

A

B

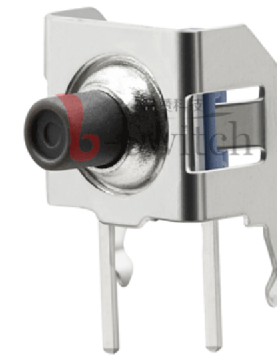
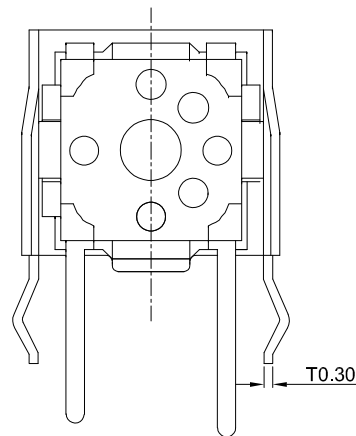
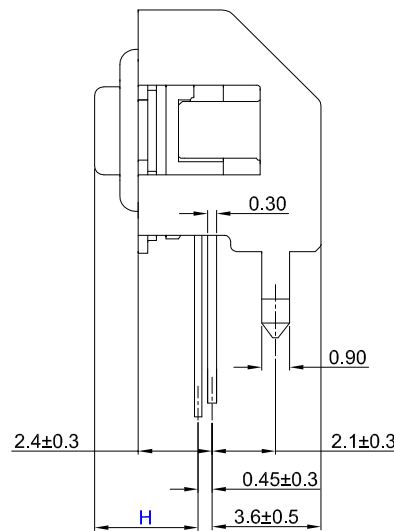
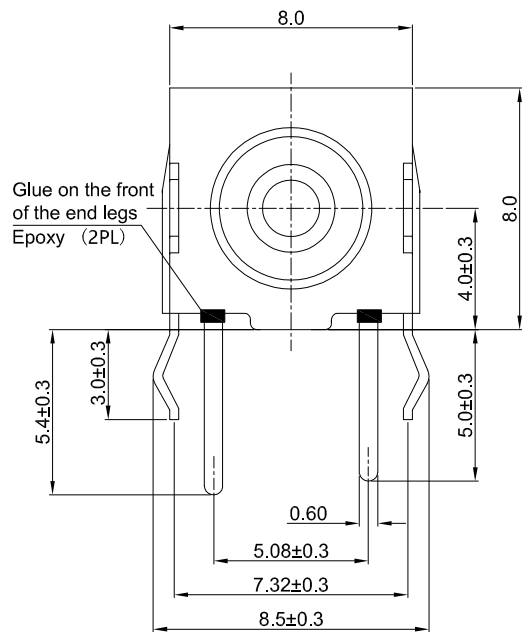
C

D

E

1

1

**GT-TC158X-HXXXX-LX****G-Switch****Operating Force**

A=160±60gf(White)
B=250±80gf(Gray)
C=500±130gf(Red)

Switch Height

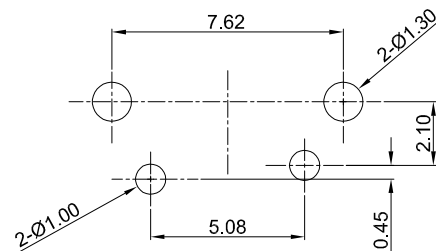
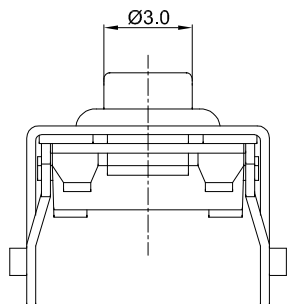
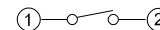
H0325=3.25mm
H0375=3.75mm
H0575=5.75mm
H0875=8.75mm

Switch Lifetime

L1=100,000 Cycles

3

3

**RECOMMENDED PCB LAYOUT****CIRCUIT DIAGRAM**

4

4

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: 0.30±0.2mm
7. Waterproof grade: IPX7

5

5

7	RUBBER	RUBBER	
6	FRAME	C5210	Sn PLATING
5	COVER	SPCC	
4	BUTTON	PA66	
3	CONTACT	SUS	Ag PLATING
2	TERMINAL	C2680	Ag PLATING
1	BASE	PA66	
NO.	PART NAME	MATERIAL	REMARK

A

B

C

D

E



SCALE:	UNIT: mm	Title: Horizontal Tact Switch DIP 8.0×8.0×Hmm			
SIZE: A4		Molde Code: GT-TC158X-HXXXX-LX			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 Angles ±3°		DRAWN	CHECKED	APPROVED	DATE
		Lal	Chen	Chen	2025.10.12
		REV: A0			
		SHEET: 1/1			

