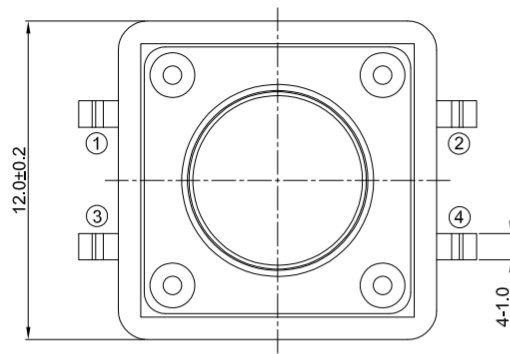


GT-TC149X-HXXX-LX

G-Switch

Operating Force

A=160gf
B=250gf
C=100gf
D=350gf

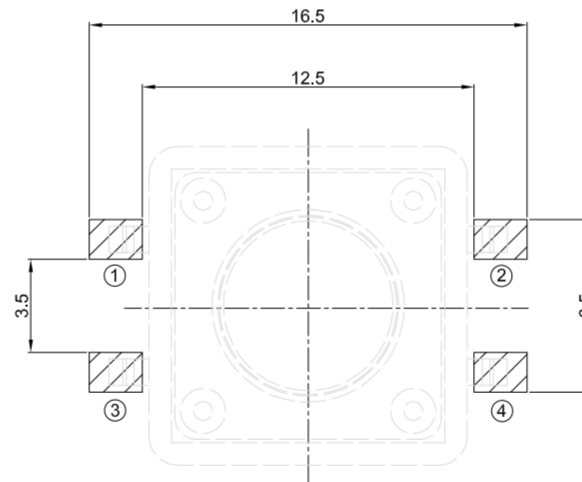
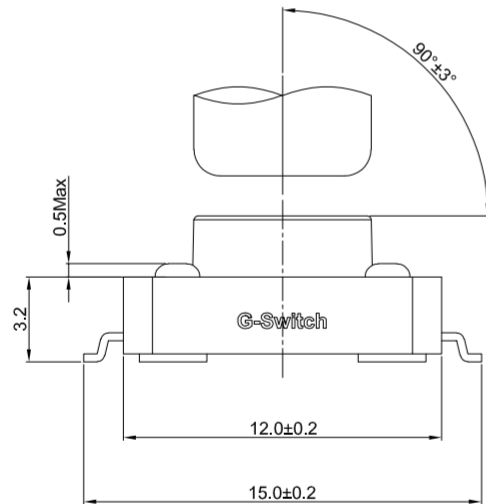
Switch Lifetime (Force)

L05=50,000 Cycles
L1=100,000 Cycles
L3=300,000 Cycles
L5=500,000 Cycles

Switch Height (mm)

H043=4.3 H045=4.5 H100=10.0 H105=10.5
H050=5.0 H055=5.5 H110=11.0 H115=11.5
H060=6.0 H065=6.5 H120=12.0 H125=12.5
H070=7.0 H075=7.5 H130=13.0 H135=13.5
H080=8.0 H085=8.5 H140=14.0 H145=14.5
H090=9.0 H095=9.5 H150=15.0 H155=15.5
H160=16.0 H165=16.5 H170=17.0...

Keying Tip Tilt

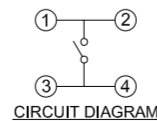


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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: 0.35±0.15mm

5	COVER	COLD PRESSED	--
4	BUTTON	PPA	BLACK
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	BASE	PPA	BLACK
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch SMT 12.0×12.0×Hmm			
SIZE: A4		Molde Code: GT-TC149X-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	2025.03.28
		REV: A0			
		SHEET: 1/1			

