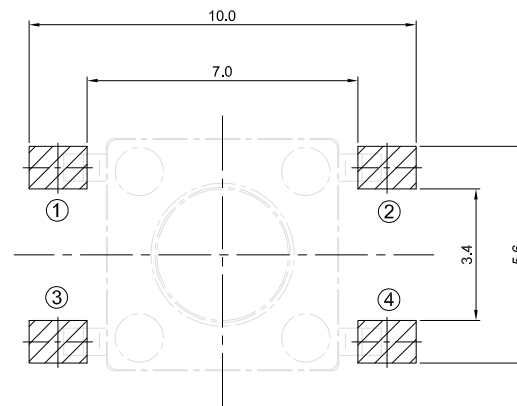
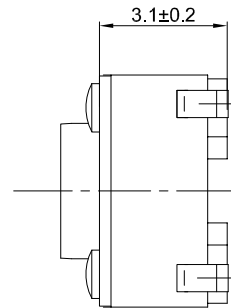
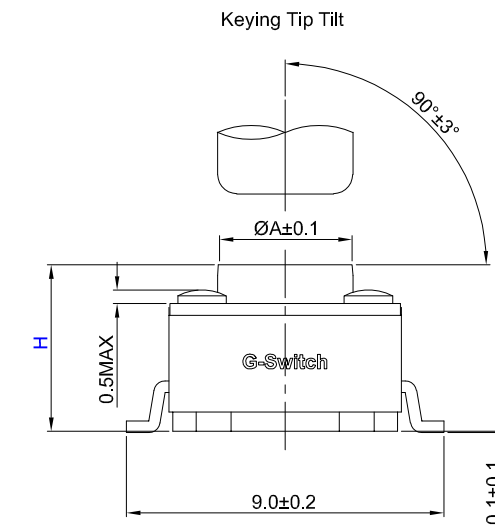
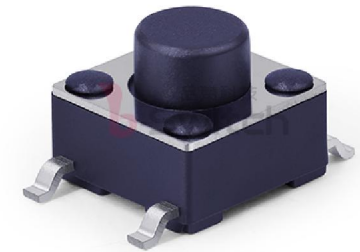




CIRCUIT DIAGRAM



GT-TF089 X-HXX- LX

G-Switch

Operating Force

A=160gf D=70gf
B=250gf E=130gf
C=100gf F=320gf
G=400gf J=180gf

Switch Lifetime (Force)

L05=50,000 Cycles (B, F, G)
L1=100,000 Cycles(A, B)
L3=300,000 Cycles(A, B, C, D, E)
L5=500,000 Cycles(A, B, C, D, E)

Switch Height (mm) A=ØA

H043=4.3 A=3.5 H045=4.5 A=3.5
H050=5.0 A=3.5 H055=5.5 A=3.5
H060=6.0 A=3.5 H065=6.5 A=3.5
H070=7.0 A=3.3 H080=8.0 A=3.3
H085=8.5 A=3.3 H090=9.0 A=3.3
H095=9.5 A=3.0 H100=10.0 A=3.0
H105=10.5 A=3.0 H110=11.0 A=3.0
H115=11.5 A=3.0 H120=12.0 A=3.0
H125=12.5 A=3.0 H130=13.0 A=3.0
H135=13.5 A=3.0 H140=14.0 A=3.0
H145=14.5 A=3.0 H150=15.0 A=3.0
H155=15.5 A=3.0 H160=16.0 A=3.0
H165=16.5 A=3.0 H170=17.0 A=3.0
H175=17.5 A=3.0 H180=18.0 A=3.0

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: 0.25±0.10mm

5	COVER	STAINLESS IRON	—
4	STEM	PA6T	BLACK
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	BASE	PA6T	BLACK
NO.	PART NAME	MATERIAL	REMARK

SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch SMT 6.0×6.0×Hmm				 品赞科技 b-Switch www.dg-switch.com ®	
SIZE: A4							
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X° ±3°		DRAWN	CHECKED	APPROVED	DATE		
		Jiang	Xia	Chen	2025.03.15		