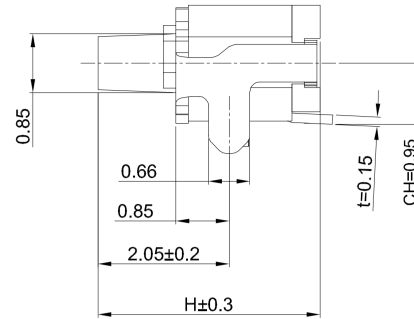
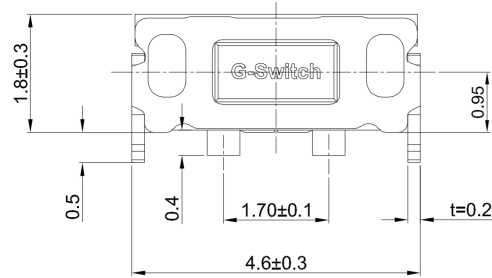




GT-TC020X-HXXX-LX

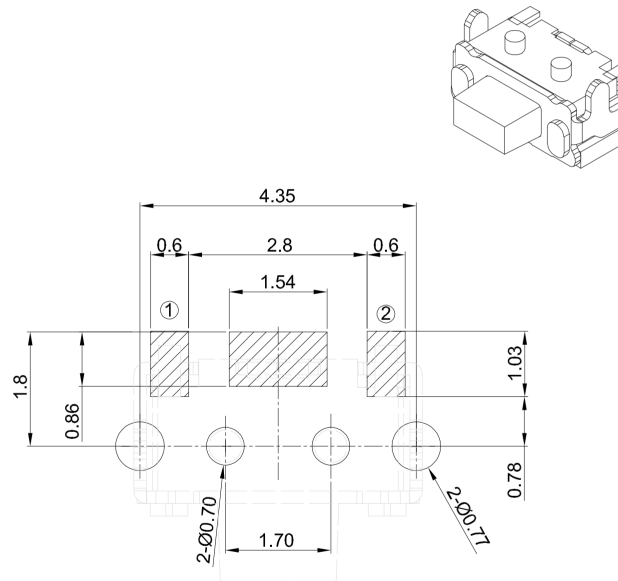
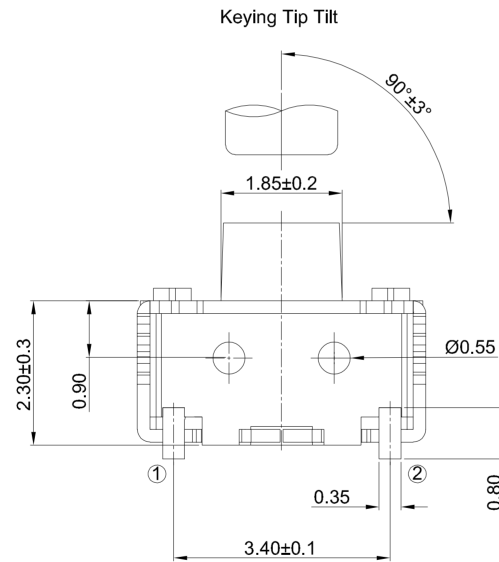
G-Switch

Operating Force

A=180gf
B=250gf
C=100gf
E=130gf

Switch Height (mm)
H035=3.50

Switch Lifetime (Force)
L1=100,000 Cycles



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: 0.20±0.1mm

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

① — ②
CIRCUIT DIAGRAM



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
30 < L ±0.30
10 < L ≤ 30 ±0.20
5 < L ≤ 10 ±0.15
L ≤ 5 ±0.10
X° ±2°

Title: Horizontal Tact Switch
Right CH=0.95 4.6×1.8×Hmm

Molde Code: GT-TC020X-HXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2025.02.01

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b-Switch
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REV: A0 SHEET: 1/1