

1
2
3
4
5

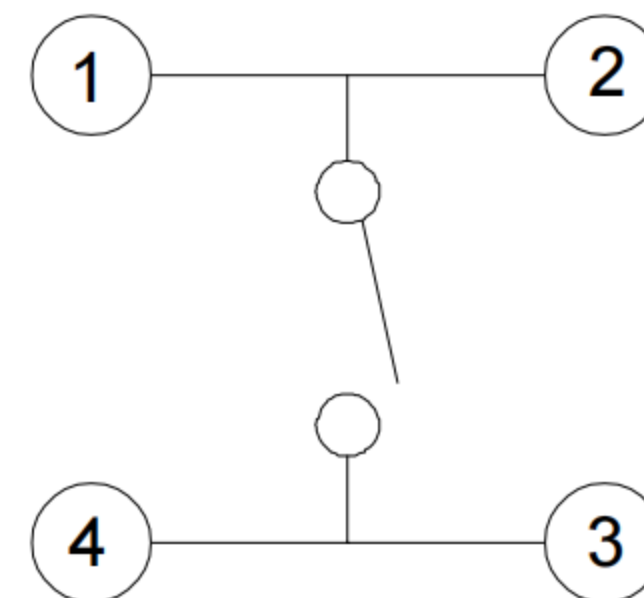
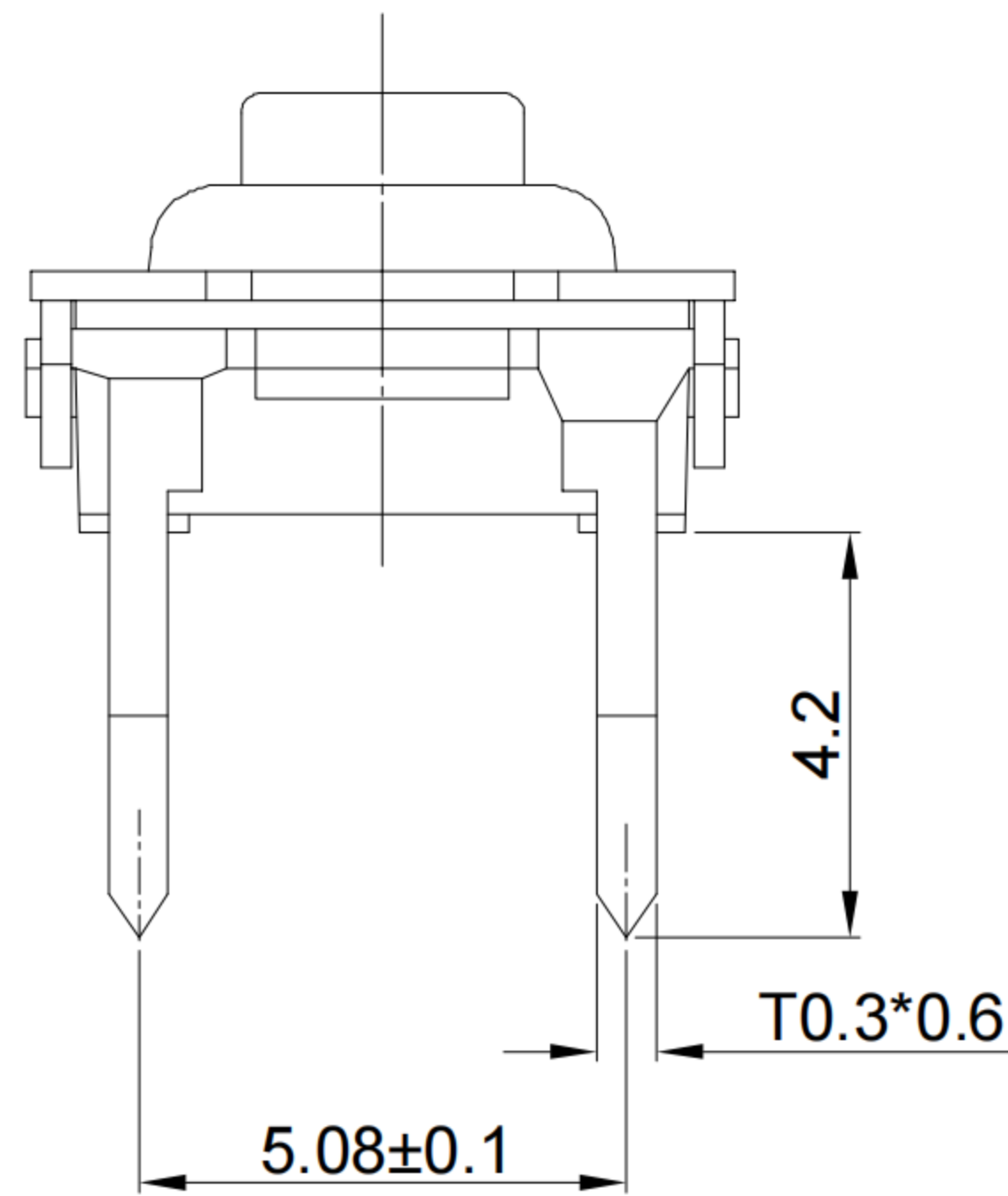
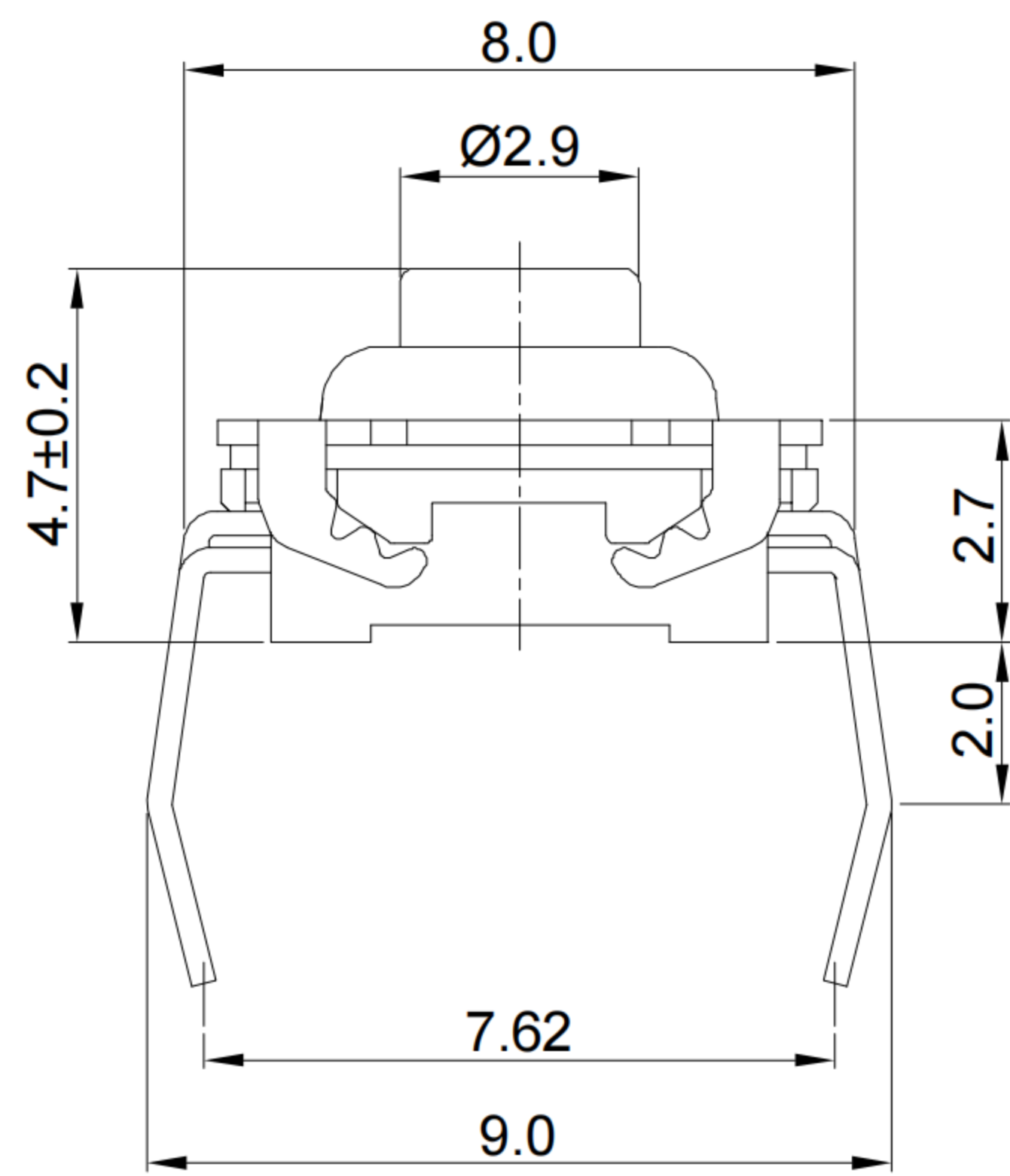
A

B

C

D

E



CIRCUIT DIAGRAM



GT-TA179D-H047-L1

G-Switch

Operating Force

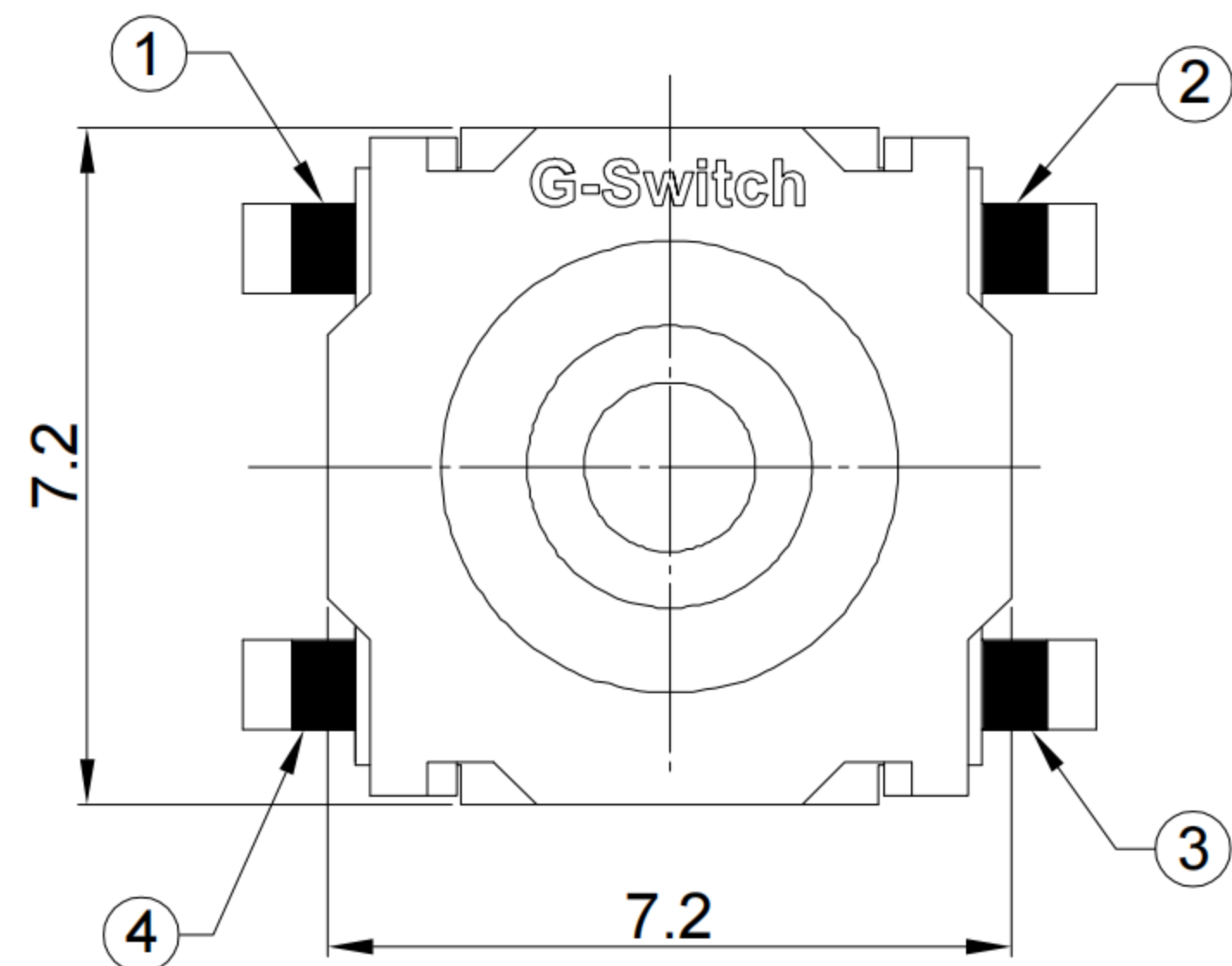
A=130gf
B=300gf
D=500gf

Switch Height

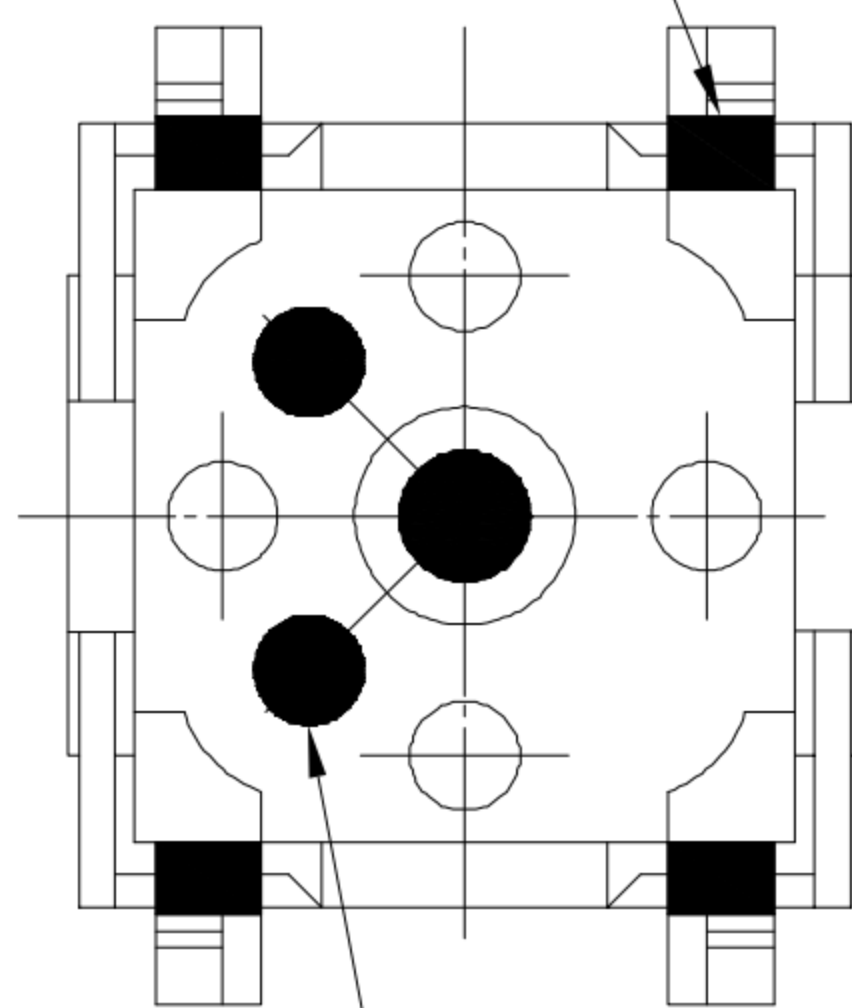
H047=4.7mm
H052=5.2mm
H070=7.0mm
H100=10.0mm

Switch Lifetime (Force)

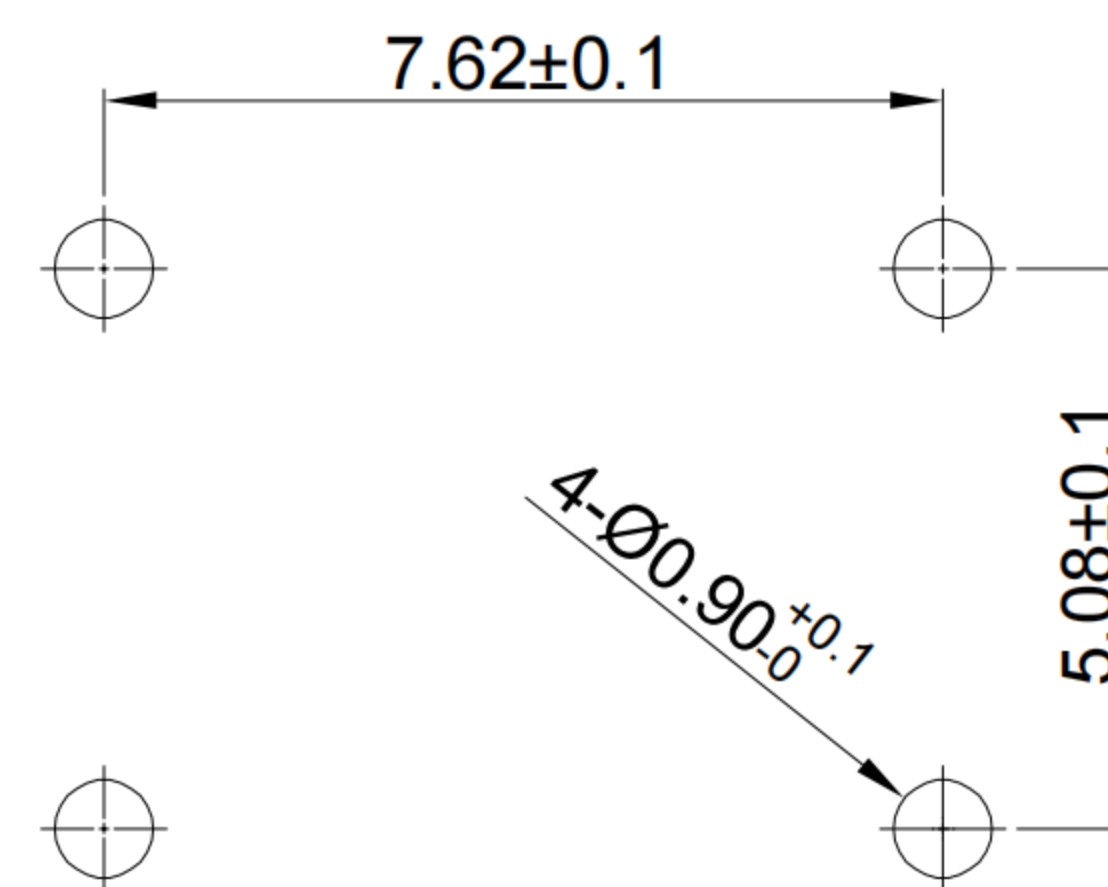
L1=100,000 Cycles



EPOXY(4 PL)



EPOXY(3 PL)

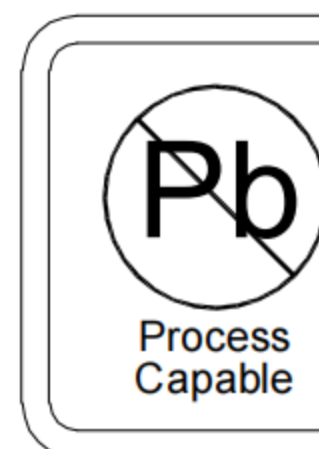


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

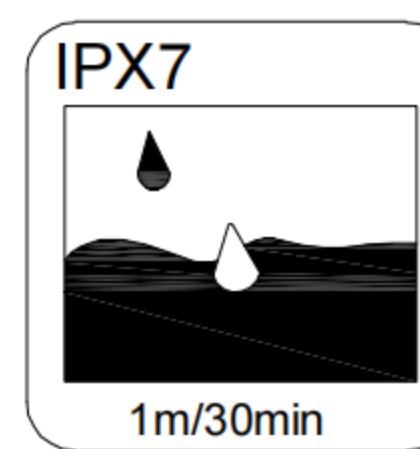
G-Switch Specification:

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: 100m Ω max.
6. Travel: 0.3^{+0.10}_{-0.00}mm
7. Waterproof grade: IPX7

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



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch DIP 7.2×7.2×4.7mm			
SIZE: A4		Molde Code: GT-TA179D-H047-L1			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X° ±5° X.x° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1