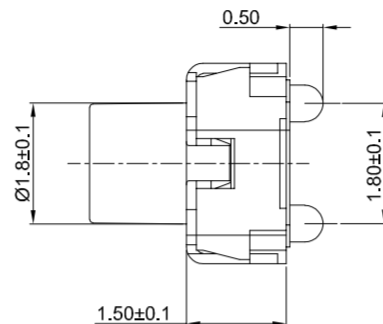
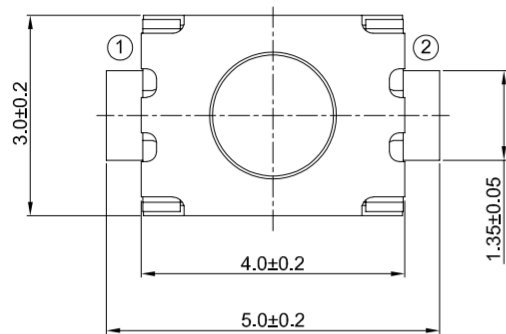




GT-TC029X-HXXX-LX A

G-Switch

Operating Force

A=160gf
B=250gf
C=100gf
D=400gf

DETAIL

A=Base With Pilot
N=Non Pilot

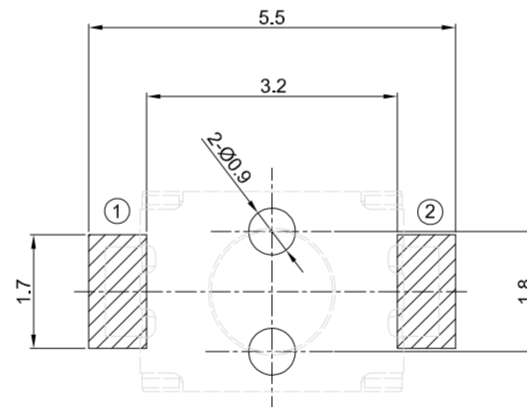
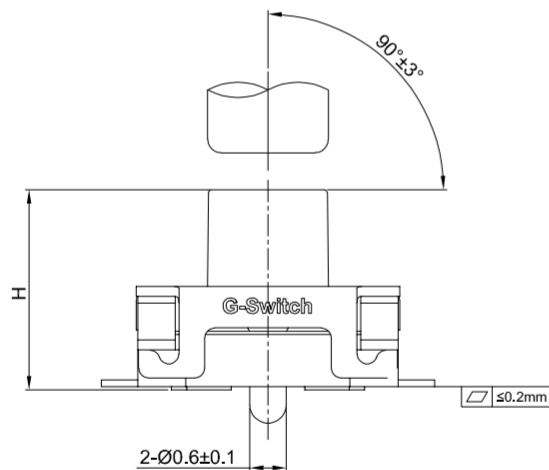
Switch Height (mm)

H020=2.0 (PPA)
H025=2.5 (PPA)
H030=3.0 (PPA)
H040=4.0 (C2680)

Switch Lifetime (Force)
L1=100,000 Cycles

Keying Tip Tilt

90°±3°

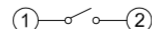


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

- Operating temperature range: -40°C ~ +85°C
- Rating: 50mA, 12V DC
- Insulation resistance: 100MΩ min, 100V DC
- Dielectric strength: 250V AC for 1 min
- Contact resistance: 100mΩ max.
- Travel: 0.20±0.1mm

5	STEM	PPA/C2680	-
4	COVER	STAINLESS STEEL	-
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	CASE	HIGH TEMPERATURE PLASTIC	BLACK
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1 UNIT: mm

SIZE: A4

Unless otherwise
General Tolerance:
X, ±0.40
X.x ±0.30
X.xx ±0.20
X* ±3°

Title: Vertical Tact Switch
Flat 4.0×3.0×Hmm

Molde Code: GT-TC029X-HXXX-LXA

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2025,02,01



REV: A0

SHEET: 1/1