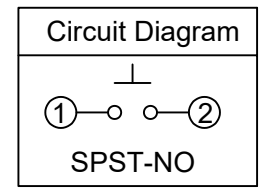
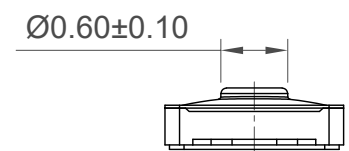


Recommended PCB Layout
(Viewed from Component Side - Tolerance:±0.05mm)
▨ Solder Area ▩ Keep Out Area □ Component Outline



Ordering Grid

SWT7005	0055	XX	S	S	A
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Profile Height
0055 = 0.55mm

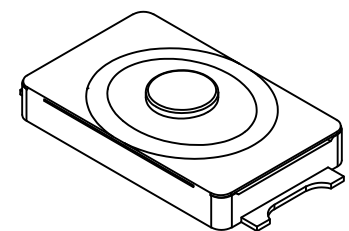
Operating Force
16 = 160±40gf
24 = 240±40gf

Lead Type
S = SMT

Packing Options
A = Tape & Reel
(10000pcs per reel)

Contact Plating
S = Silver

Request Samples and Quotation



Specifications

Material
Housing: PPA, Black
Button: PA, Black
Terminal: Phosphor Bronze
Contact: Stainless Steel
Cover: PA, Translucent

Plating
Terminal: Silver Plated
Contact: Silver Plated

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

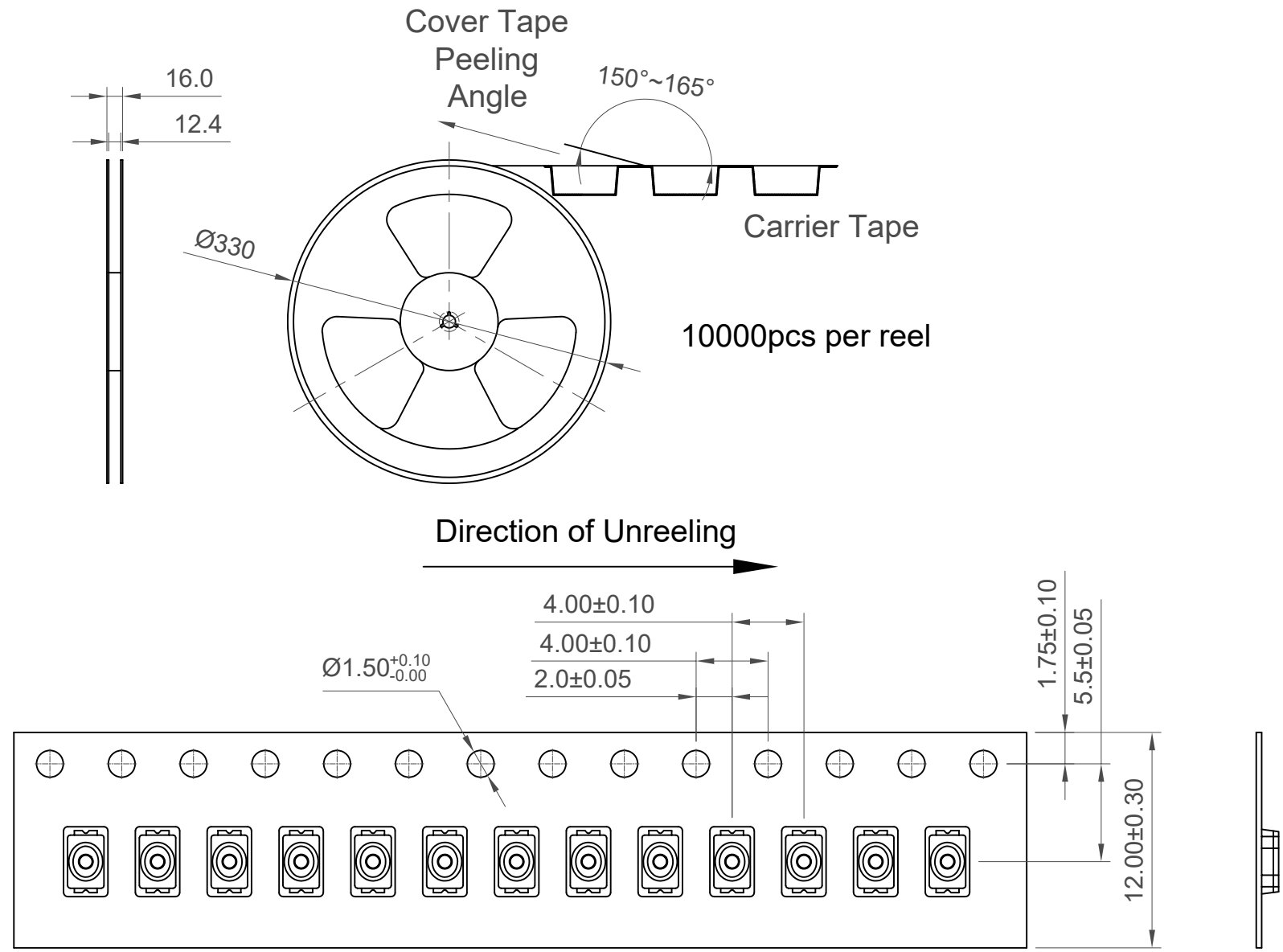
Mechanical & Environmental
Operating Temperature: -40°C to +85°C
Operating Force: See Ordering Grid
Travel: 0.13±0.05mm
Durability: 500,000 cycles
Ingress Protection Rating: IP67
Solder Tails Co-planarity: 0.10mm Max.





Part Number SWT7005			Product Description Tactile Switch, 2.6 x 1.6mm, Top Actuated, SMT, SPST- NO, IP67		
Drawing Date 25th April 2025					
By CC	Drawing Release	Tolerances (Except as Noted) Length X.XX ± 0.20 X.XXX ± 0.10	Units: Metric (mm)		
Detail					
Revision Date	A 25/04/25				

		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. 1/2



H
G
F
E
D
C
B
A



Part Number		Product Description				 www.gct.co		
SWT7005		Tactile Switch, 2.6 x 1.6mm, Top Actuated, SMT,						
Drawing Date		SPST- NO, IP67						
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	-	 3rd Angle Projection				
Date	25/04/25	X.XXX ± 0.10						
						Not to Scale	Drawn By CC	Sheet No. 2/2

