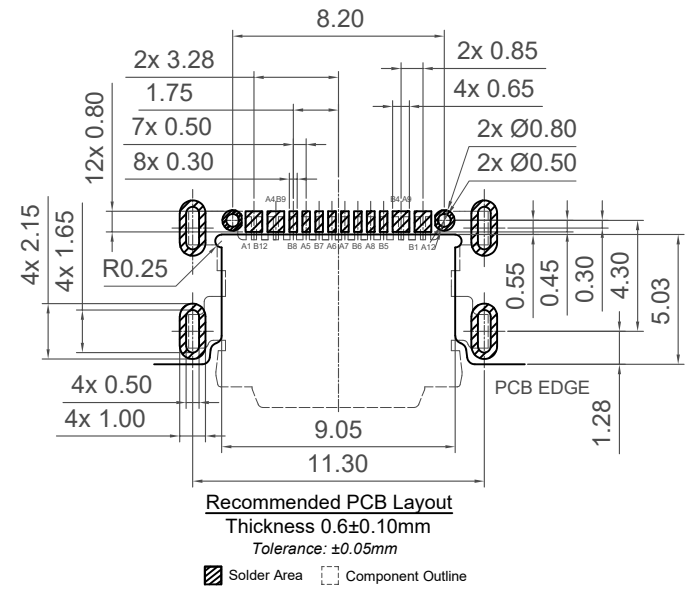
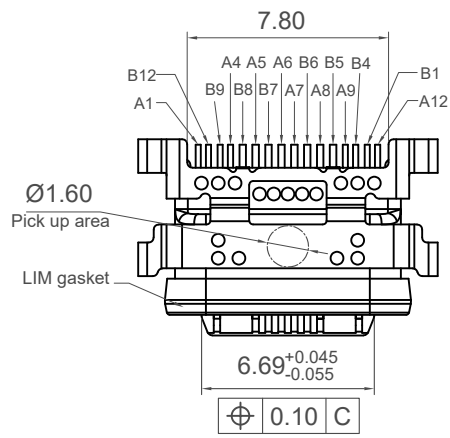
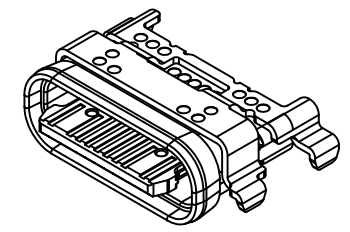


H
G
F
E
D
C
B
A



Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
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
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



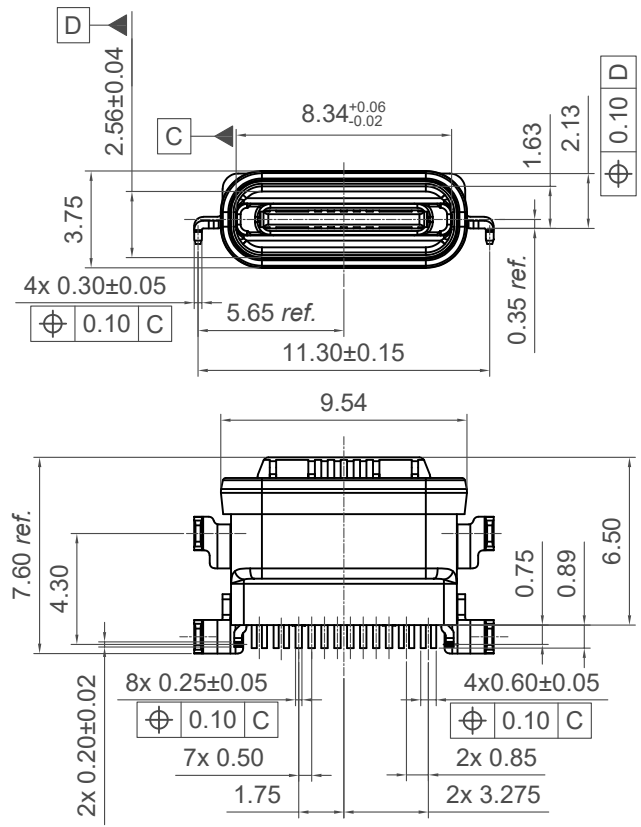
Specifications

Material
Insulator: PA9T, UL 94V-0, Black
Contact: Copper Alloy
Shell: Stainless Steel
Mid Plate: Stainless Steel
EMI Plate: Stainless Steel
Gasket: Silicone Rubber, Shore Hardness 60A

Plating
Contact
Contact Area: 3µ" Gold
Solder Tails: Gold Flash
Underplating: 50µ" min. Nickel
Shell:
Solder Tails: Gold Flash
Underplating: 50µ" min. Nickel
Mid Plate: 50µ" min. Nickel
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 others 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

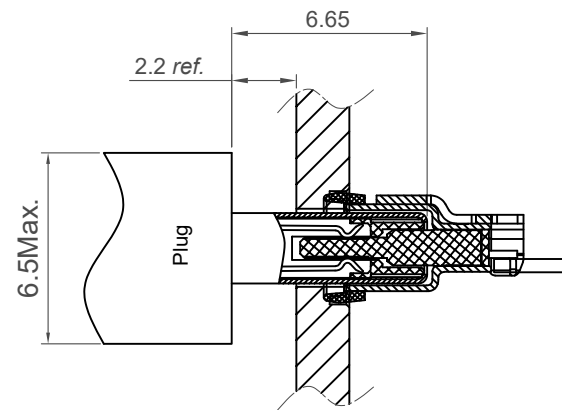
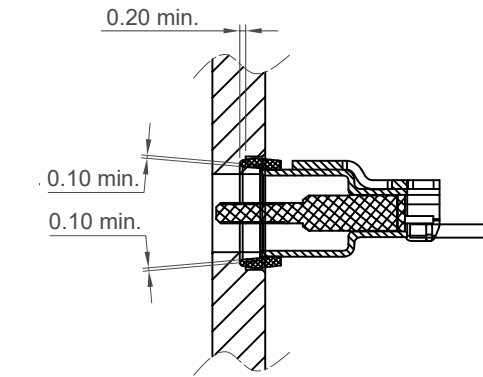
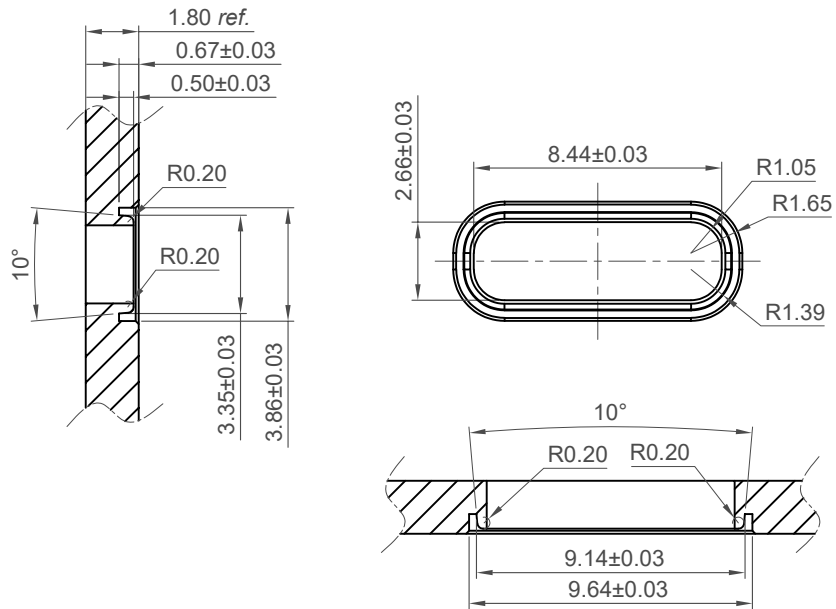
Mechanical & Environmental
Operating Temperature: -30°C to +85°C
Mating Force: 5 to 20 N
Unmated Force: 6 to 20 N after test
Durability: 20,000 cycles
Ingress Protection Rating: IP67



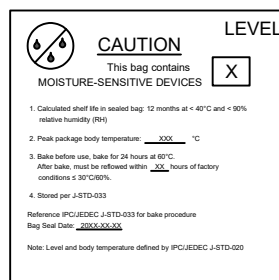
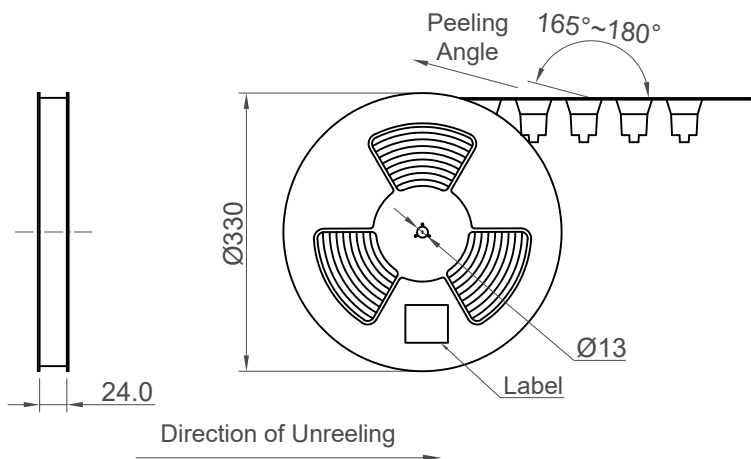
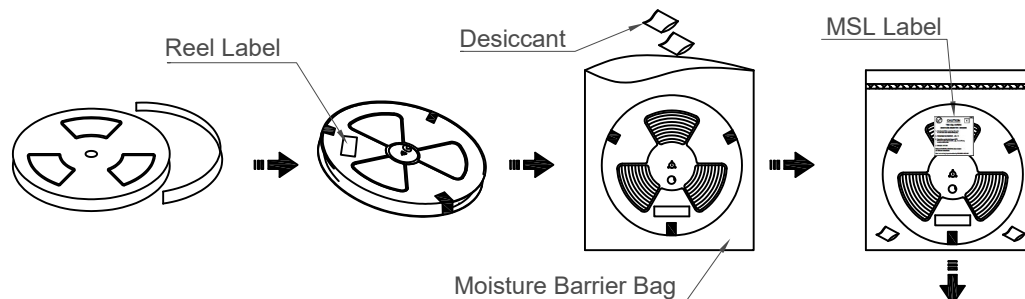
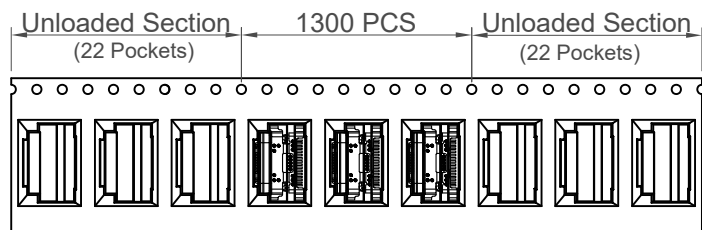
Ordering Grid
USB4720 - **03** - **A** **Request Samples and Quotation**
Contact Plating
03 = 3µ" Gold
Packing Options
A = Tape & Reel
(1300 per reel)

Part Number		Product Description	
USB4720		Type C Receptacle For USB2.0, SMT Type, Mid-Mount	
Drawing Date		Horizontal, IP67, 16 Pin	
26th October 2023			
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB4720	Length	Metric (mm)
Revision	B PCN	Angle	
Date	02/01/25	X.X ± 0.20	
		X.XX ± 0.15	
		X.XXX ± 0.10	
			3rd Angle Projection
			RoHS COMPLIANT 2011/05/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 CC
			Sheet No. 1/3

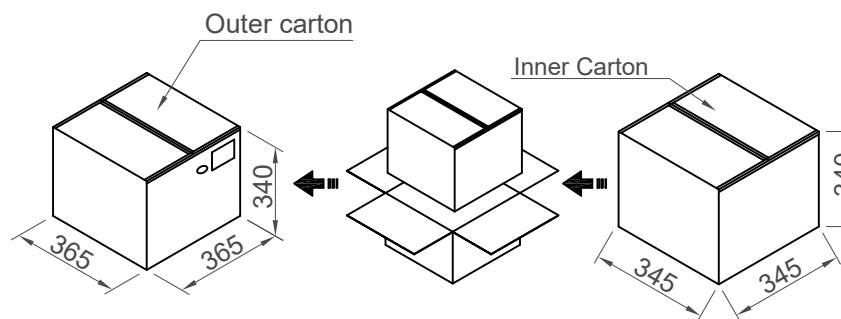
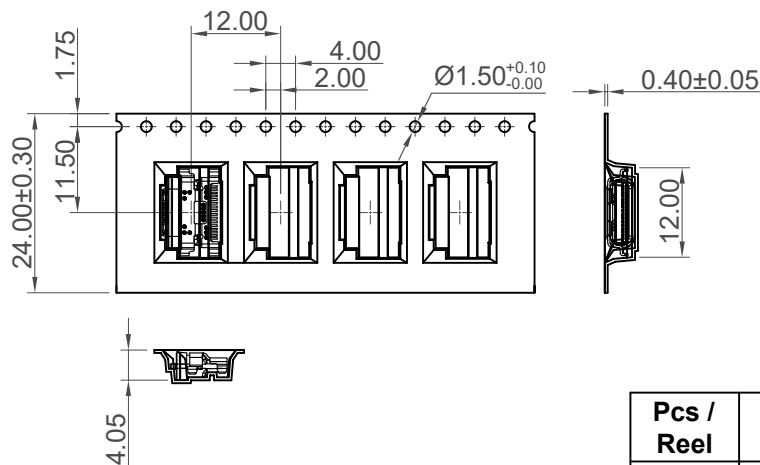
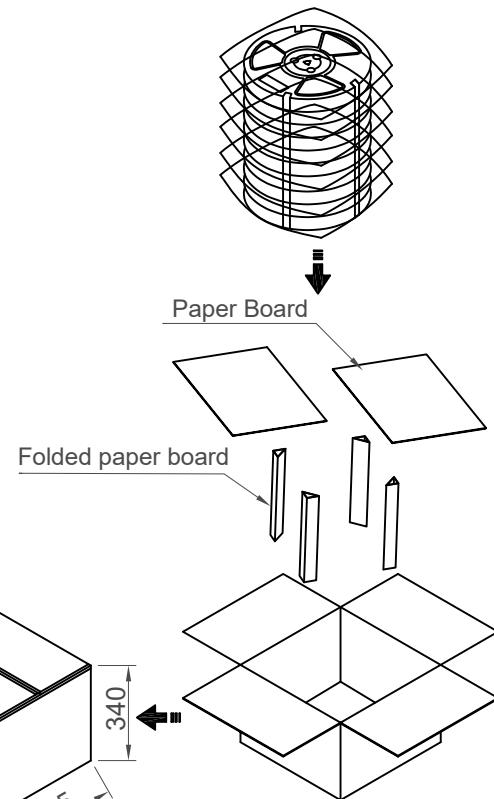




Part Number		Product Description	
USB4720		Type C Receptacle For USB2.0, SMT Type, Mid-Mount	
Drawing Date		Horizontal, IP67, 16 Pin	
26th October 2023			
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB4720 B PCN	Length X.X $\pm$ 0.20	Metric (mm)
Revision	B	Angle X.XX $\pm$ 0.15	
Date	02/01/25	X.XXX $\pm$ 0.10	
		3rd Angle Projection	
		RoHS COMPLIANT 2011/05/EU	
		Deca-SIDE	
		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 CC
		Sheet No. 2/3	



MSL Label



Pcs / Reel	Reels / Carton	Total Quantity
1300	10	13,000 pcs

Part Number USB4720		Product Description Type C Receptacle For USB2.0, SMT Type, Mid-Mount Horizontal, IP67, 16 Pin	
Drawing Date 26th October 2023			
By CC	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)	
Detail USB4720 B PCN	X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.10		
Revision B			
Date 02/01/25			



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