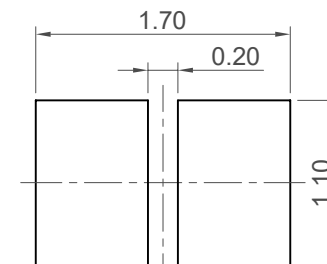


Recommended PCB Layout

Tolerance: ± 0.05

▨ Solder Area ▭ Component Outline

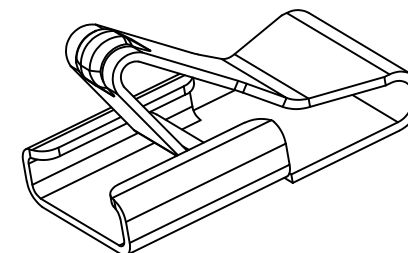


Recommended SMT Stencil

Hole Dimensions

Tolerance: ± 0.05

Thickness = 0.08



Specifications

Material

Stainless Steel, T=0.06mm

Plating

Contact Area: 10 μ " min. Gold

Soldering Area: Gold Flash

Underplating: 50 μ " - 150 μ " Nickel

Electrical

Current Rating: 1.5 Amp

Contact Resistance: Initial: 50m Ω max.

Final: 75m Ω max.

Mechanical & Environmental

Working Range: 0.50mm to 0.80mm

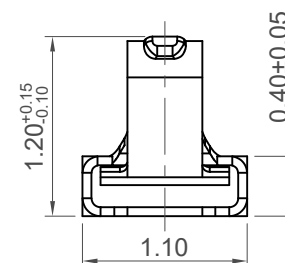
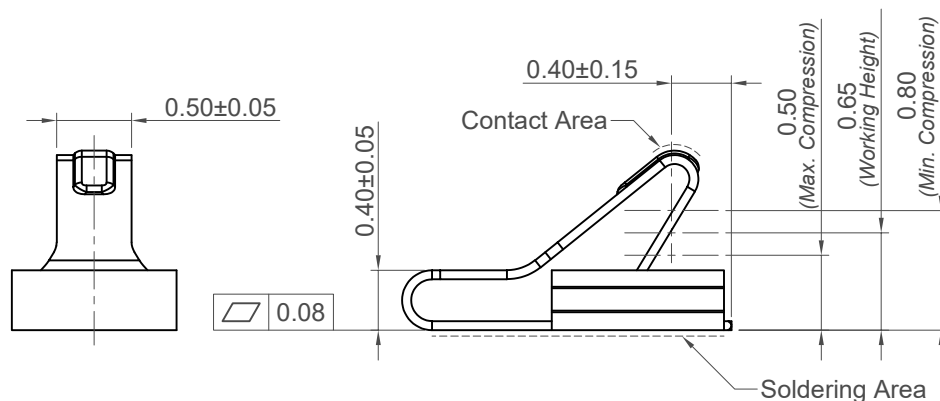
Normal Force:

0.65N min. (0.65mm working height)

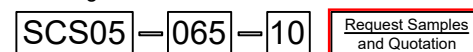
Durability: 1500 cycles

Operating Temperature: -40°C to +85°C

Packing: T&R (10000pcs per reel)

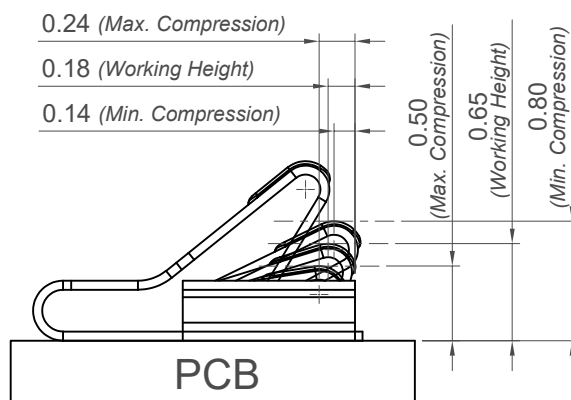
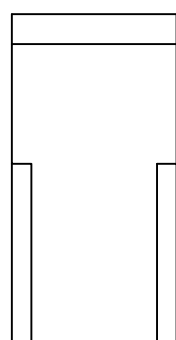


Ordering Grid






Working Height
065 = 0.65mm

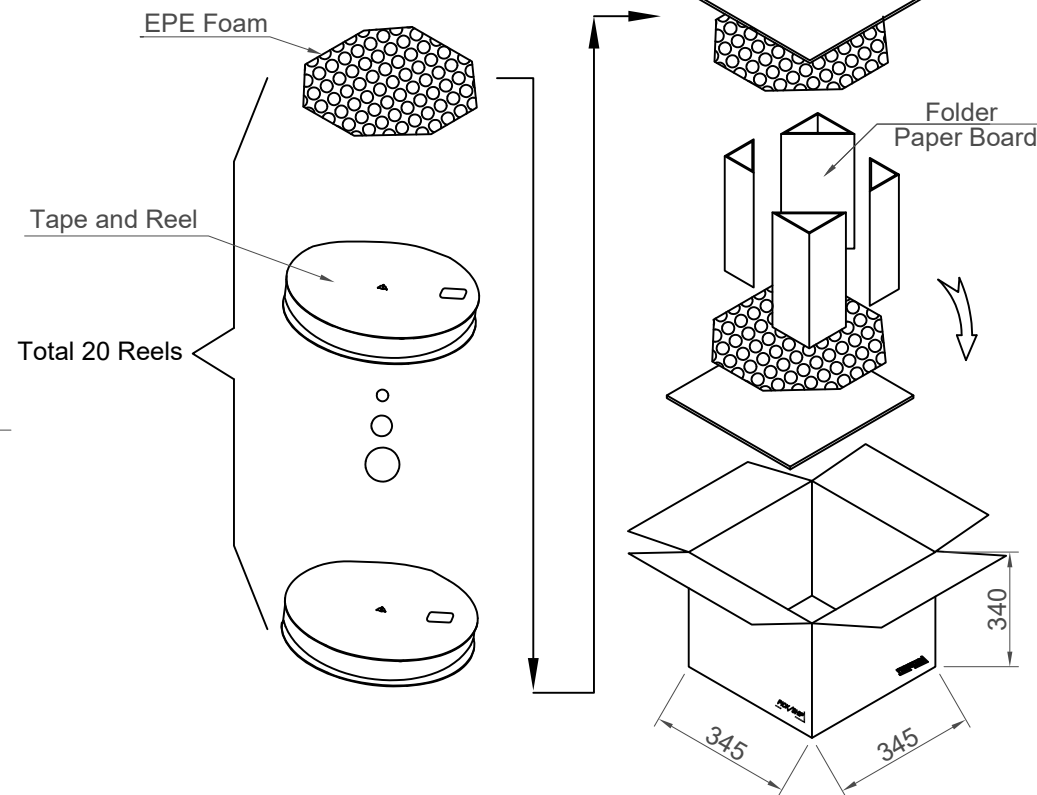
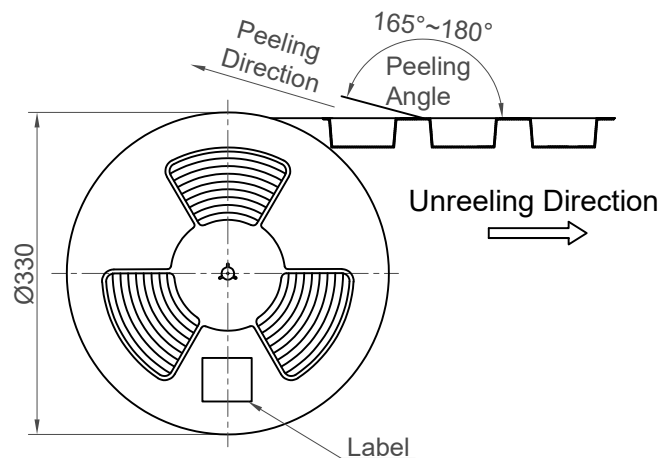
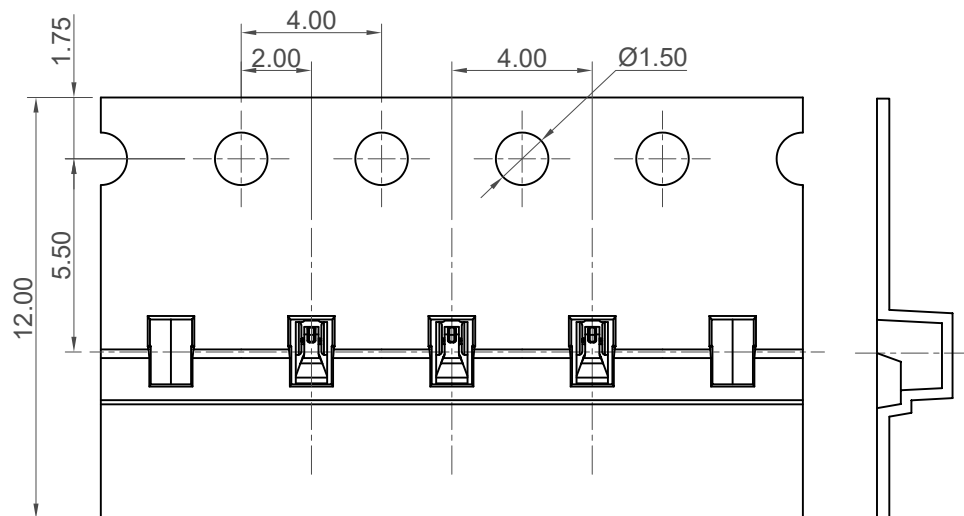
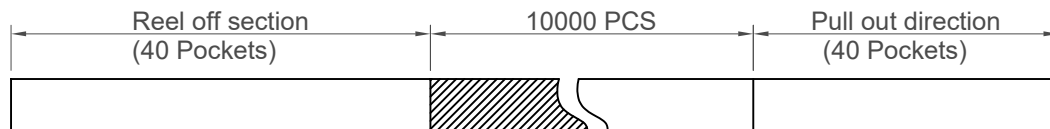
Contact Plating
10 = 10u" Gold On Contact Area








State at working height
Reference only

Part Number SCS05-065-10			Product Description Spring Contact Terminal, H=1.20mm, Drawing Date SMT, Stainless Steel			
13th December 2024						
By KY	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 Drawing Release	Length X ± 0.5 X.X ± 0.20 X.XX ± 0.15 X.XXX ± 0.005		Angle X° $\pm 2^\circ$ X.X° $\pm 1^\circ$			
Revision A						
Date 13/12/24						
			Not to Scale		Drawn By KY	Sheet No. 1/2

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Pcs / Reel	Reels / Carton	Total Quantity
10000	20	200000 pcs

Part Number		Product Description				 www.gct.co		
SCS05-065-10		Spring Contact Terminal, H=1.20mm, SMT, Stainless Steel						
Drawing Date								
13th December 2024								
By	KY	Tolerances (Except as Noted)		Units:	<p>This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT).</p> <p>This drawing must not be copied or disclosed without written consent. E & OE</p>			
Detail	Drawing Release	Length	Angle	Metric (mm)				
Revision	A	-	-					
Date	13/12/24			3rd Angle Projection				
								
								
						Not to Scale	Drawn By KY	Sheet No. 2/2

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