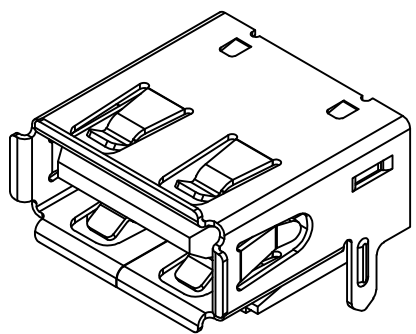
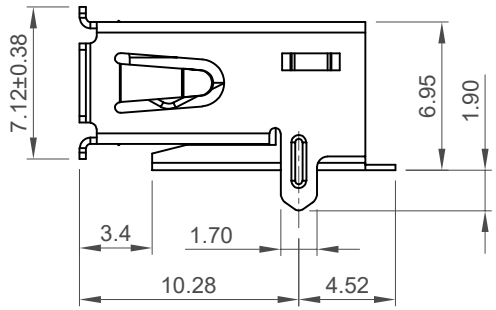


**Recommended PCB Layout (Top View)**  
 T=1.6mm (General Tolerances: ±0.05mm)  
 ▨ Solder Area □ Component Outline



**Specifications**

**Materials & Plating**  
 Plastic Housing: LCP, UL94V-0, Black  
 Contact Terminal: Copper Alloy  
 Metallic Shell: SPCC

**Plating:**  
 Underplating: 50µ" Nickel  
 Contact Area: Gold Flash  
 Solder Tails: 50µ" Tin  
 Metallic Shel: Nickel

**Electrical:**  
 Voltage Rating: 30V  
 Current Rating: 1.5A  
 Operating Temperature: -40°C to +85°C  
 Contact Resistance: 30 mΩ max.  
 Insulating Resistance: 1000 MΩ min.  
 Dielectric Withstand Voltage: 500V AC

**Mechanical:**  
 Mating Force: 35N (3.57Kgf) max.  
 Unmating Force: 10N (1.02Kgf) min.  
 Durability: 1,500 Cycles

**Ordering Grid**

USB1046 - GF - 0190 - L - B - X [Request Samples and Quotation](#)

GF = Gold Flash  
 0190 = Shell Stake Length (1.9mm)  
 L = LCP (Insulator Material)  
 B = Black (Insulator Colour)  
 X = Tray (Packing Options) (260 per reel)

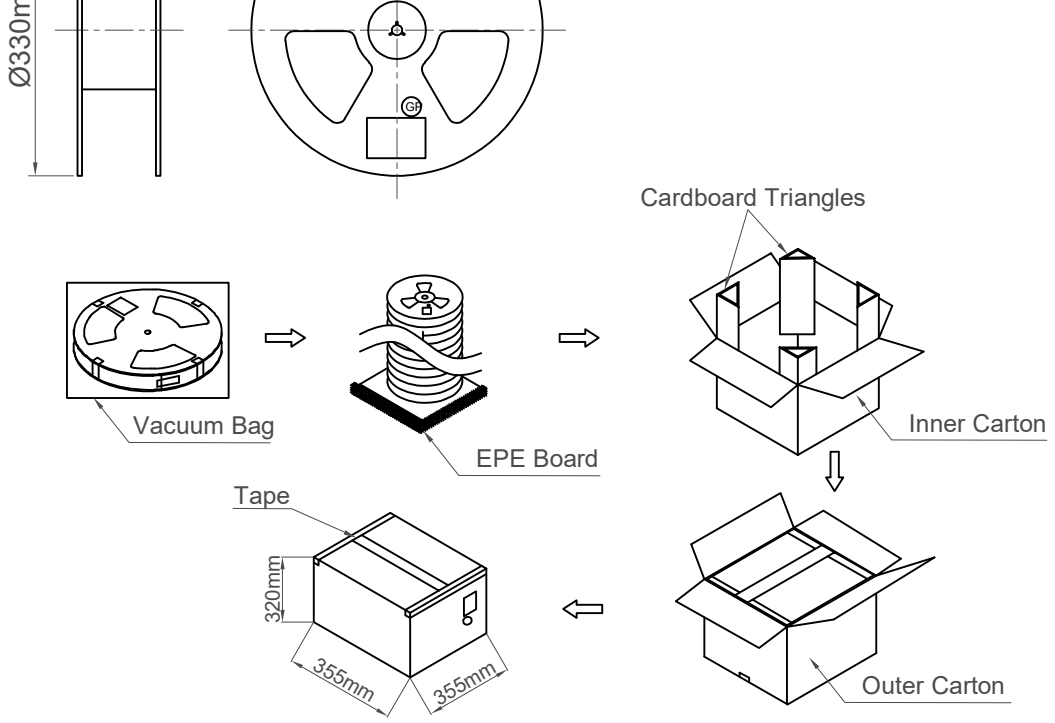
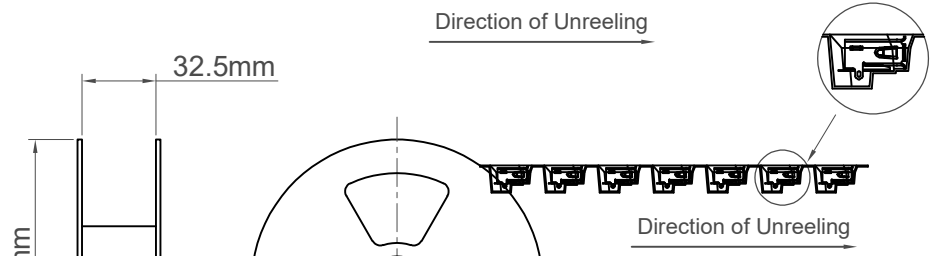
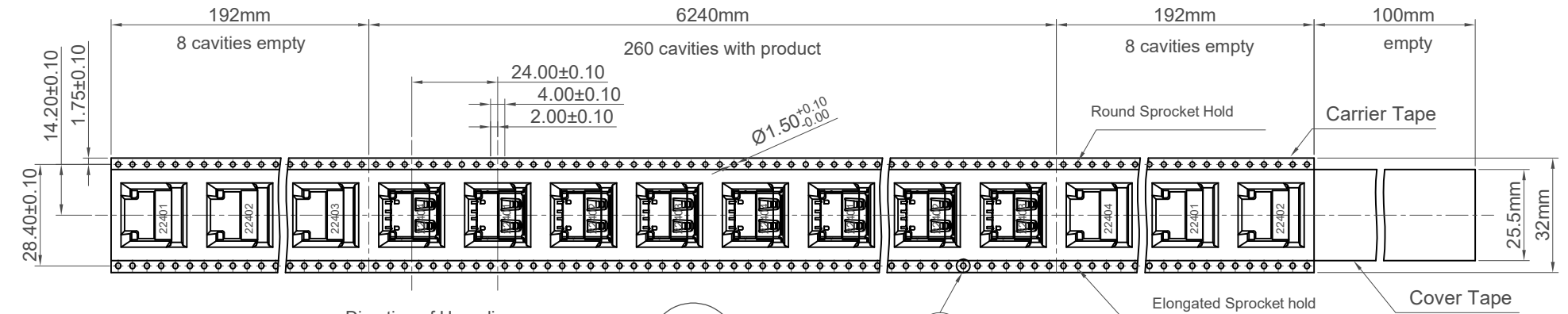
Part Number		Product Description	
USB1046		USB Receptacle, Type A, 4 Pin, Surface Mount, Horizontal, Top Mount, with Shell Stakes	
Drawing Date		8th September 2014	
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB1046	Length	Metric (mm)
Revision	B PCN	X.X ± 0.35	X° ± 3°
Date	B5	X.XX ± 0.25	X.X° ± 1.5°
	15/07/25		



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 AJO	Sheet No. 1/2
--------------	--------------	---------------



Part Number	Specification	Q'ty
Carrier Tape	32.0mm (W) x 6.624m (L)	8
Cover Tape	25.5mm (W) x 6.724m(L)	8
Reel	Ø330 x 32.5mm	8
Vacuum Bag	PE	8
Cardboard Triangles	260 x 245x 5mm	4
Inner Carton	340 x 340 x 300mm	1
Outer Carton	355 x 355 x 320mm	1
EPE Board	350 x 350 x 10mm	1

Part Number	Pcs./Reel	Reels/Carton	Pcs./Carton
USB1046	260	8	2080

Part Number USB1046		Product Description USB Receptacle, Type A, 4 Pin, Surface Mount, Horizontal, Top Mount, with Shell Stakes	
Drawing Date 8th September 2014			
By CC	Tolerances (Except as Noted) Length	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 USB1046 B PCN	Angle	 3rd Angle Projection	
Revision B5			
Date 15/07/25			

**GCT**  
www.gct.co

Not to Scale	Drawn By AJO	Sheet No. 2/2
--------------	-----------------	------------------