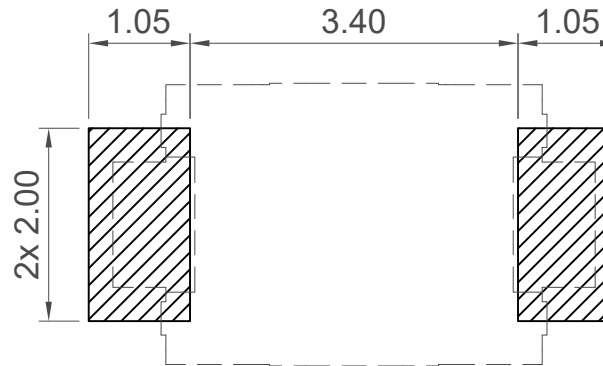
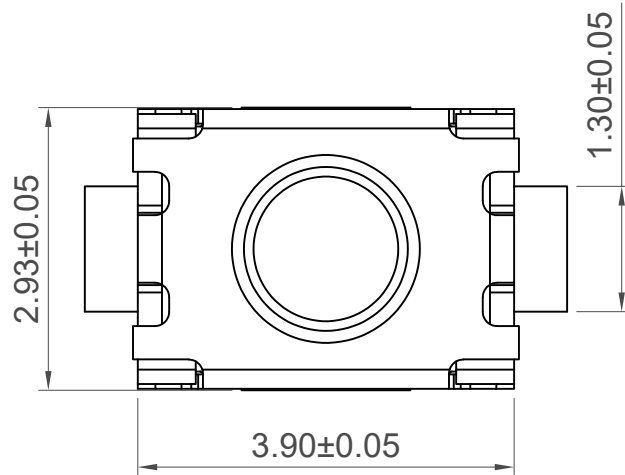


Recommended PCB Layout

(Viewed from Component Side - Tolerance: ±0.05mm)

Solder Area Component Outline

Specifications

Material

Housing: LCP, Black
Button: LCP, Black
Terminal: Phosphor Bronze
Contact: Stainless Steel
Cover: Stainless Steel
Film: PI, Yellow

Plating

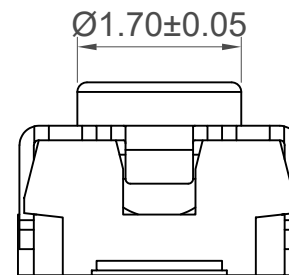
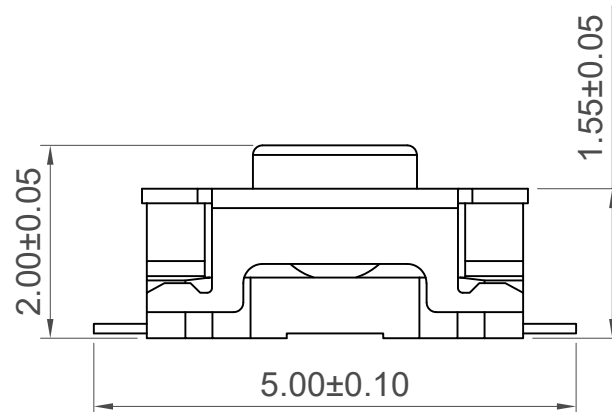
Terminal: Silver Plated
Contact: Silver Plated

Electrical

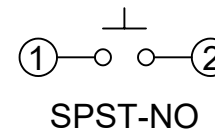
Voltage rating: 12V DC
Current Rating: 50mA Max.
Contact Resistance: 500mΩ Max.
Dielectric Withstanding Voltage: 250V AC
Insulation Resistance: 100MΩ Min

Mechanical & Environmental

Operating Temperature: -40°C to +85°C
Operating Force: See Ordering Grid
Travel: 0.15±0.10mm
Durability: 100,000 cycles
Solder Tails Co-planarity: 0.10mm Max.



Circuit Diagram



Ordering Grid

SWT0110 - 0200 XX S S A

Profile Height
0200 = 2.00mm

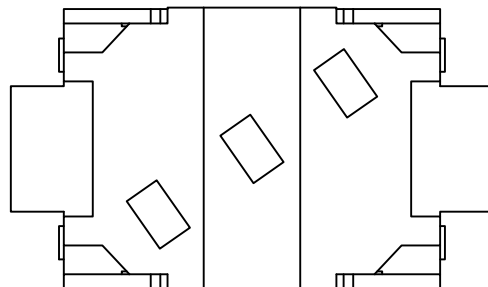
Operating Force
10 = 100±40gf
16 = 160±40gf

Lead Type
S = SMT

[Request Samples
and Quotation](#)

Packing Options
A = Tape & Reel
(4000pcs per reel)

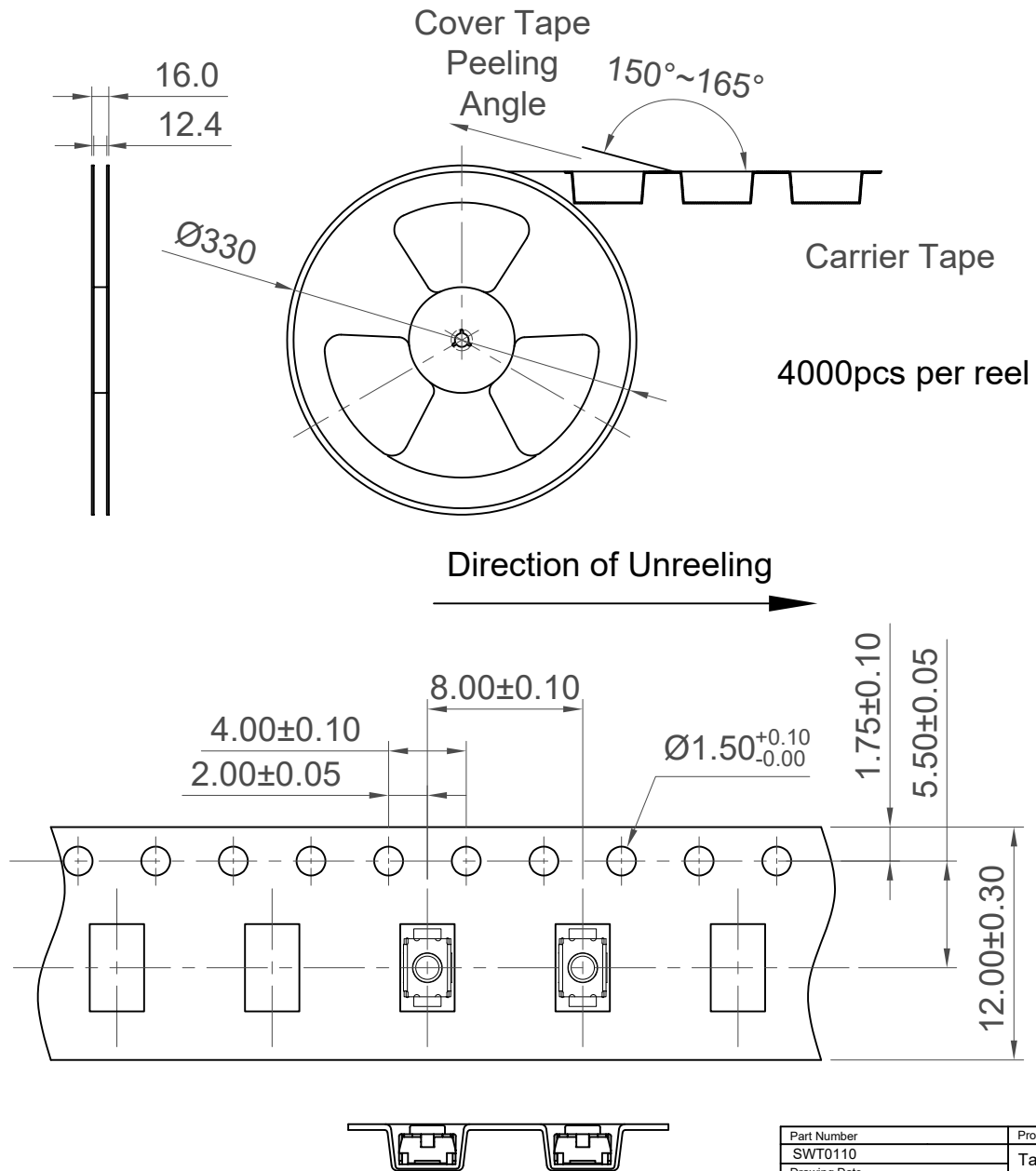
Contact Plating
S = Silver



Part Number				Product Description			
SWT0110				Tactile Switch, 3.90 x 2.93mm, Top Actuated, SMT, SPST- NO			
Drawing Date				25th April 2025			
By	CC	Tolerances (Except as Noted)		Units:	 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)			
Revision	A	X.XX ± 0.20	-				
Date	25/04/25	X.XXX ± 0.10					
				3rd Angle Projection			
					Not to Scale	Drawn By CC	Sheet No. 1/2

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H
G
F
E
D
C
B
A



Part Number			Product Description			 www.gct.co
SWT0110			Tactile Switch, 3.90 x 2.93mm, Top Actuated, SMT,			
Drawing Date			SPST- NO			
25th April 2025						
By	CC	Tolerances (Except as Noted)		Units:	  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. 2/2
Detail	Drawing Release	Length	Angle	Metric (mm)		
Revision	A	X.XX ± 0.20	-			
Date	25/04/25	X.XXX ± 0.10	-	3rd Angle Projection		

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