

GT-TC128X-HXXXXX-LX

G-Switch

Operating Force

A=180gf
B=250gf
C=160gf

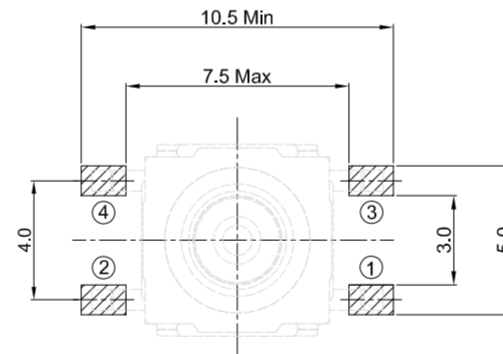
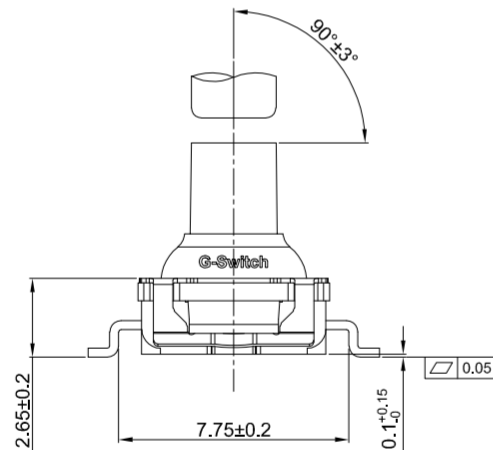
Switch Lifetime (Force)

L3=300,000 Cycles(A, B)
L5=500,000 Cycles(A)

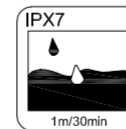
Switch Height (mm)

H072BB=7.2(Black handle and blue pad 160/250gf)
H072RB=7.2(Red handle and blue pad 180gf)
H077RO=7.7(Red-handle and orange pad 180gf)
H077BB=7.7(Black handle and blue pad 250gf)
H077B0=7.7(Black handle and orange pad 250gf)

Keying Tip Tilt



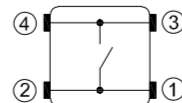
RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



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. Travel: 0.4±0.1mm
7. Waterproof grade: IP67

6	COVER	STAINLESS STEEL	-
5	STEM	HIGH TEMPERATURE PLASTIC	BLACK/RED
4	BASE PLATE	POLYIMIDE	BLUE/ORANGE
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	BASE	HIGH TEMPERATURE PLASTIC	BLACK
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Tact Switch SMT 6.2×6.2×Hmm			
SIZE: A4		Molde Code: GT-TC128X-HXXXXX-LX			
Unless otherwise General Tolerance: X, ±0.40 X.x, ±0.30 X.xx, ±0.20 X*, ±3°		DRAWN	CHECKED	APPROVED	DATE
		Jiang	Xia	Chen	2025.03.24



REV: A0 SHEET: 1/1