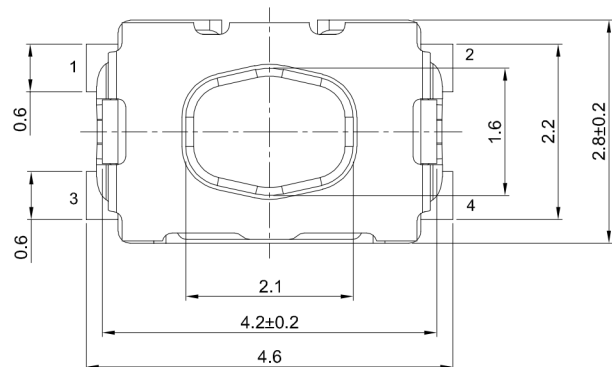
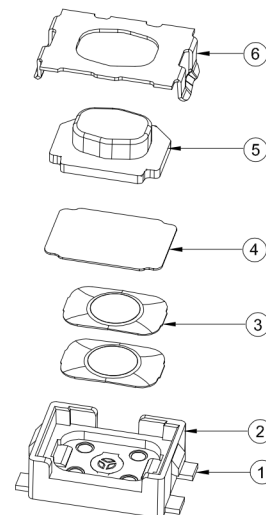


CIRCUIT DIAGRAM



GT-TC086X - HXXX - LX

G-Switch

Operating Force

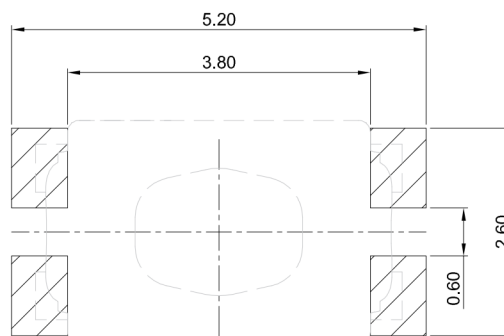
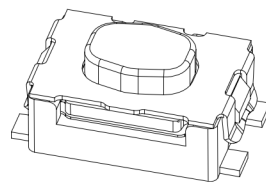
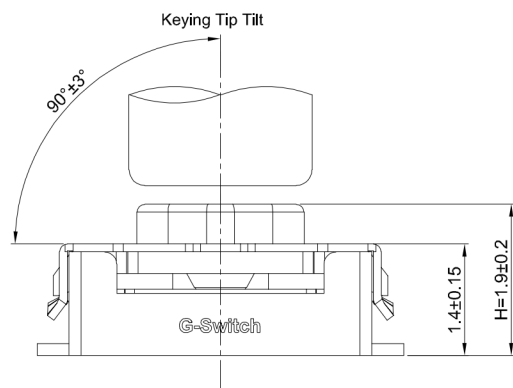
A=180gf
B=250gf
C=100gf
D=360gf

Switch Height

H019=1.9mm
H025=2.5mm

Switch Lifetime

L1=100,000 Cycles



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: DC 32V 50mA Max / DC 20mV 1mA Min
3. Insulation resistance: 1000MΩ min. 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 100mΩ max.
6. Travel: 0.2±0.05mm
7. Protection grade: IP40

6	COVER	STAINLESS STEEL	--
5	BUTTON	PPA	BLACK
4	TAPE	GATHERS THE IMIDE	YELLOW (TRANSPARENT)
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	BASE	PA	BLACK
1	TERMINAL	COPPER ALLOY	Ag PLATING
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

16 < L ≤ 63 ±0.40
4 < L ≤ 16 ±0.30
L ≤ 4 ±0.20
X° ±0.5°

Title: Vertical Tact Switch
SMT 4.2×2.8×1.9mm

Molde Code: GT-TC086X-H019-L05

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01



REV: A0 SHEET: 1/1