

GT-TC074X-HXXX-LX

G-Switch

Operating Force

A=160gf F=320gf
B=250gf G=400gf
C=100gf H=480gf
D=70gf J=350gf
E=130gf

Switch Height (mm)

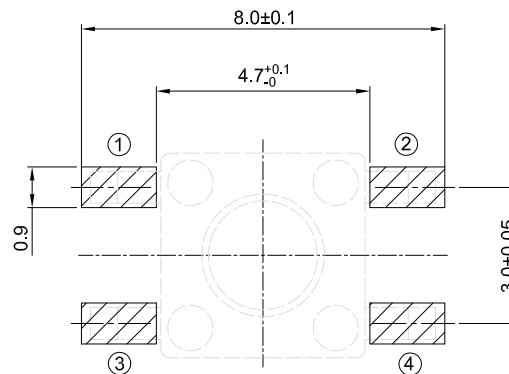
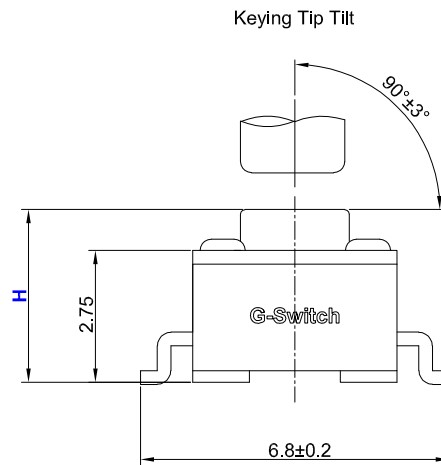
H038=3.8 H043=4.3
H045=4.5 H050=5.0
H055=5.5 H060=6.0
H065=6.5 H070=7.0
H080=8.0 H085=8.5
H090=9.0 H095=9.5
H100=10.0

Switch Lifetime (Force)

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

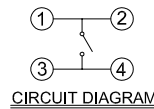
G-Switch Specification:

- 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: 0.25±0.1mm



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch SMT 4.5×4.5×Hmm			
SIZE: A4		Molde Code: GT-TC074X-HXXX-LX			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X* ±3°		DRAWN	CHECKED	APPROVED	DATE
		Jiang	Xia	Chen	2025.03.03



REV: A0 SHEET: 1/1