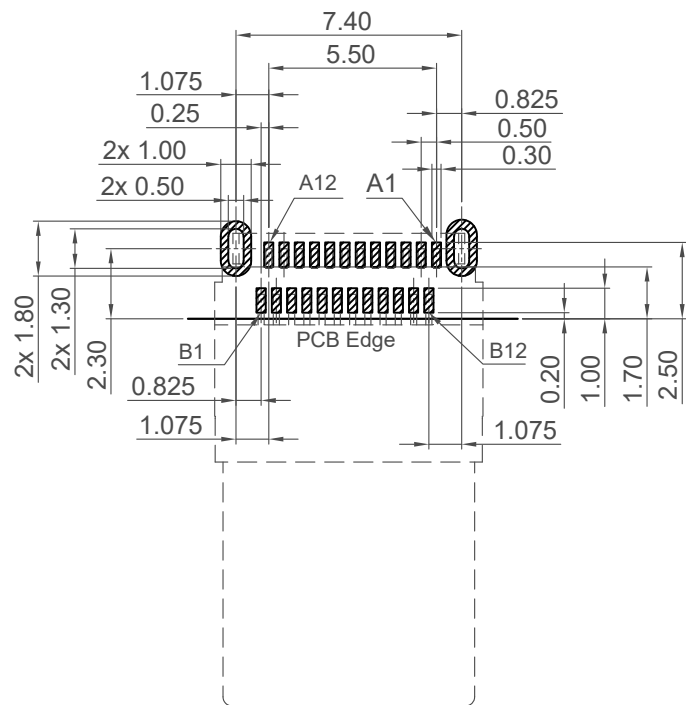




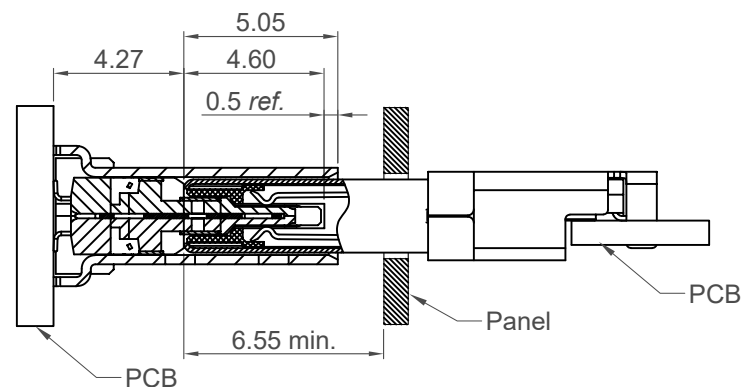
Recommended PCB Layout
Thickness 0.8 to 1.0 mm
Tolerance: $\pm 0.05\text{mm}$

■ Solder Area □ Component Outline

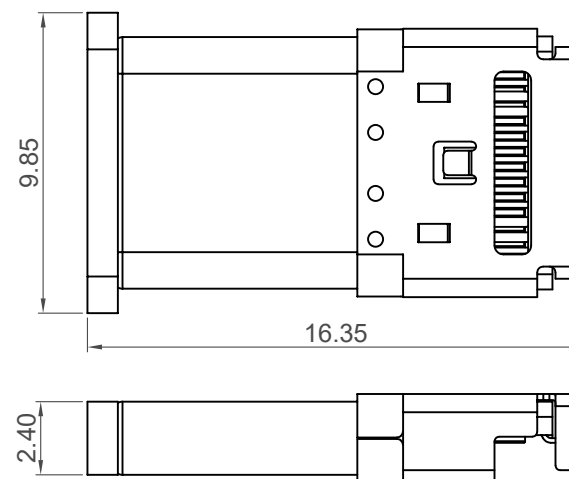
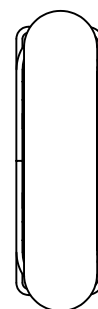
Pin	Signal	Description
A1	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair
A4	V _{BUS}	Bus Power
A5	CC1	Configuration Channel
A6	Dp1	Positive half of the USB 2.0 differential pair - Position 1
A7	Dn1	Negative half of the USB 2.0 differential pair - Position 1
A8	SBU1	Sideband Use (SBU)
A9	V _{BUS}	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair
A12	GND	Ground return
SHELL		GND

Pin	Signal	Description
B12	GND	Ground return
B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
B9	V _{BUS}	Bus Power
B8	SBU2	Sideband Use (SBU)
B7	Dn2	Negative half of the USB 2.0 differential pair - Position 2
B6	Dp2	Positive half of the USB 2.0 differential pair - Position 2
B5	CC2	Configuration Channel
B4	V _{BUS}	Bus Power
B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
B1	GND	Ground return
SHELL		GND

USB4115
(Receptacle)



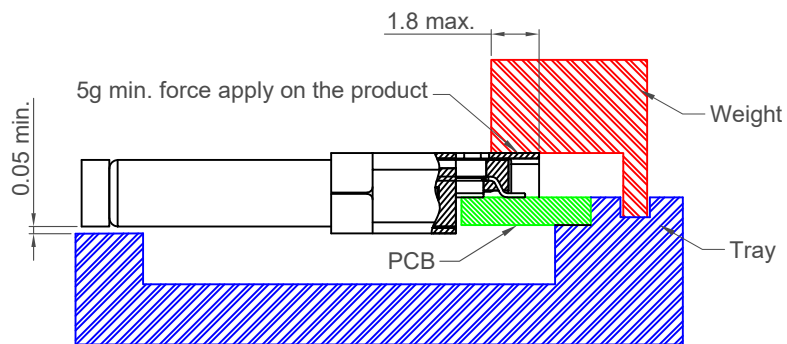
Plug and Receptacle Mating View



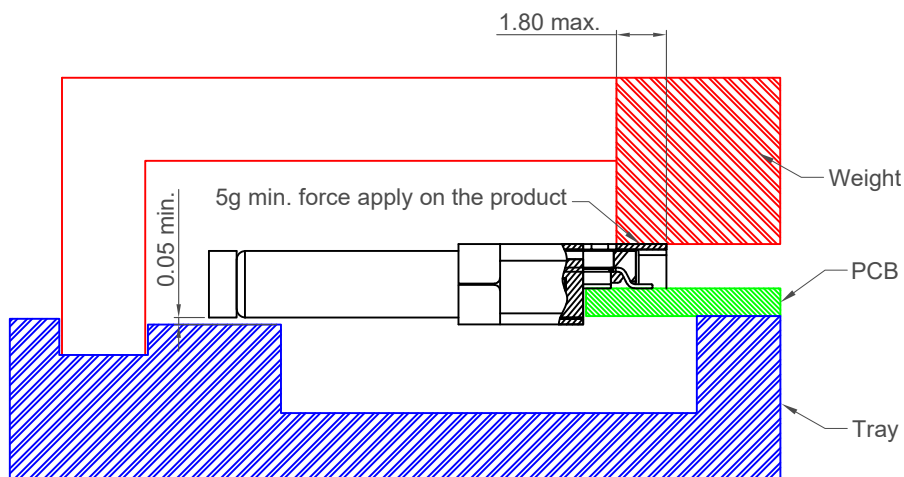
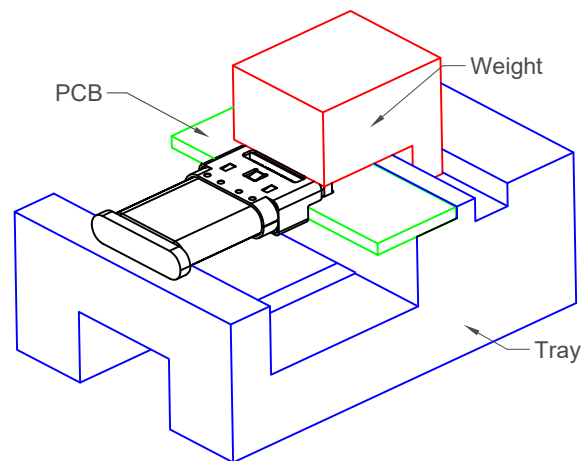
Cap Information

Part Number		Product Description				 www.gct.co
USB4155		USB3.2 Gen2 Type C Plug, Horizontal, SMT				
Drawing Date						
12th April 2021						
By	KY	Tolerances (Except as Noted)		Units:	 Deca-SIDE  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	
Detail	Drawing Release	Length	Angle	Metric (mm)		
		X.X ± 0.30				
Revision	A3	X.XX ± 0.25	-			
Date	12/12/24	X.XXX ± 0.10				
					Not to Scale Drawn By CC	Sheet No. 2/4

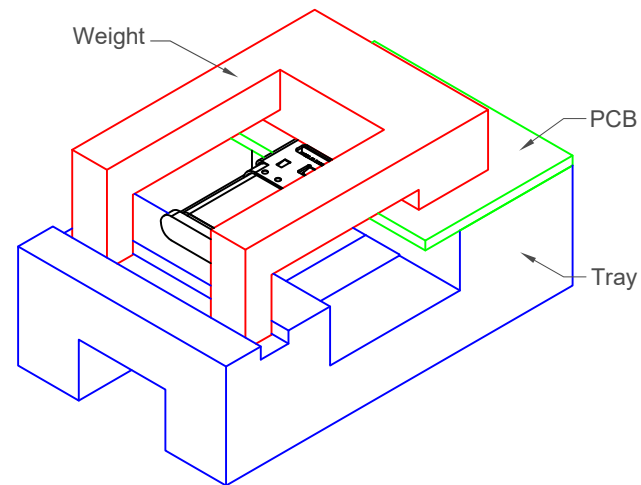
GCT
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Proposal 1: Recommended Jig(Tray, Weight) be used in IR Reflow Process

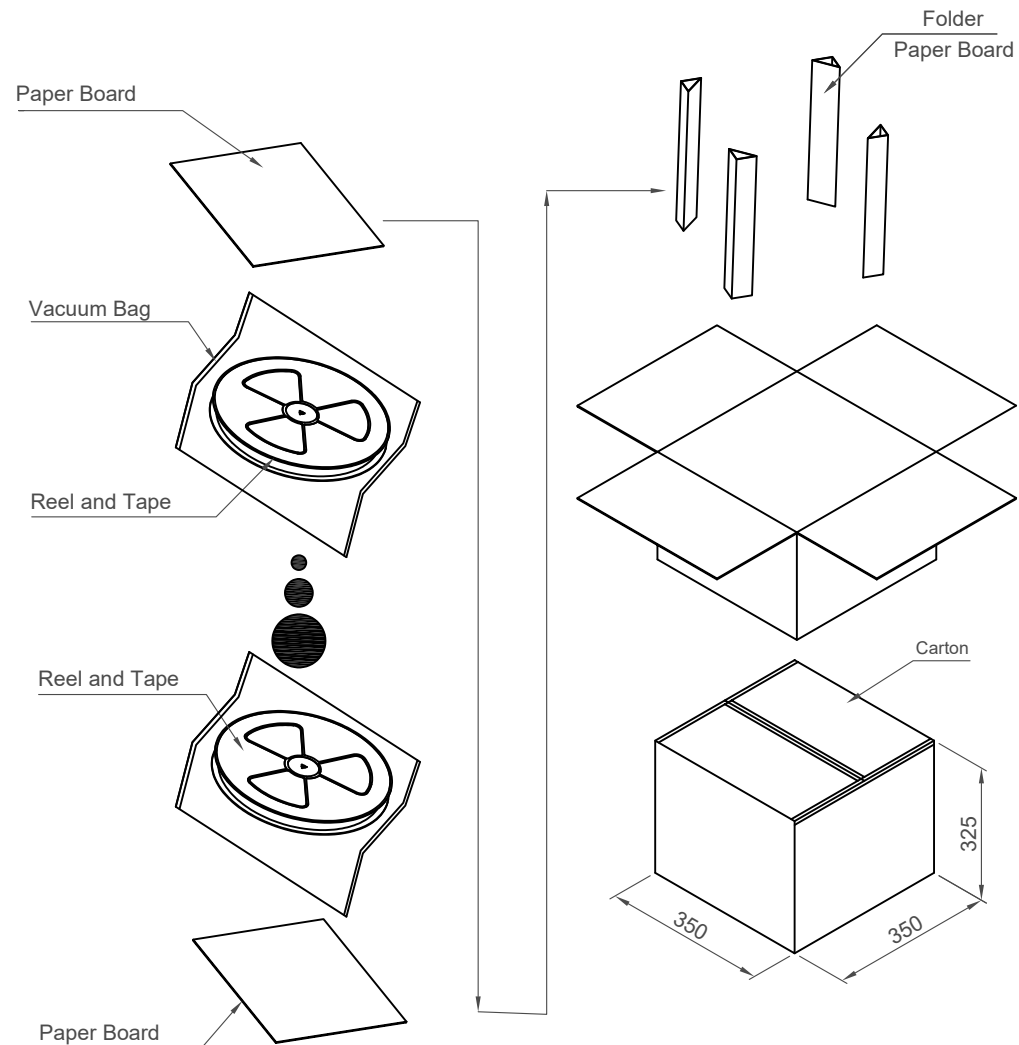
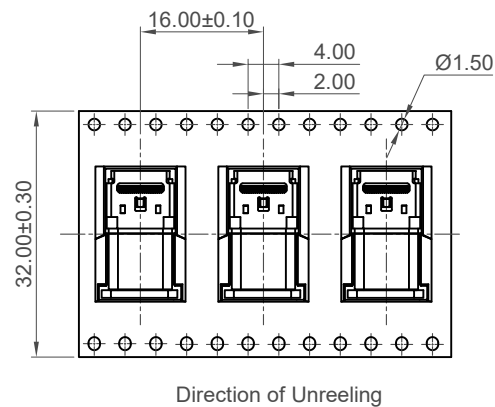
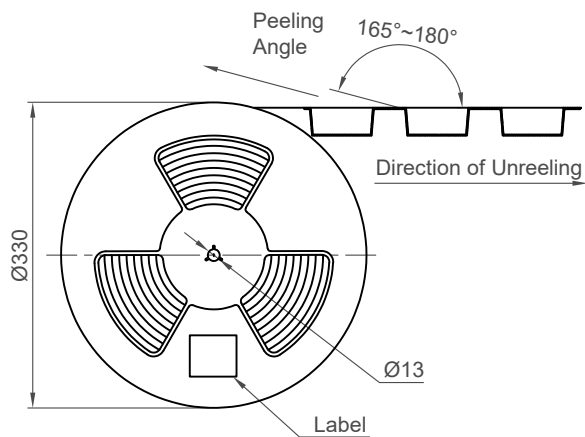
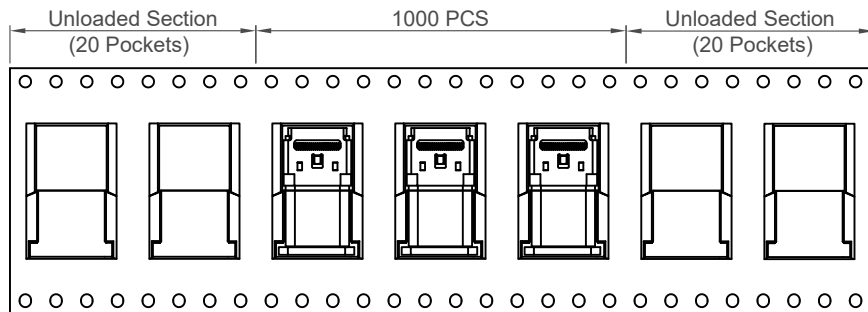


Proposal 2: Recommended Jig(Tray, Weight) be used in IR Reflow Process



Part Number		Product Description	
USB4155		USB3.2 Gen2 Type C Plug, Horizontal, SMT	
Drawing Date			
12th April 2021			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A3	Angle	
Date	12/12/24	X.X ± 0.30	
		X.XX ± 0.25	
		X.XXX ± 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. 3/4	

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Pcs / Reel	Reels / Carton	Total Quantity
1000	8	8,000 pcs

Part Number		Product Description	
USB4155		USB3.2 Gen2 Type C Plug, Horizontal, SMT	
Drawing Date			
12th April 2021			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A3	X.X ± 0.30	
Date	12/12/24	X.XX ± 0.25	
		X.XXX ± 0.10	



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Not to Scale
Drawn By CC
Sheet No. 4/4