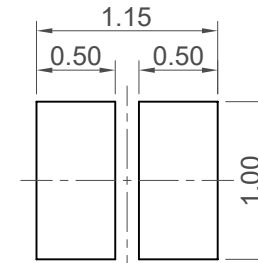


Recommended PCB Layout

Tolerance: ± 0.05

▨ Solder Area □ Component Outline

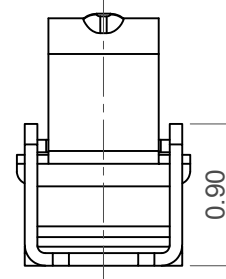
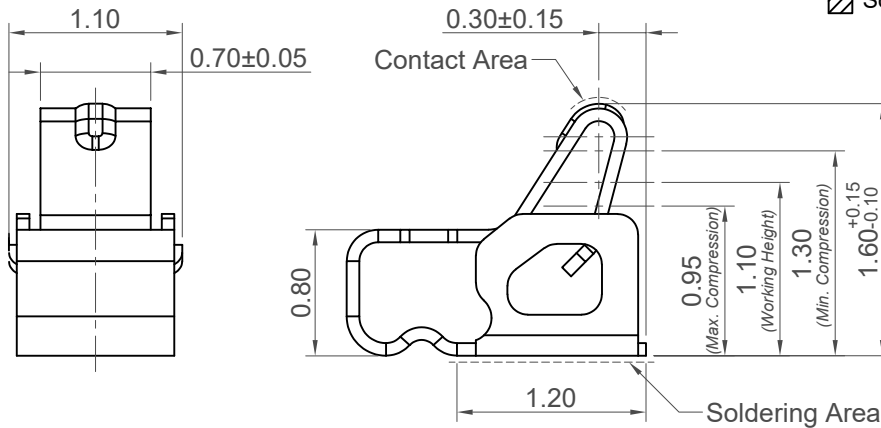
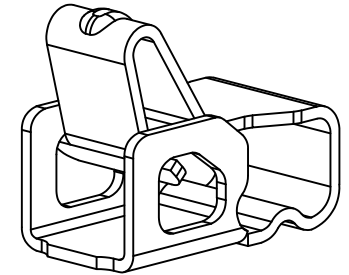


Recommended SMT Stencil

Hole Dimensions

Tolerance: ± 0.05

Thickness = 0.08



Specifications

Material

Stainless Steel, T=0.08mm

Plating

Contact Area: 10μ" min. Gold

Soldering Area: Gold Flash

Underplating: 50μ" - 120μ" Nickel

Electrical

Current Rating: 0.5 Amp

Contact Resistance: Initial: 50mΩ max.

Final: 75mΩ max.

Mechanical & Environmental

Working Range: 0.90mm to 1.30mm

Normal Force:

0.80N min.(1.10mm working height)

Durability: 1000 cycles

Operating Temperature: -40°C to +85°C

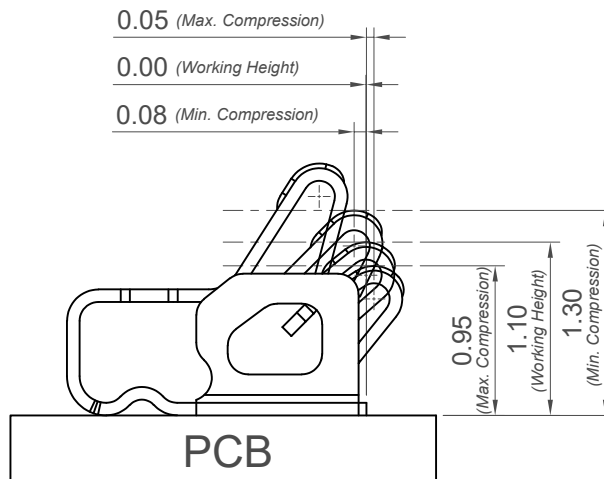
Packing: T&R (7000pcs per reel)

Ordering Grid

SCS10-110-10 Request Samples and Quotation

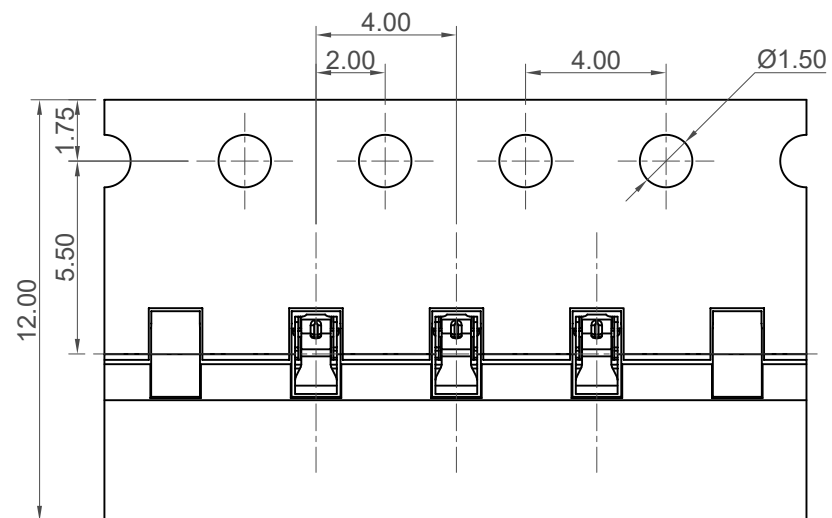
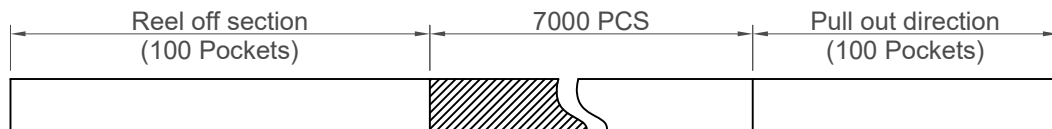
Working Height
110 = 1.10mm

Contact Plating
10 = 10u" Gold On Contact Area

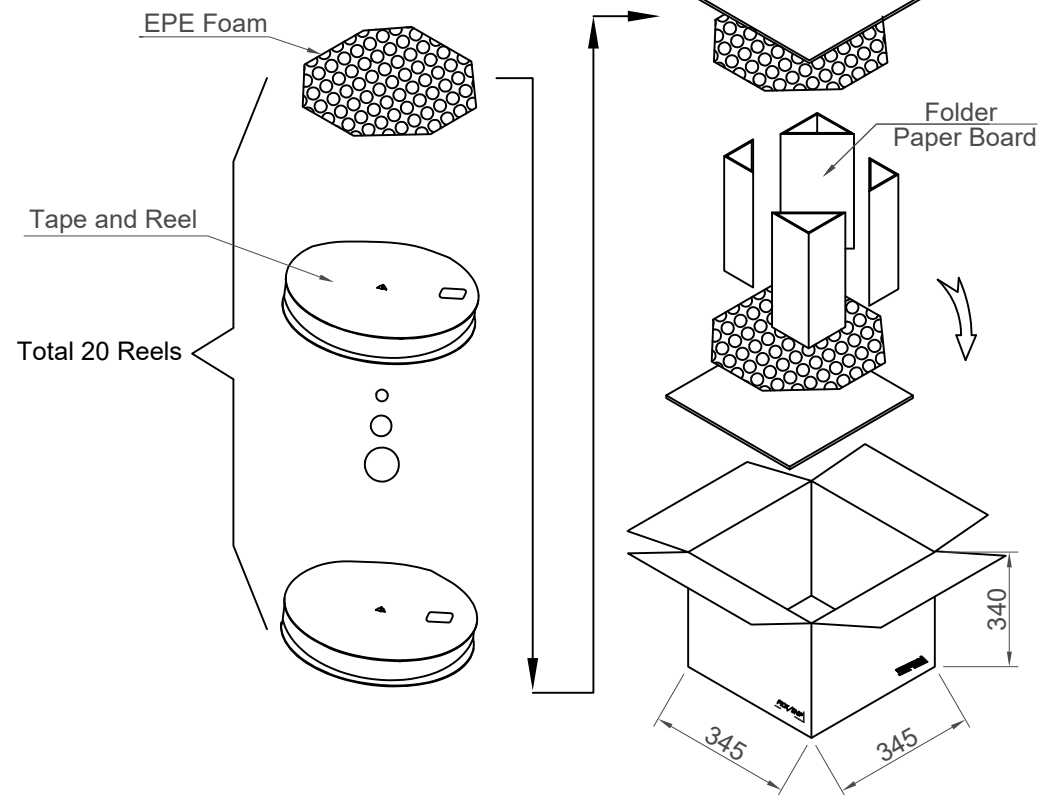
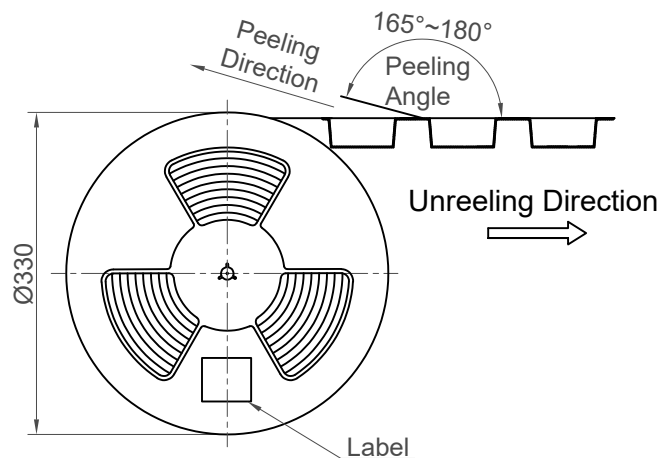
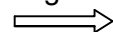


State at working height
Reference only

Part Number SCS10-110-10			Product Description Spring Contact Terminal, H=1.60mm, SMT, Stainless Steel		
Drawing Date 13th December 2024					
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 ± 0.5	Angle X.X° ± 2°		
Revision A		X.XX ± 0.15	X.XX° ± 1°		
Date 13/12/24		X.XXX ± 0.005			Not to Scale Drawn By KY
			GCT www.gct.co		
			Sheet No. 1/2		



Unreeling Direction



Pcs / Reel	Reels / Carton	Total Quantity
7000	20	140000 pcs

Part Number		Product Description	
SCS10-110-10		Spring Contact Terminal, H=1.60mm,	
Drawing Date		SMT, Stainless Steel	
13th December 2024			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	13/12/24		
		3rd Angle Projection	
		RoHS COMPLIANT 2011/65/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 KY
			Sheet No. 2/2

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