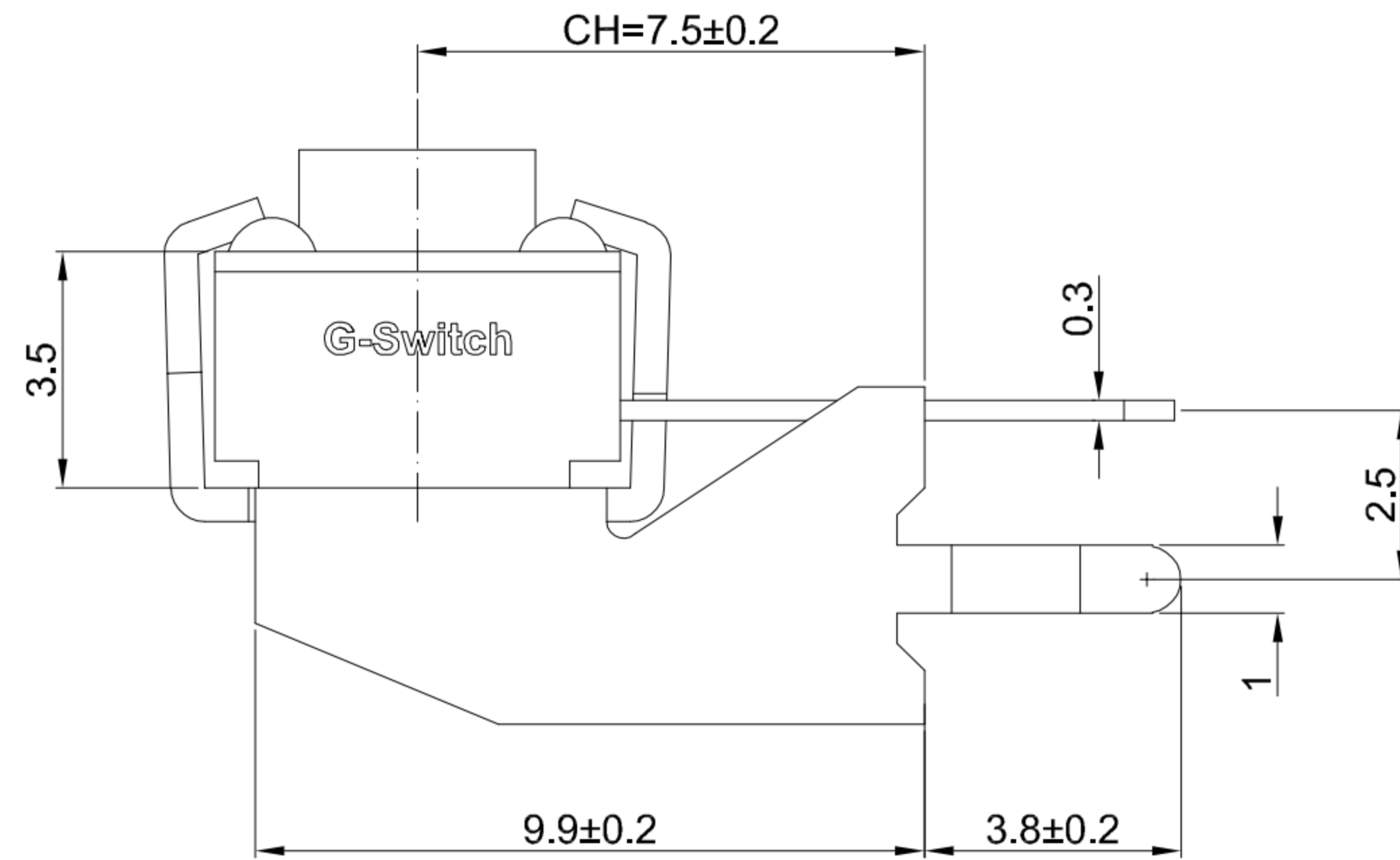
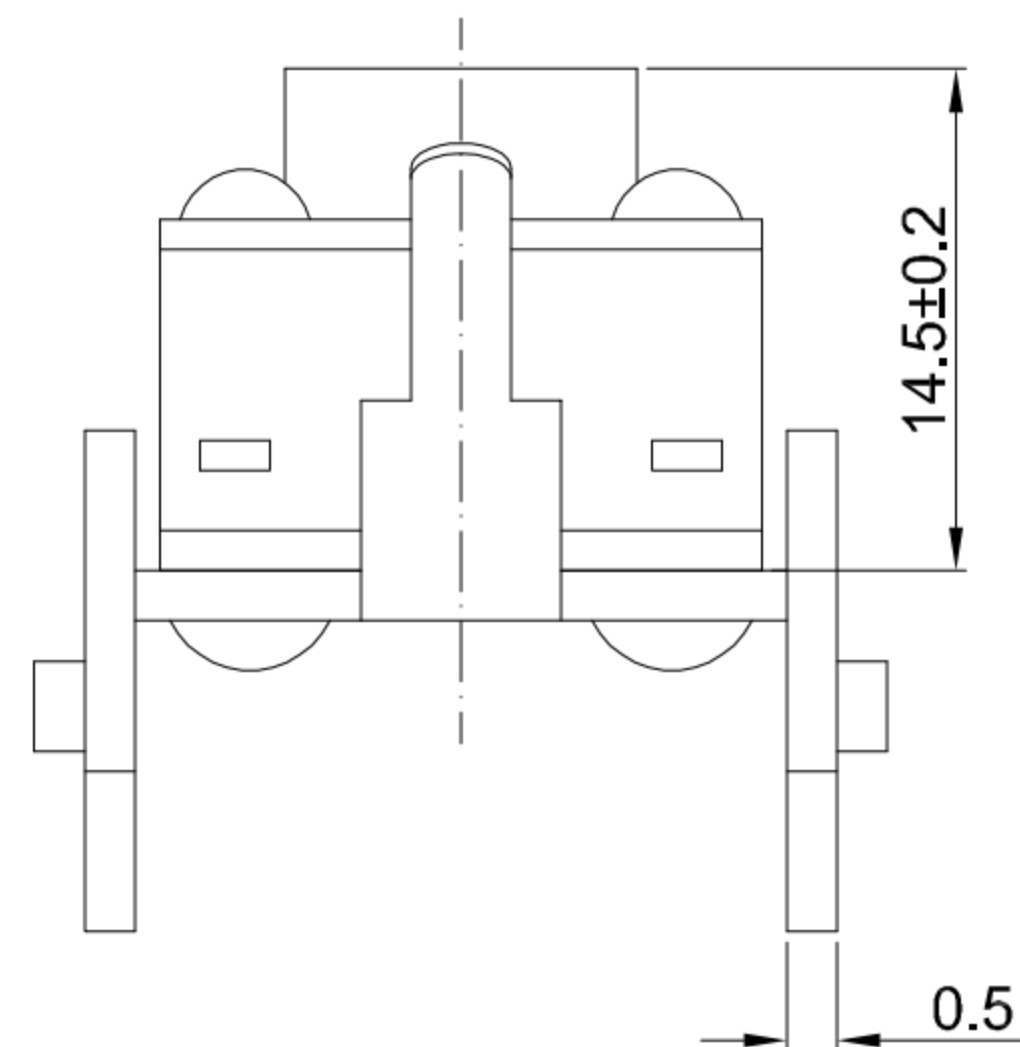




GT-TC102B-H145-L1

G-Switch

Operating Force

A=160gf
B=250gf
C=100gf
D=360gf

Switch Lifetime (Force)

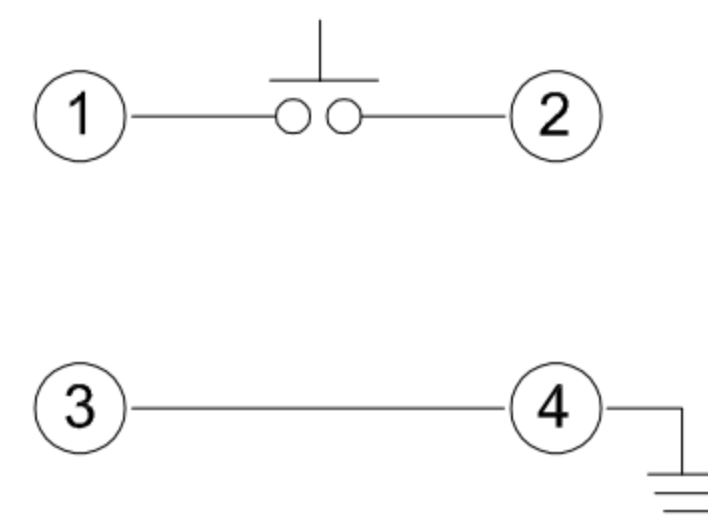
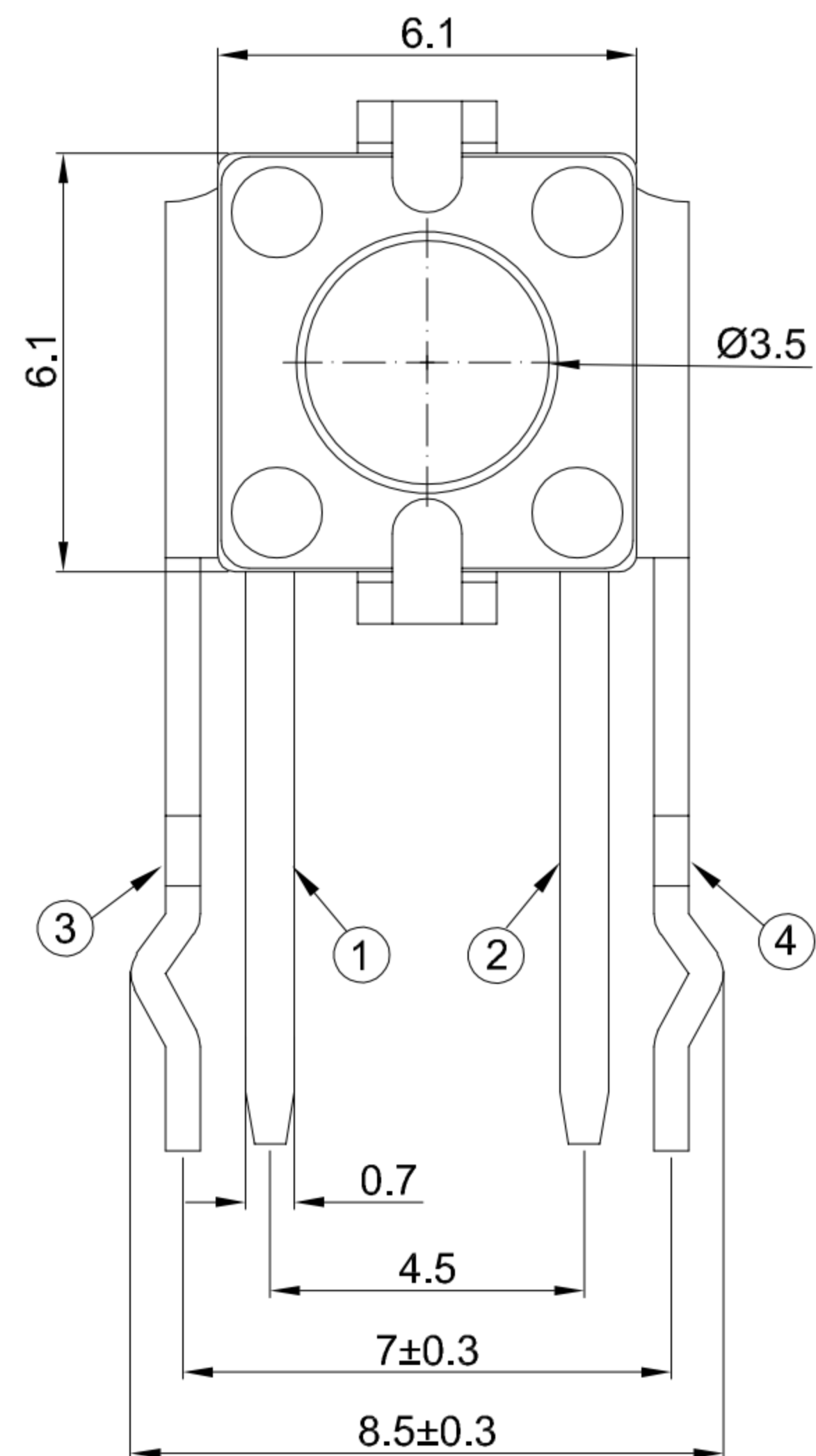
L05=50,000 Cycles
L1=100,000 Cycles
L3=300,000 Cycles
L5=500,000 Cycles

Switch Height

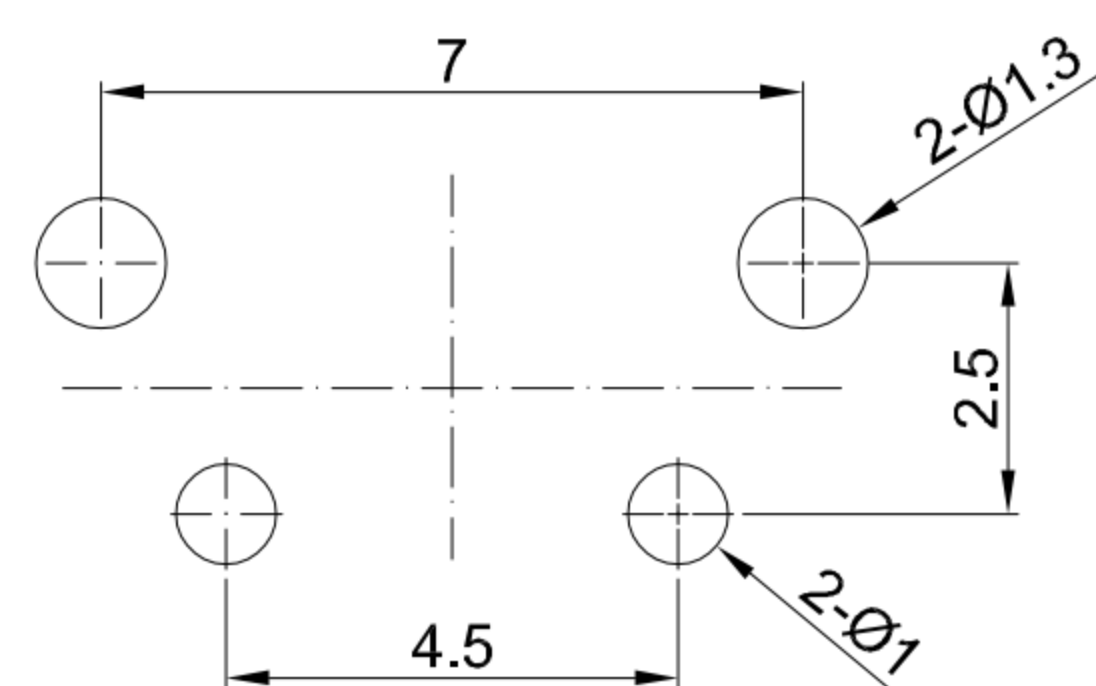
H043=4.3mm	H050=5.0mm
H055=5.5mm	H060=6.0mm
H065=6.5mm	H070=7.0mm
H075=7.5mm	H080=8.0mm
H085=8.5mm	H090=9.0mm
H095=9.5mm	H100=10.0mm
H105=10.5mm	H110=11.0mm
H115=11.5mm	H120=12.0mm
H125=12.5mm	H130=13.0mm
H135=13.5mm	H140=14.0mm
H145=14.5mm	H150=15.0mm
H155=15.5mm	H160=16.0mm
H165=16.5mm	H170=17.0mm
H175=17.5mm	H180=18.0mm
H185=18.5mm	H190=19.0mm

G-Switch Specification:

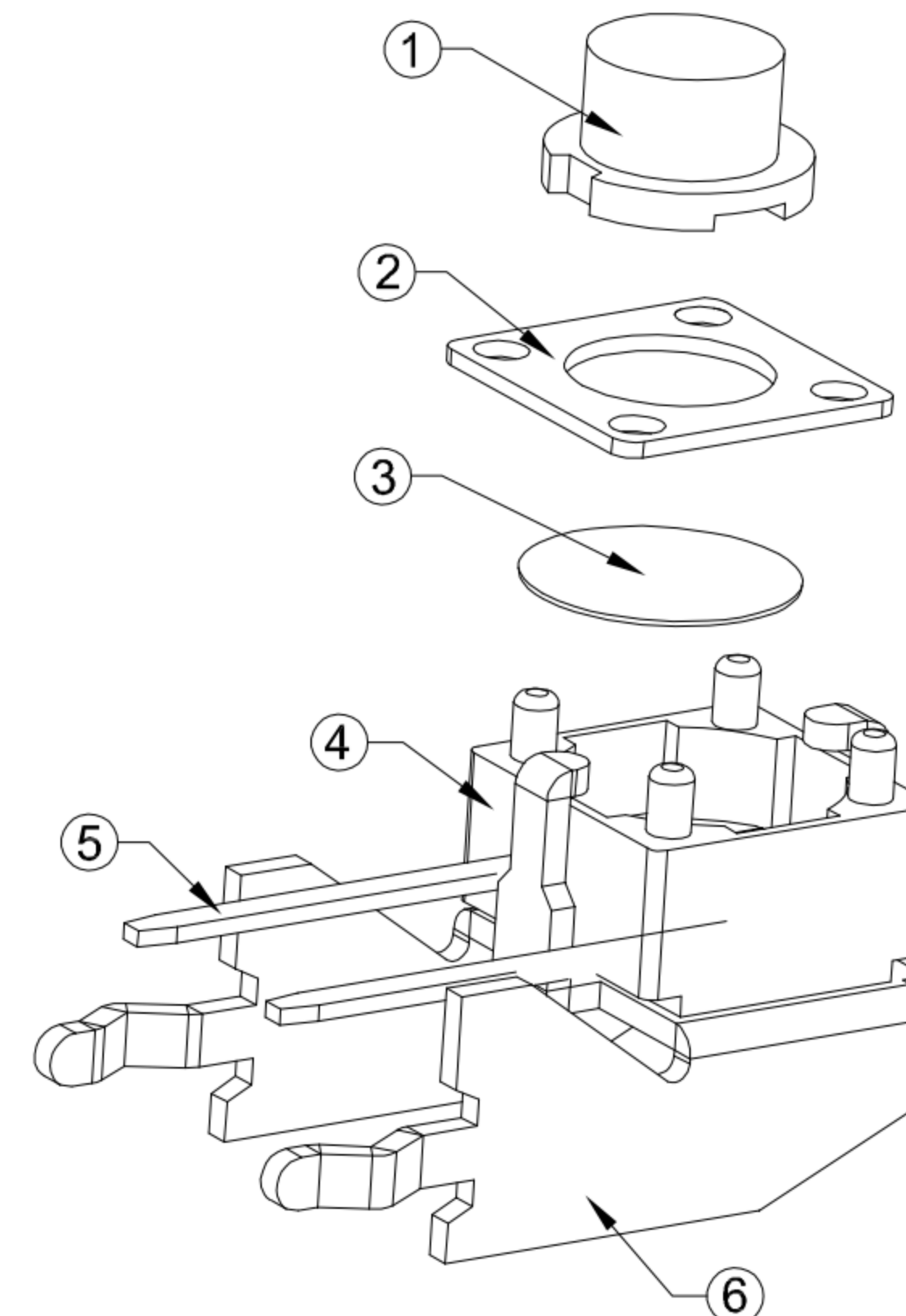
1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA.12V DC
3. Insulation resistance: 100MΩ min.100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 100mΩ max.
6. Travel: 0.25±0.1mm



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



5	SUPPORT	STAINLESS STEEL	Cu/Sn
5	TERMINAL	BRASS	Ag PLATING
4	BASE	PPA	BLACK
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	COVER	STAINLESS STEEL	Cu/Sn
1	STEM	PPA	BLACK
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1		UNIT: mm		Title: Horizontal Tact Switch Support DIP CH=7.5mm 6.1×6.1×14.5mm		 品贊科技® b-Switch www.dg-switch.com	
SIZE: A4							
Unless otherwise General Tolerance:		Molde Code: GT-TC102B-H14.5-L1					
		DRAWN CHECKED APPROVED DATE					
		Xia Chen Chen 2023.02.01					
X. ±0.20		REV: A0		SHEET: 1/1			
X.x ±0.15							
X.xx ±0.05							
X° ±2°							