

Tactile Switches

Precision Control and Reliable Performance

GCT's tactile switches offer precise control and high reliability across a wide range of compact electronic applications.

Designed for use in consumer electronics, industrial controls, and instrumentation, they deliver consistent mechanical performance with tactile, responsive feedback. The range includes IP67-rated options available for use in harsh environments.

Featuring a variety of actuation forces, profiles, and termination styles, GCT tactile switches meet the demands of both everyday and high-specification applications.

① **Tactile and Responsive Feedback**

Provides precise actuation with consistent tactile response for user interface applications.

② **Versatile Product Range**

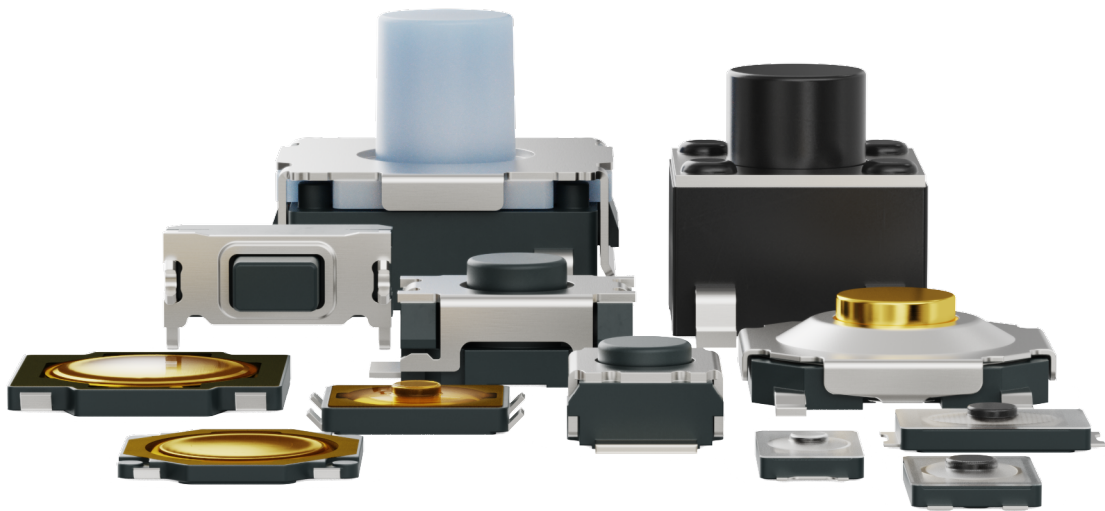
IP67 and non-IP rated options for environmental flexibility, with termination options including SMT, J-Lead, and Gull Wing.

③ **Space-Saving Designs for Compact Applications**

Footprints as small as 2.6 x 1.6mm, with low-profile options from 0.35mm to suit space-constrained designs.

④ **Durable, Long-Lasting Operation**

Engineered for up to 500,000 cycles.



Material Overview



Yellow Polyimide Film Cover



Silver Plated Contacts & Pins



LCP Plastic Housing & Actuator



Clear Polyamide Film Cover



Phosphor Bronze Pins



PPA Plastic Housing & Actuator

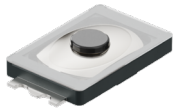


Stainless Steel Contacts & Shell



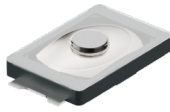
Silicone Rubber Actuator

IP67 Rated



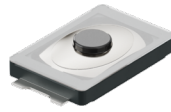
SWT7015

IP67
100,000 Life Cycles
100gf Actuation Force



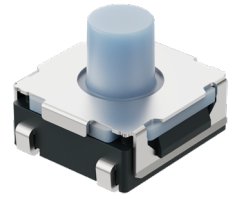
SWT7016

IP67
300,000 Life Cycles
160gf Actuation Force



SWT7017

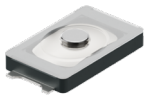
IP67
300,000 Life Cycles
3000gf Actuation Force



SWT7405

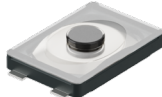
IP67
100,000 Life Cycles
400gf Actuation Force

Long-Life & Application Specific



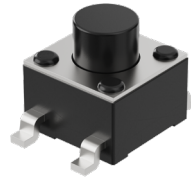
SWT7005

500,000 Life Cycles
160/240gf Actuation Force
IP67



SWT7010

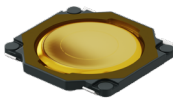
500,000 Life Cycles
160gf Actuation Force
IP67



SWT0210

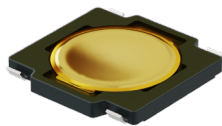
SPCC Cover
100,000 Life Cycles
260gf Actuation Force

Low Profile



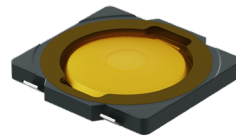
SWT0105

0.35mm Profile
160gf Actuation Force
3.7 x 3.7mm Footprint



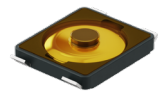
SWT0205

0.55mm Profile
100/160/250gf Actuation Force
4.5 x 4.5mm Footprint



SWT0215

0.55mm Profile
160gf Actuation Force
4.8 x 4.8mm Footprint



SWT5005

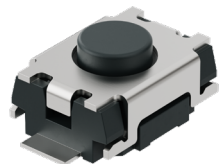
0.65mm Profile
100/160gf Actuation Force
3.0 x 2.6mm Footprint

High Profile



SWT0211

5.5mm Profile
100gf Actuation Force
4.5 x 4.5mm Footprint



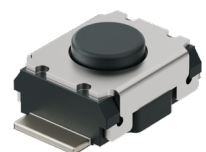
SWT0110

2.0mm Profile
100/160gf Actuation Force
3.9 x 2.93mm Footprint



SWT0220

1.6mm Profile
160/250gf Actuation Force
5.2 x 5.2mm Footprint



SWT0010

1.5mm Profile
160gf Actuation Force
3.0 x 2.5mm Footprint

Discover the Complete Tactile Switch Range

This page highlights key products from GCT's tactile switch lineup. With a wide selection of profiles, actuation forces, IP ratings, and termination styles, the full range extends beyond what's shown here.

Scan or click the QR Code to view the complete tactile switch portfolio and explore detailed specs, drawings, and recommended options for your next design ▶

