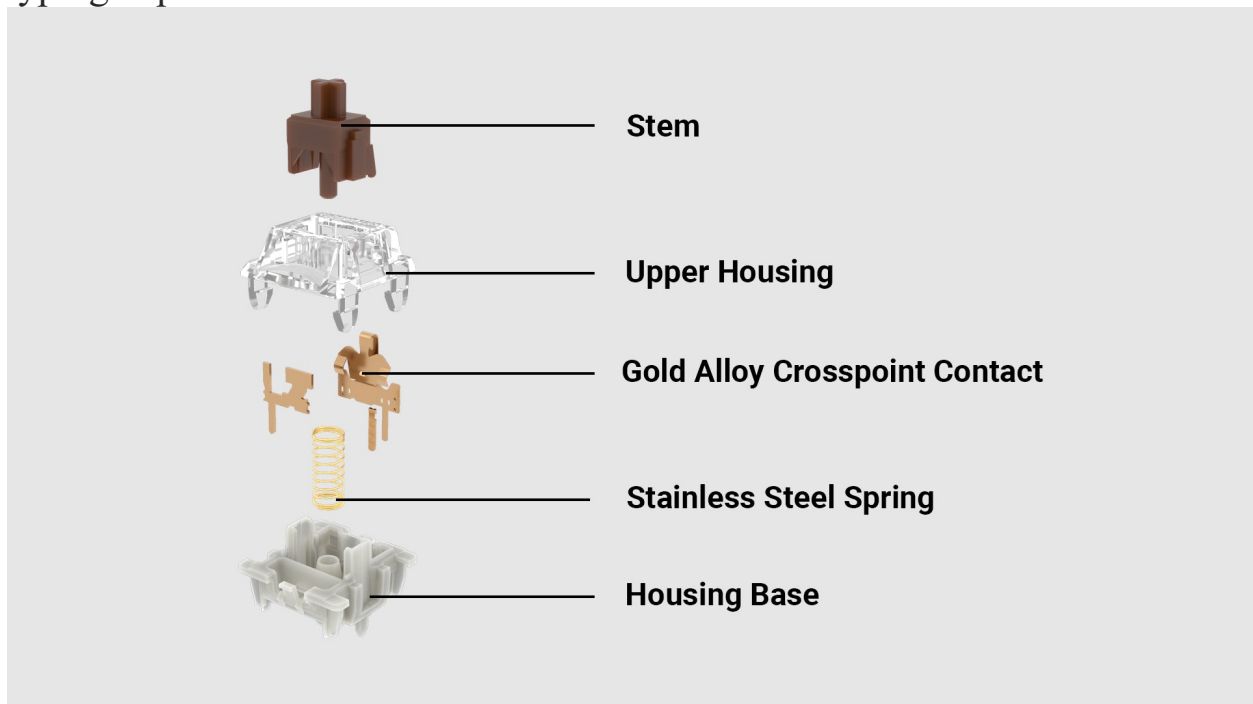


	Type	Operating force	Pre-travel	Travel distance	Pre-lubed	Noise level	Suitable for
 Red Switch	Linear	45 ±15 gf	2.0 ±0.6 mm	4.0 mm Max.	Yes	Low	Gaming/office
 Brown Switch	Tactile	55 ±15 gf	2.0 ±0.6 mm	4.0 mm Max.	Yes	Medium	Midway gaming/office
 Black Switch	Linear	60 ±15 gf	2.3 ±0.6 mm	4.0 mm Max.	Yes	Low	Gaming/office
 Yellow Switch	Linear	50 ±15 gf	2.0 ±0.6 mm	4.0 mm Max.	Yes	Low	Gaming/office
 White Switch	Linear	38 ±15 gf	2.0 ±0.6 mm	4.0 mm Max.	Yes	Low	Gaming/office
 Silver Switch	Linear	45 ±15 gf	1.2 ±0.3 mm	3.4 mm Max.	Yes	Low	Gaming/office

New Upgrades and Feel

The new G Pro 3.0 retains its predecessor, the G Pro 2.0's factory pre-lubed feature, and features a transparent upper housing, and white base. The G Pro 3.0 has the condenser light effect structure as well, but with a new frosted, light-guided surface to make the backlight brighter and more consistent. We also upgrade the G Pro 3.0's pin to be harder for a more stable and smoother typing experience.



Consistent and Bright Backlight Effect

Compared to the G Pro 2.0 switch, the G Pro 3.0 is engineered with a frosted light-guided surface to enhance the light consistency and brightness.





Three-Ply Chunky Switch Pin

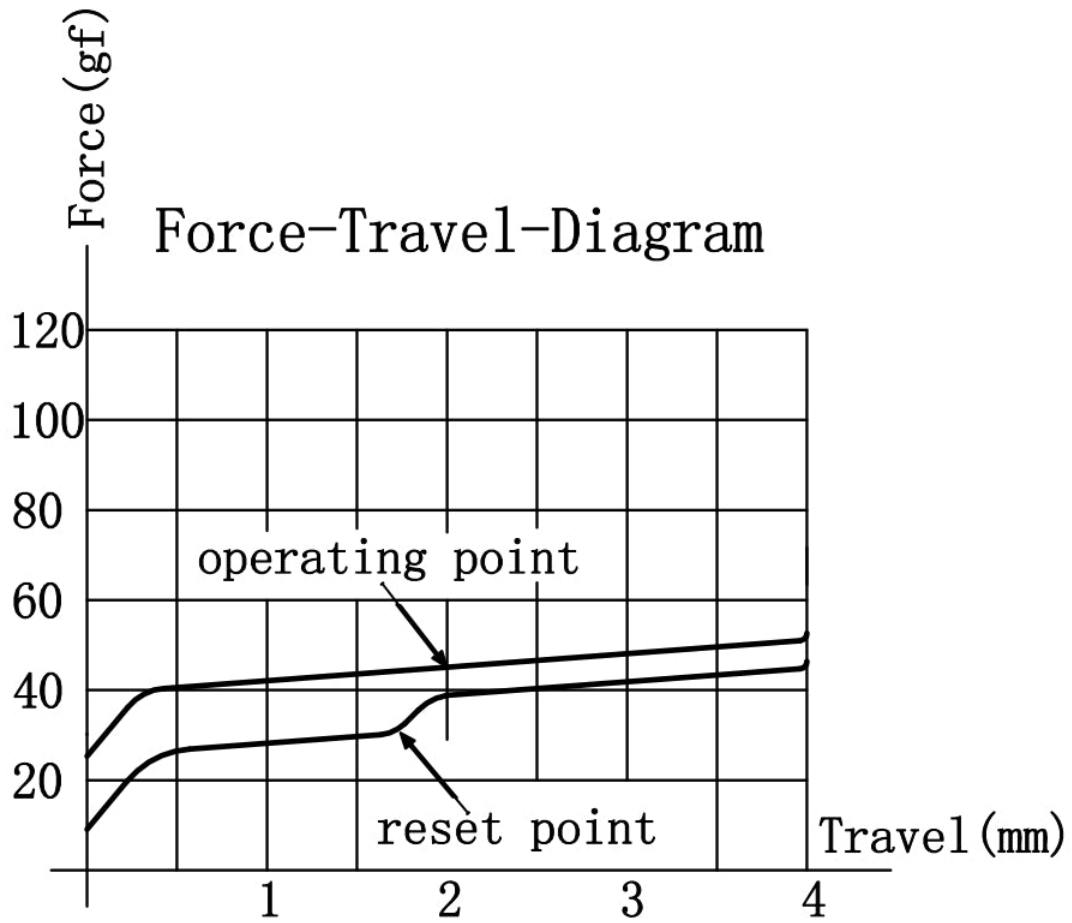
This switch is crafted with a 0.3-0.33 mm chunky three-ply pin for a more reliable connection and a longer life span. The stronger pin allows for less damage and deformities. Although its strength increased, its thickness did not change and will not affect the hot swap usage.

Product Information

Type	Linear
Operation Force	45±15 gf
Pre-Travel	2.0±0.6 mm
Total Travel	4.0 mm Max.
Bottom-Out Force	50 gf
Spring	20.5 mm
Operation Life	Up to 100M cycles

Finger Strike
Feeling

Vertical, light pressing force, soft
rebound

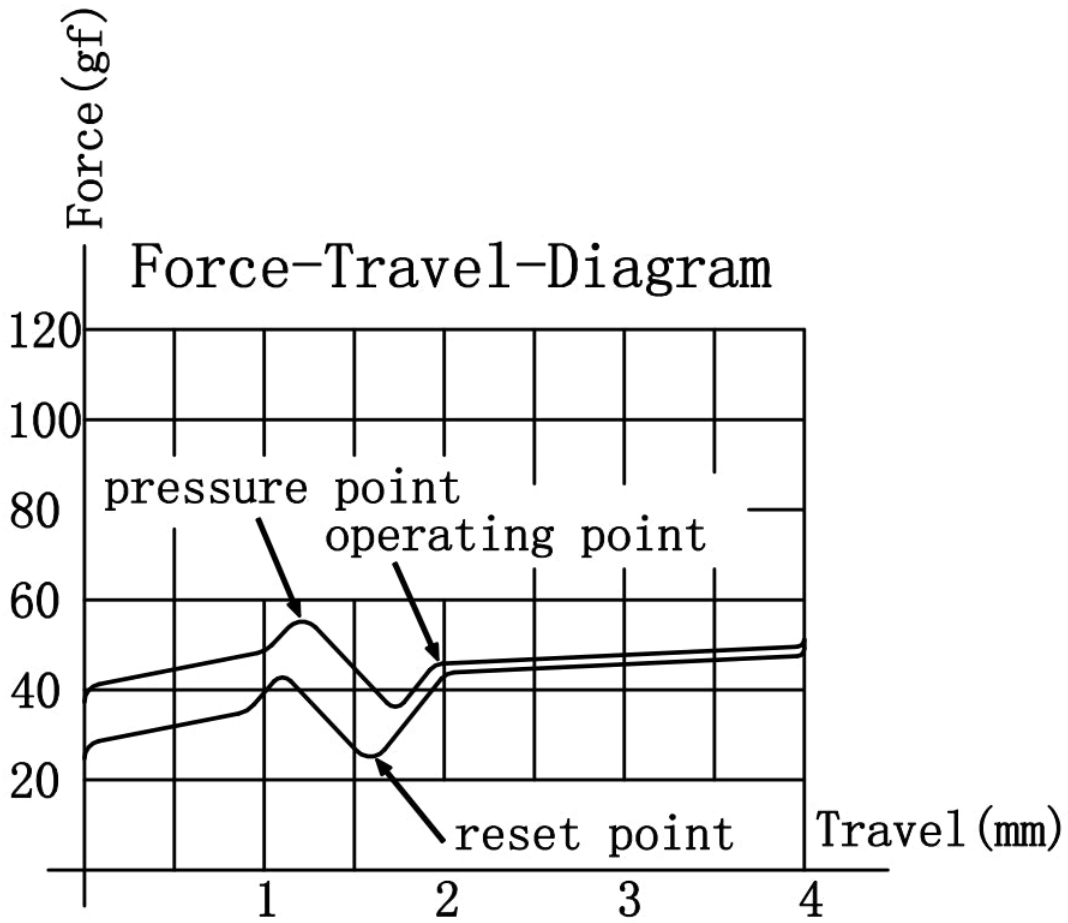


G Pro 3.0 Brown Switch

Type	Tactile
Operation Force	55±15 gf
Pre-Travel	2.0±0.6 mm
Total Travel	4.0 mm Max.
Bottom-Out Force	50 gf
Spring	20.5 mm
Operation Life	Up to 100M cycles

Finger Strike
Feeling

Bump, moderate pressing force, clear
rebound

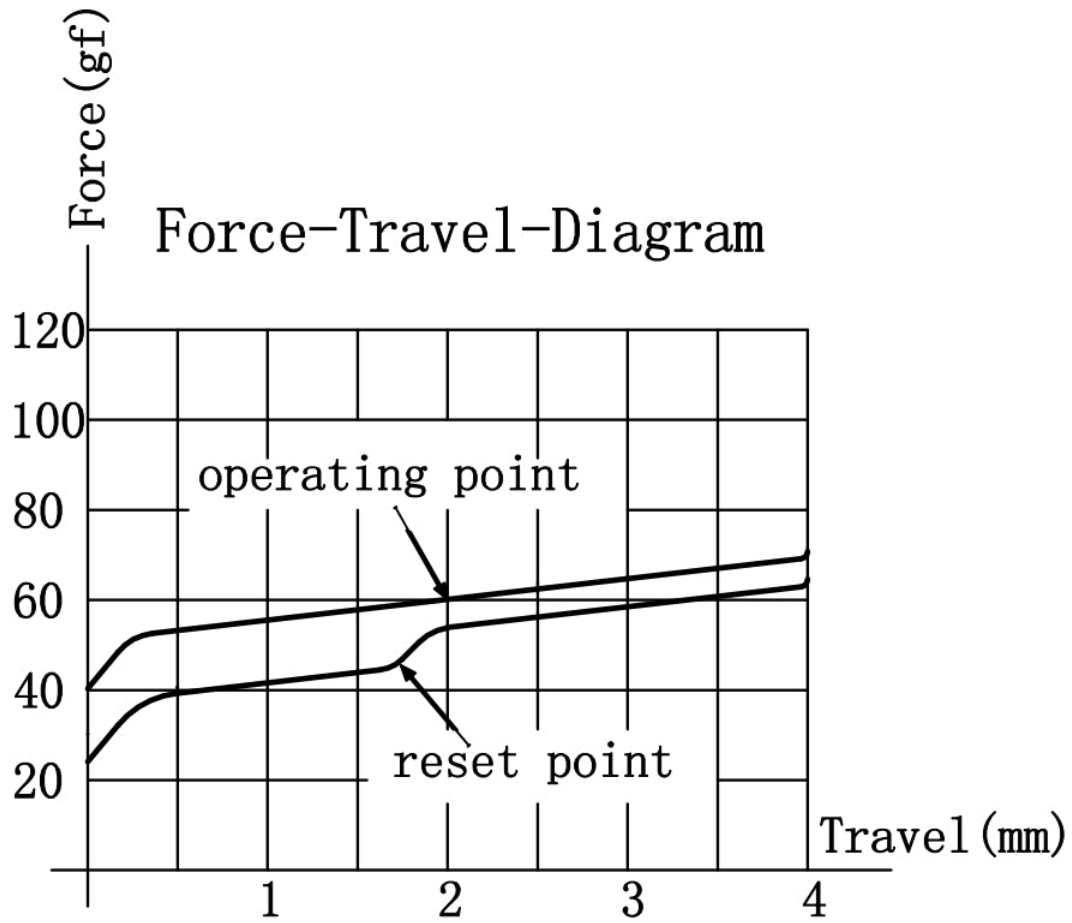


G Pro 3.0 Black Switch

Type	Linear
Operation Force	60±15 gf
Pre-Travel	2.0±0.6 mm
Total Travel	4.0 mm Max.
Bottom-Out Force	70 gf
Spring	15.4 mm
Operation Life	Up to 100M cycles

Finger Strike
Feeling

Vertical, strong pressing force, hard
rebound



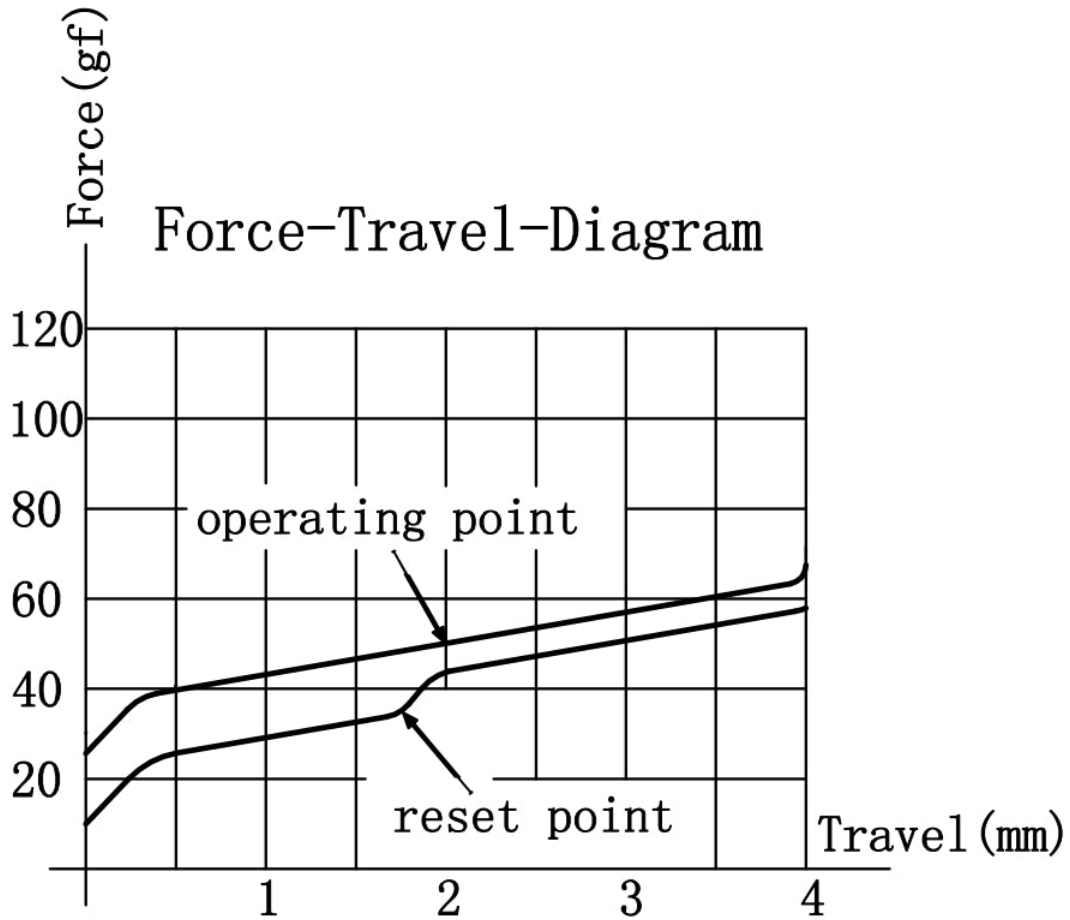
Type

Linear

Operation Force	50±15 gf
Pre-Travel	2.0±0.6 mm
Total Travel	4.0 mm Max.
Bottom-Out Force	67 gf
Spring	15.4 mm
Operation Life	Up to 100M cycles

Finger Strike
Feeling

Vertical, moderate pressing force, clear
rebound

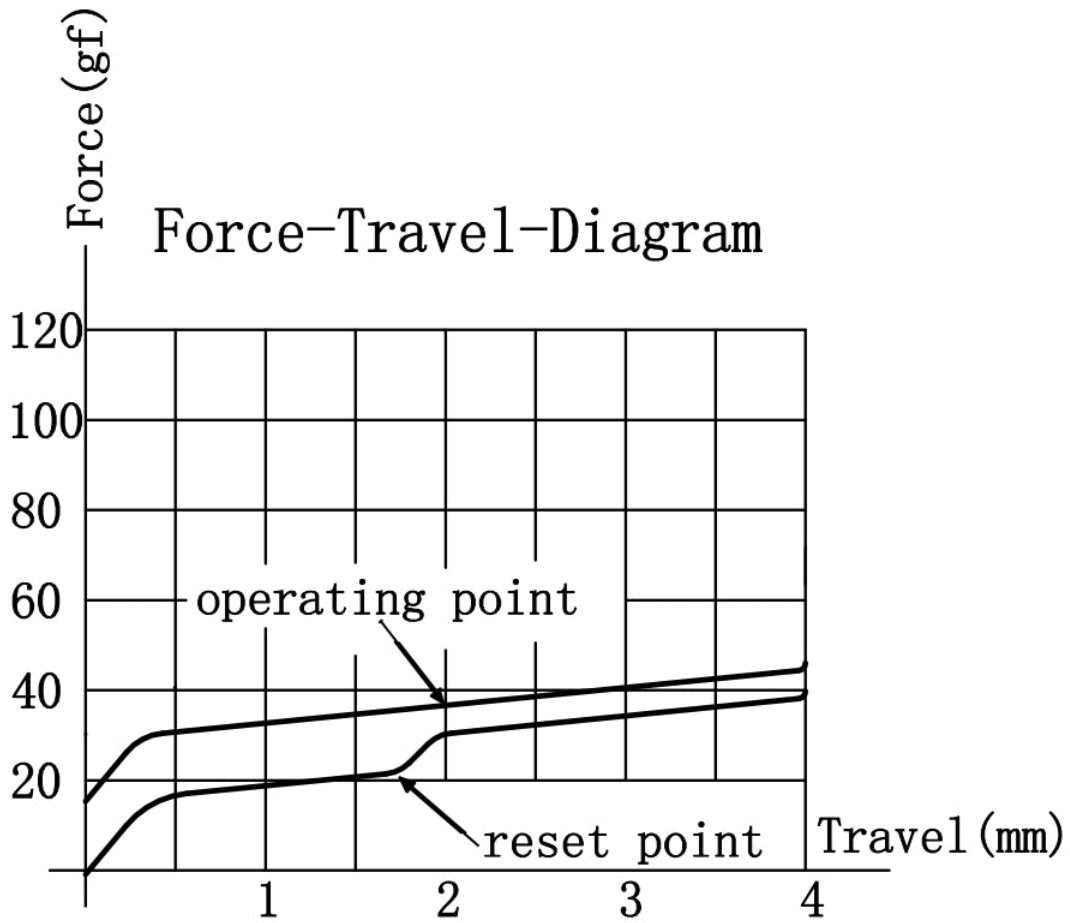


G Pro 3.0 White Switch

Type	Linear
Operation Force	38±15 gf
Pre-Travel	2.0±0.6 mm
Total Travel	4.0 mm Max.
Bottom-Out Force	45 gf
Spring	20 mm
Operation Life	Up to 100M cycles

Finger Strike
Feeling

Vertical, very light pressing force, soft
rebound



G Pro 3.0 Silver Switch

Type

Linear

Operation Force 45 ± 15 gf

Pre-Travel 1.2 ± 0.3 mm

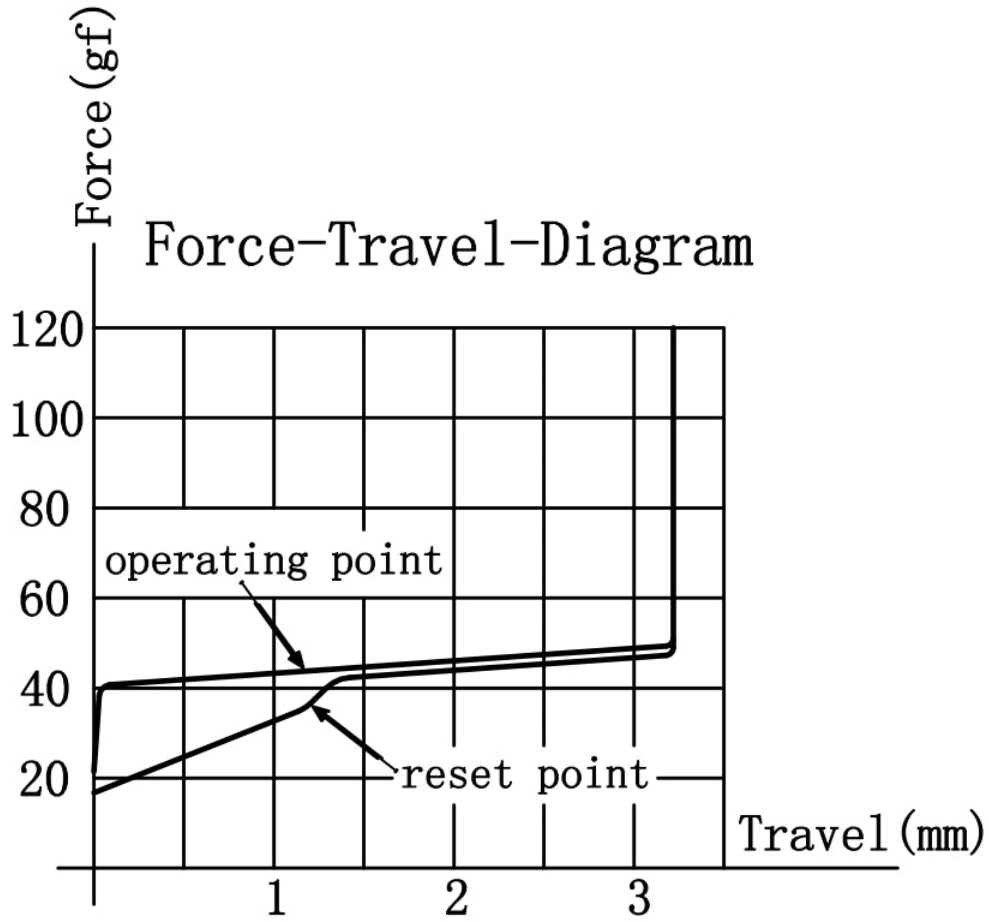
Total Travel 3.4 mm Max.

Bottom-Out Force 50 gf

Spring 22 mm

Operation Life Up to 100M cycles

Finger Strike Feeling Vertical, light pressing force, fast rebound, moderate bottom-out feeling



Specs

Product Name

Gateron G Pro 3.0 Switch

Thermoplastic, MX stem

PC, transparent housing

Nylon, white base

Spring steel

3-Pin switch

Lubed version

Yes

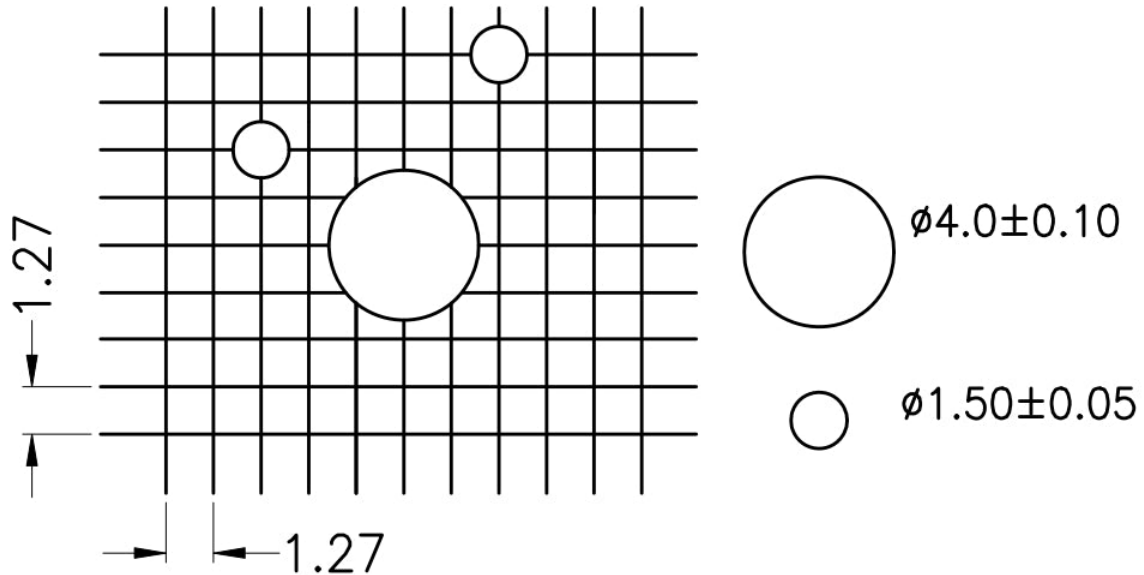
Download [PDF](#)

PS: SMD is an acronym for Surface Mounted Device. Their LEDs are attached to a rectangular printed circuit board (PCB). These LED chips can come in a variety of shapes and sizes that can produce different light intensities and colors.

Compatible Keyboards

Compatible with any 3-Pin/5-Pin MX mechanical keyboard with SMD-LED light or RGB-SMD light.

Layout of PCB



Product Gallery







