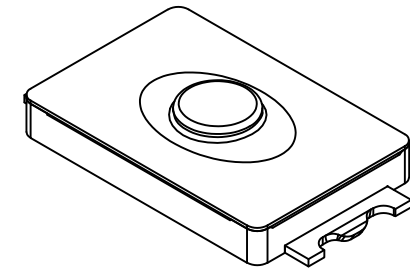


Recommended PCB Layout

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

▨ Solder Area ▩ Keep Out Area □ Component Outline



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 & Current rating:

12V DC, 50mA Max.

2V DC, 10uA Min.

Contact Resistance: 500mΩ Max.

Dielectric Withstanding Voltage: 250V AC

Insulation Resistance: 50MΩ Min

Mechanical & Environmental

Operating Temperature: -40°C to +85°C

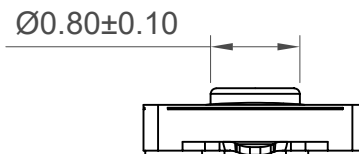
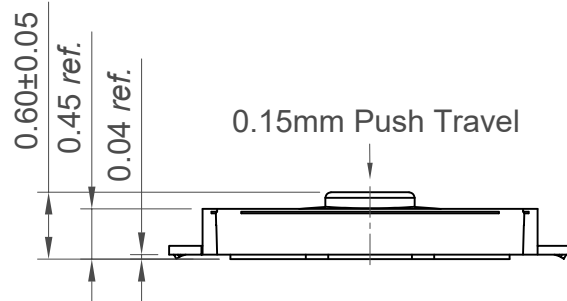
Operating Force: 100±40gf

Travel: 0.15±0.05mm

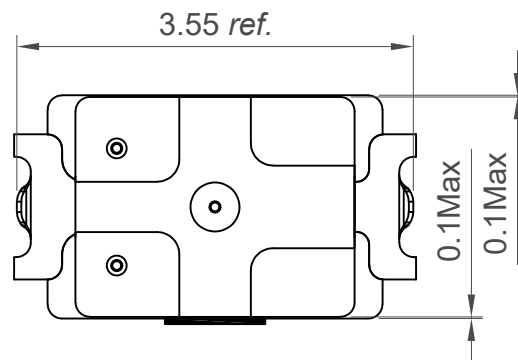
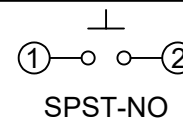
Durability: 100,000 cycles

Ingress Protection Rating: IP67

Solder Tails Co-planarity: 0.10mm Max.



Circuit Diagram



Ordering Grid

SWT7015-0060 10 S S A

Request Samples and Quotation




Profile Height
0060 = 0.60mm

Operating Force
10 = 100±40gf

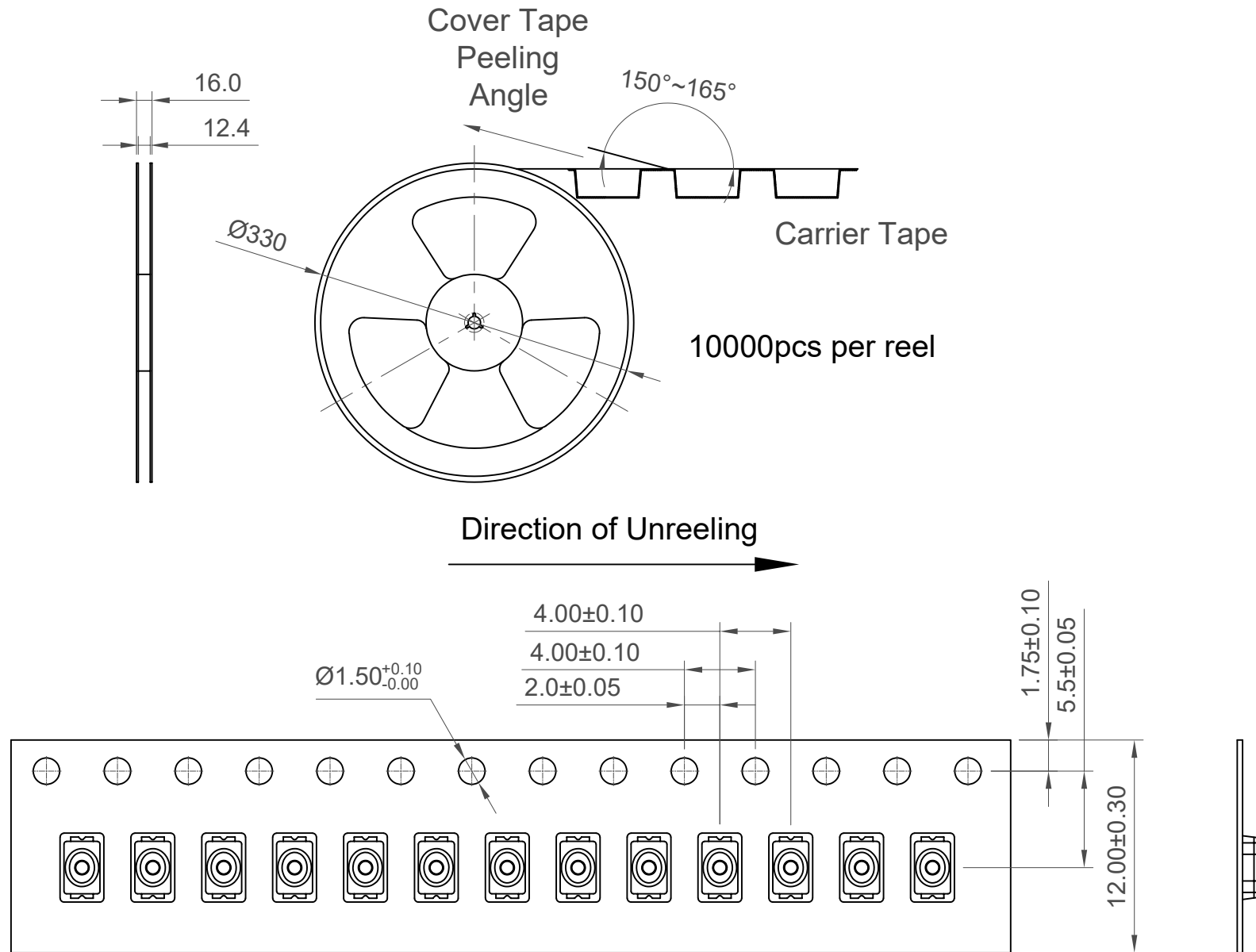
Lead Type
S = SMT

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

Contact Plating
S = Silver

Part Number			Product Description			 www.gct.co
SWT7015			Tactile Switch, 3.0 x 2.0mm, Top Actuated, SMT,			
Drawing Date			SPST- NO, IP67			
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>	<p>Not to Scale</p> <p>Drawn By CC</p> <p>Sheet No. 1/1</p>
Detail	Drawing Release	Length	Angle	Metric (mm)		
Revision	A	X.XX ± 0.20	-			
Date	25/04/25	X.XXX ± 0.10				

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Part Number		Product Description	
SWT7015		Tactile Switch, 3.0 x 2.0mm, Top Actuated, SMT,	
Drawing Date		SPST- NO, IP67	
25th April 2025			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	
Date	25/04/25		

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