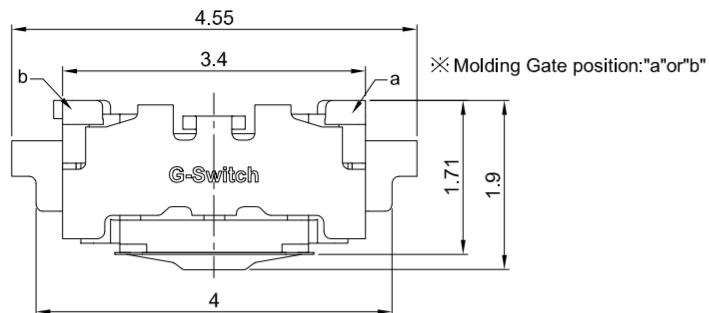
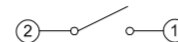


Actuator cross section(Section C-C)



CIRCUIT DIAGRAM



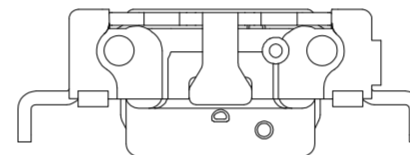
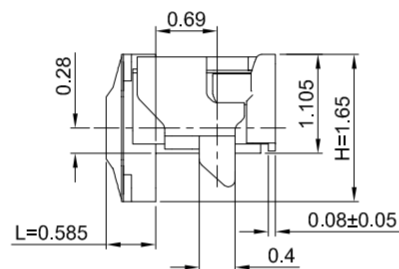
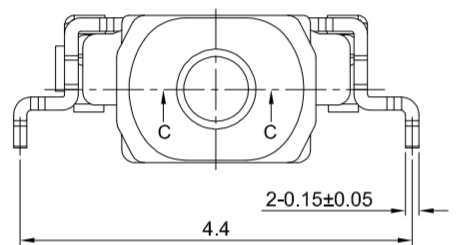
GT-TC077A-H0165-L5

G-Switch

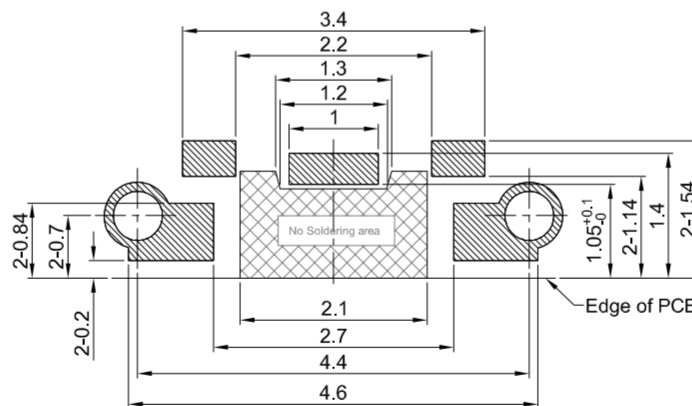
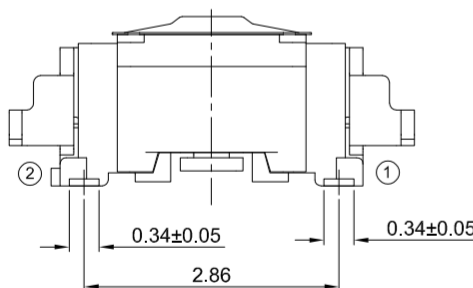
Operating Force
A=160gf L=0.56mm
B=250gf L=0.585mm
C=100gf L=0.53mm

Switch Height(mm)
H0165=1.65

Switch Lifetime (Force)
L5=500,000 Cycles(A、B)



BACK VIEW



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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. Operating force(A/B)0.11±0.05mm,C0.08±0.03mm.
- IP67(*1)dust resistance:4 types of talc 8h,
Water resistance: Immersion depth 1 m 30 min

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



SCALE: 1:1	UNIT: mm	Title: Horizontal Tact Switch SMT Sink 3.4×1.7×H1.65mm			
SIZE: A4		Molde Code: GT-TC077A-H0165-L5			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1