

RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05



## GT-TA072X-HXXX-LX

**G-Switch**

**Operating Force**

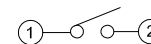
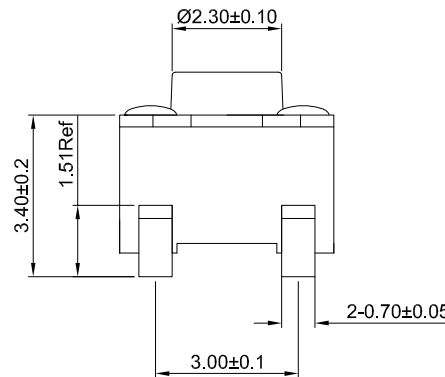
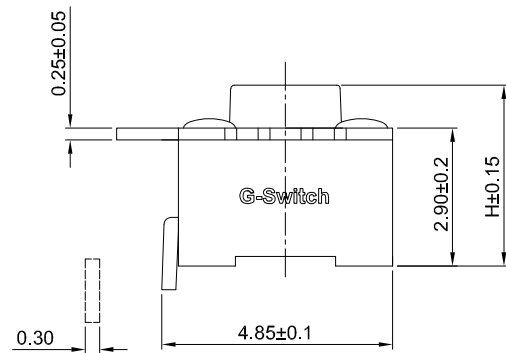
A=160gf  
B=250gf

**Switch Height**

H038=3.8mm  
H043=4.3mm  
H048=4.8mm  
H060=6.0mm  
H070=7.0mm

**Switch Lifetime (Force)**

L1=100,000 Cycles



CIRCUIT DIAGRAM

**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	COVER	BRASS	Ag PLATING
4	STEM	HIGH TEMPERATURE PLASTIC	PPA BLACK
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	BRASS	Ag PLATING
1	BASE	HIGH TEMPERATURE PLASTIC	PA6T BLACK
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:  
>0.5-2 ±0.10  
>2-5 ±0.20  
>5more than ±0.30

Title: Horizontal Tact Switch  
SMT 4.5\*4.5\*Hmm

Molde Code: GT-TA072X-HXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1