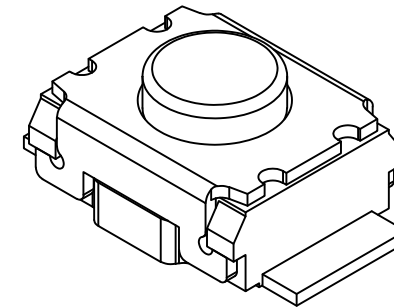
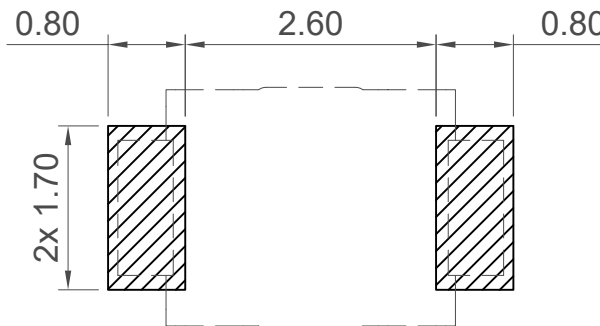
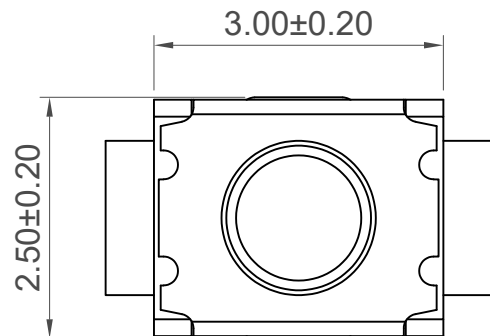
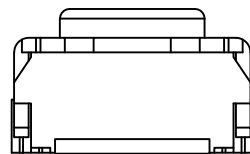
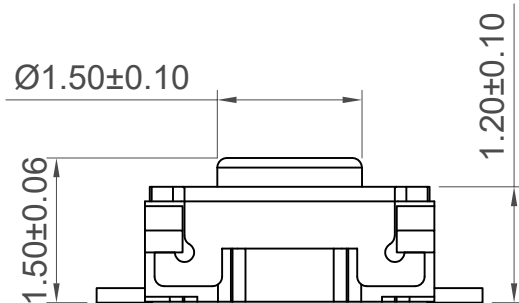




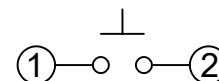
Recommended PCB Layout

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

▨ Solder Area ▭ Component Outline



Circuit Diagram



SPST-NO

Specifications

Material

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

Plating

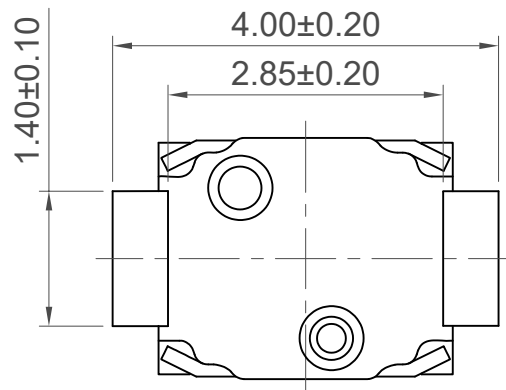
Terminal: Silver Plated

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: 160±40gf
Travel: 0.15±0.10mm
Durability: 100,000 cycles
Solder Tails Co-planarity: 0.10mm Max.



Ordering Grid

SWT0010 - 0150 16 S S A

Profile Height
0150 = 1.50mm

Operating Force
16 = 160g

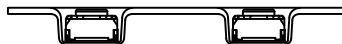
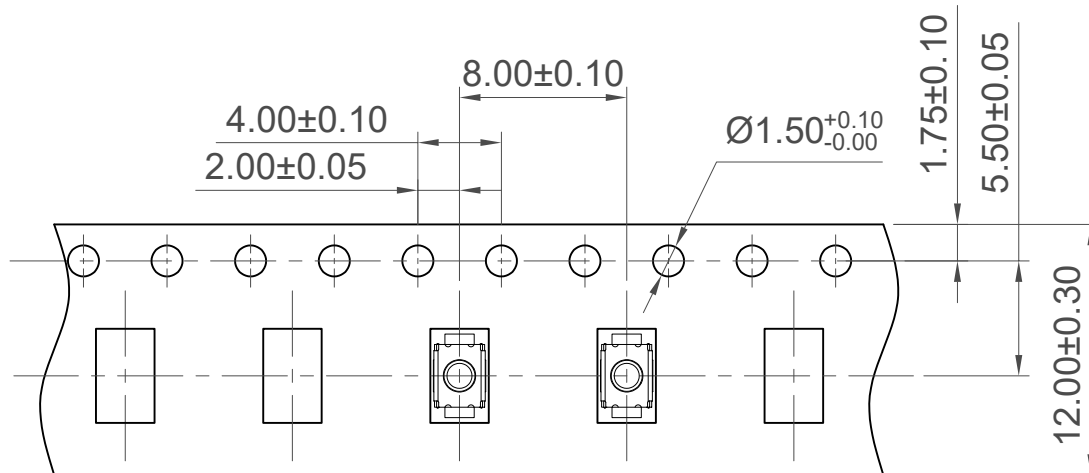
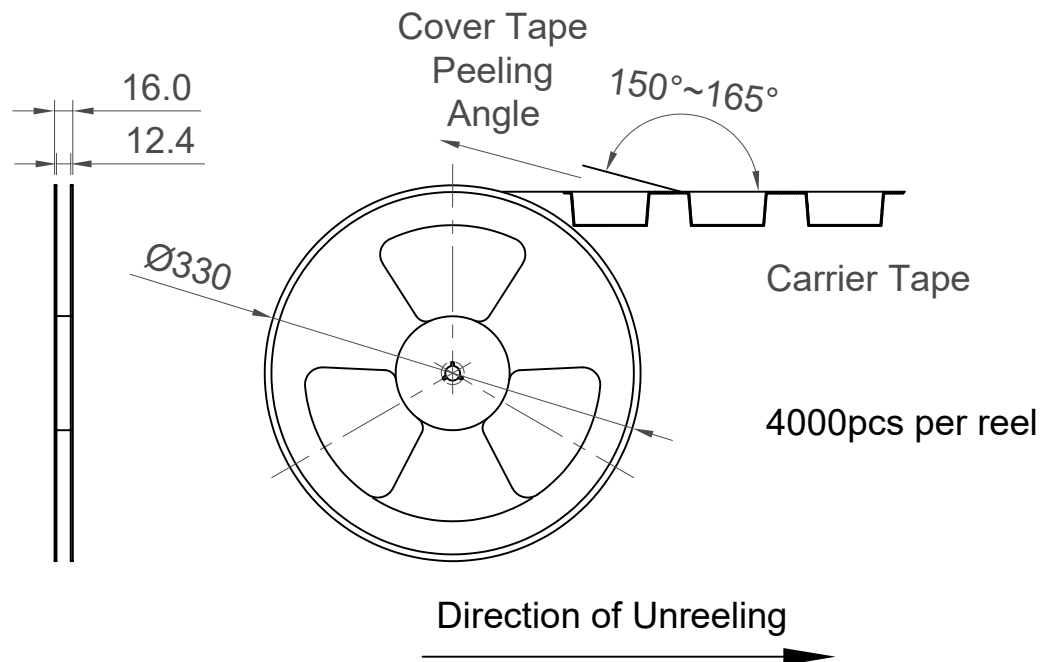
Lead Type
S = SMT

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

Contact Plating
S = Silver

[Request Samples and Quotation](#)

Part Number			Product Description				
SWT0010			Tactile Switch, 3.0 x 2.5mm, Top Actuated, SMT, SPST- NO				
Drawing Date							
25th April 2025							
By	CC	Tolerances (Except as Noted)		Units:			
Detail	Drawing Release	Length	Angle	Metric (mm)			
Revision	A	X.XX ± 0.20	-				
Date	25/04/25	X.XXX ± 0.10	-				
					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		
					 www.gct.co		
					Not to Scale	Drawn By CC	Sheet No 1/2



Part Number		Product Description				 www.gct.co	
SWT0010		Tactile Switch, 3.0 x 2.5mm, 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	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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