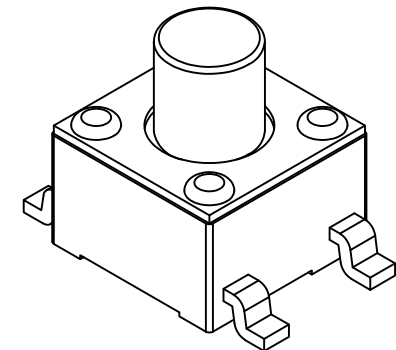


Recommended PCB Layout
(Viewed from Component Side - Tolerance: ±0.05mm)

▨ Solder Area □ Component Outline



Specifications

Material

Housing: PPA, Black
Button: PPA, Black
Terminal: Brass
Contact: Stainless Steel
Cover: SPCC

Plating

Terminal: Silver Plated
Contact: Silver Plated
Cover: Clear

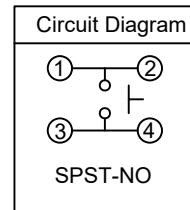
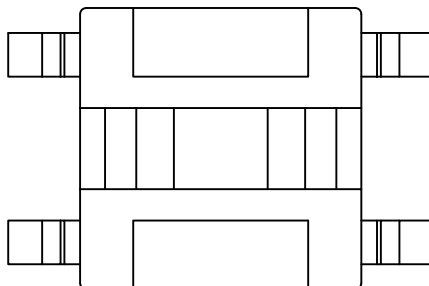
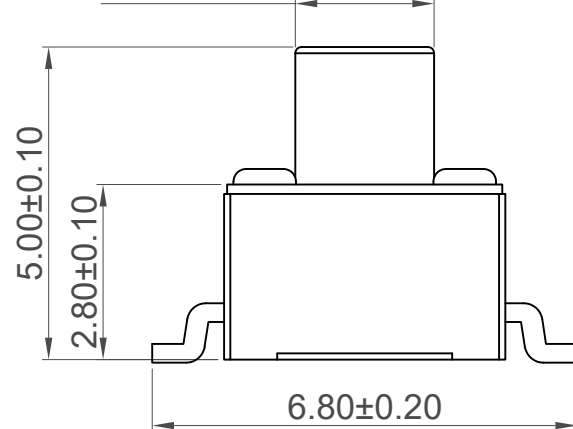
Electrical

Voltage & Current rating:
12V DC, 50mA Max.
1V DC, 10uA Min.
Contact Resistance: 500mΩ Max.
Dielectric Withstanding Voltage: 250V AC
Insulation Resistance: 100MΩ Min

Mechanical & Environmental

Operating Temperature: -40°C to +85°C
Operating Force: 100±30gf
Travel: 0.18±0.10mm
Durability: 100,000 cycles
Solder Tails Co-planarity: 0.10mm Max.

Ø2.5±0.10



Ordering Grid

SWT0211 - **0500** **10** **G** **S** **A** Request Samples and Quotation

Profile Height
0500 = 5.00mm

Operating Force
10 = 100±30gf

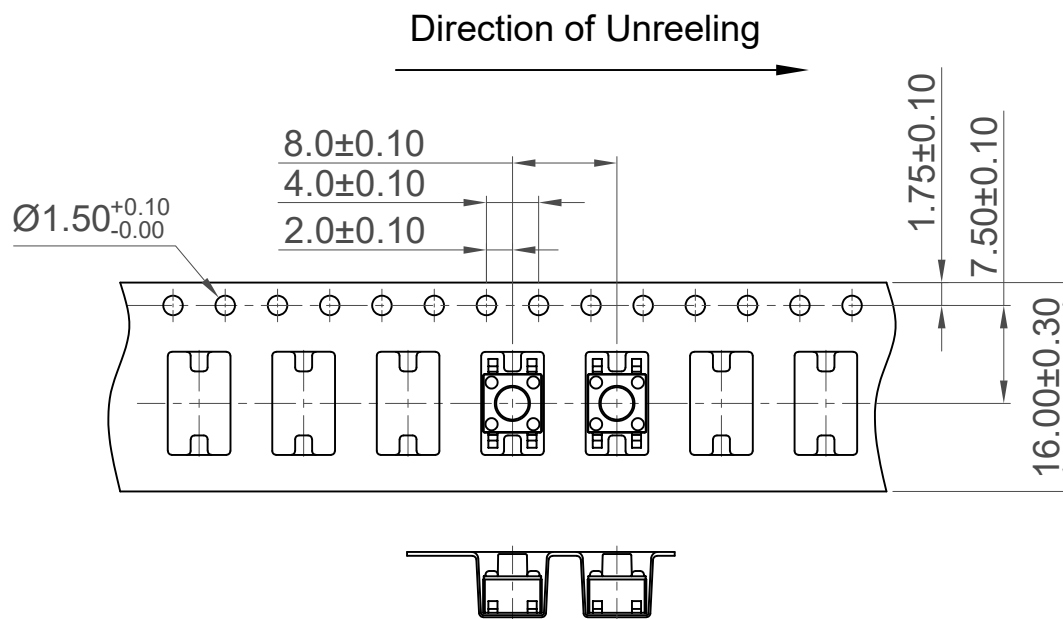
Lead Type
G = Gull Wing





Packing Options
A = Tape & Reel
(1500pcs per reel)

Contact Plating
S = Silver

Part Number			Product Description		
SWT0211			Tactile Switch, 4.5 x 4.5mm, Top Actuated, Gull Wing, SPST- NO		
Drawing Date					
25th April 2025					
By	CC	Tolerances (Except as Noted)	Units:	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;"> RoHS COMPLIANT 2011/95/EU Deca-SIDE </div> <div style="text-align: center;"> <p>©</p> <p>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</p> </div> </div>	
Detail	Drawing Release	Length Angle	Metric (mm)		
Revision	A	X.XX ± 0.20 X.XXX ± 0.10	-		
Date	25/04/25		3rd Angle Projection		
			Not to Scale	Drawn By CC	Sheet No. 1/2

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Part Number		Product Description		 www.gct.co	
SWT0211		Tactile Switch, 4.5 x 4.5mm, Top Actuated, Gull Wing, SPST- NO			
Drawing Date					
25th April 2025					
By	CC	Tolerances (Except as Noted)		Units:	<p>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</p>
Detail	Drawing Release	Length	Angle	Metric (mm)	
Revision	A	X.XX ± 0.20	-	 3rd Angle Projection	
Date	25/04/2025	X.XXX ± 0.10			
					
					Not to Scale
					Drawn By CC
					Sheet No. 2/2

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