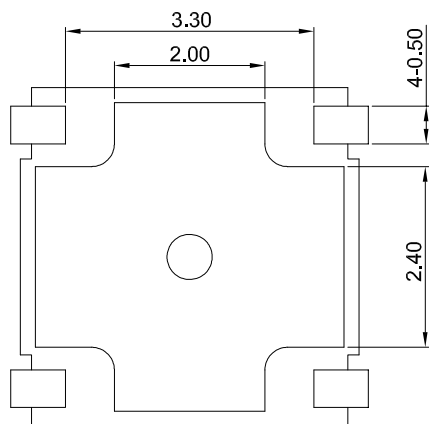
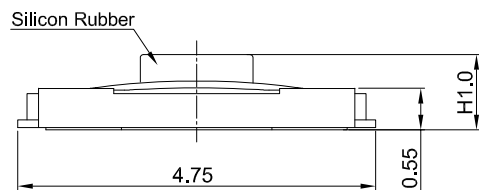
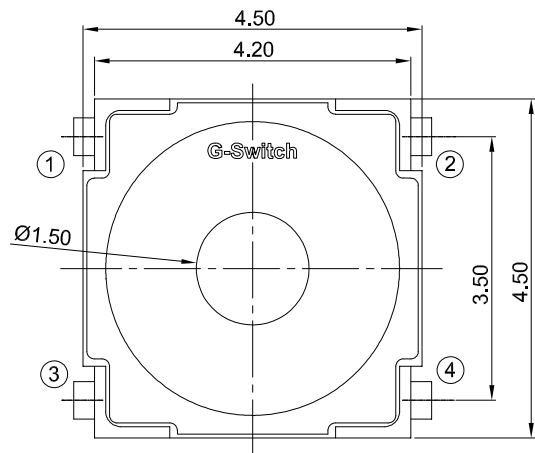
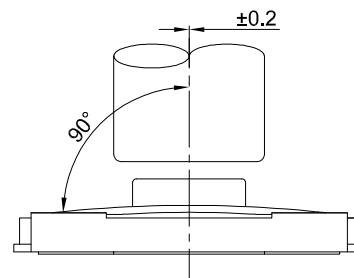
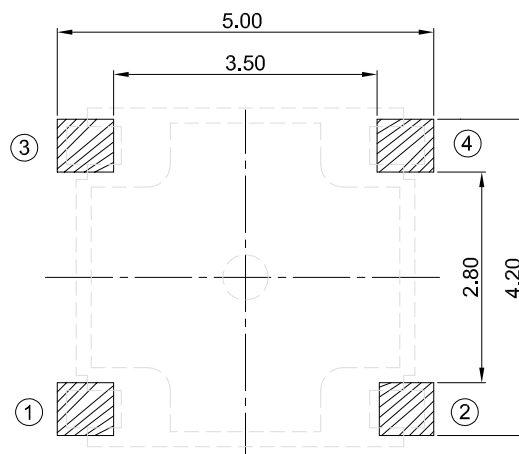


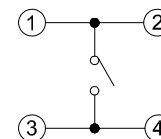
Shape of keying tip



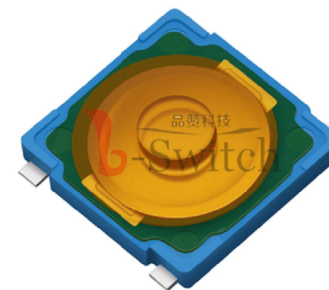
Restriction in operation



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



CIRCUIT DIAGRAM



GT-TC081A-H010-L1

G-Switch

Operating Force

A=160gf
B=260gf
C=100gf

Switch Height
H010=1.0mm

Switch Lifetime

L1=100,000 Cycles
L2=200,000 Cycles
L3=300,000 Cycles
L5=500,000 Cycles

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA, 12V DC
3. Insulation resistance: 100MΩ min, 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 100mΩ max.
6. Travel: 0.20±0.05mm

5	STEM	SILICON RUBBER	
4	MYLAR	POLYIMIDE	
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	BASE	HIGH TEMPERATURE PLASTIC	BLUE
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.25
X.x ±0.20
X.xx ±0.15
X° ±5°
X.x° ±3°

Title: Vertical Tact Switch
SMT 4.5×4.5×H1.0mm

Molde Code: GT-TC081X-H010-L1

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01

品赞科技®
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1