

GT-TC031X-HXXX-LX A

G-Switch

Operating Force

A=160gf
B=250gf
C=100gf
D=400gf

DETAIL

A=Base With Pilot
N=Non Pilot

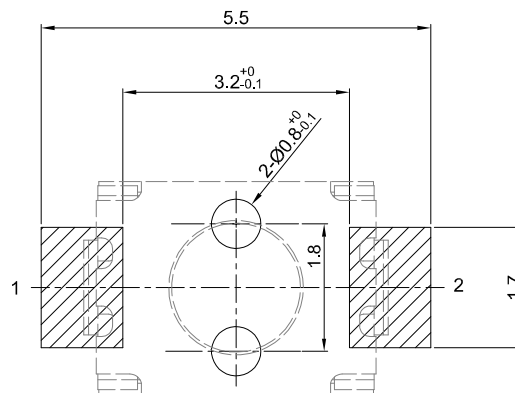
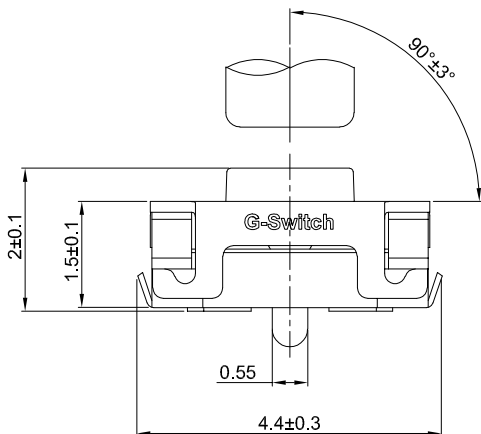
Switch Height (mm)

H018=1.8 (PPA)
H020=2.0 (PPA)
H025=2.5 (PPA)
H030=3.0 (PPA)
H040=4.0 (C2680)

Switch Lifetime (Force)

L1=100,000 Cycles

Keying Tip Tilt

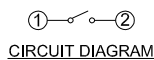


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

- Operating temperature range: -40°C ~ +85°C
- Rating: 50mA, 12V DC
- Insulation resistance: 100MΩ min, 100V DC
- Dielectric strength: 250V AC for 1 min
- Contact resistance: 100mΩ max.
- Travel: 0.2±0.05mm

5	TERMINAL	COPPER ALLOY	Ag PLATING
4	STEM	PPA/C2680	--
3	TAPE	POLYIMIDE	YELLOW (TRANSPARENT)
2	CONTACT	STAINLESS STEEL	Ag PLATING
1	CASE	HIGH TEMPERATURE PLASTIC	--
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards



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, x° ±2°

Title: Vertical Tact Switch
SMT U Type Terminal 4.0×3.0×Hmm

Molde Code: GT-TC031X-HXXX-LXA

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01

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b-Switch
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REV: A0 SHEET: 1/1