

GT-TC096 X- HXXX - LX

G-Switch

Operating Force

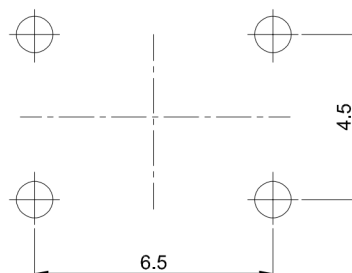
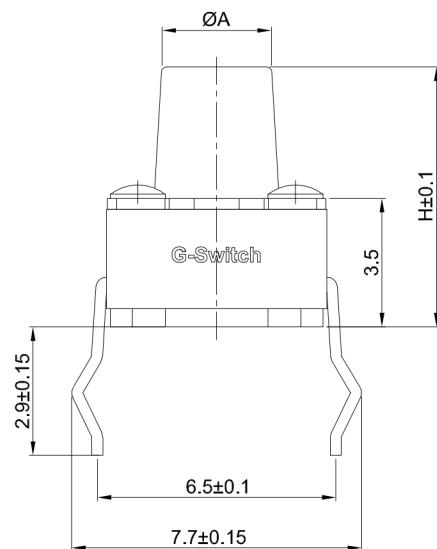
A=160gf
B=250gf
C=100gf
D=70gf
E=130gf
F=320gf
G=400gf

Switch Height

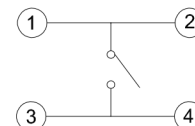
H043=4.3(A3.5) H050=5.0(A3.5)
H055=5.5(A3.5) H060=6.0(A3.5)
H065=6.5(A3.5) H070=7.0(A3.3)
H080=8.0(A3.3) H085=8.5(A3.3)
H090=9.0(A3.3) H095=9.5(A3.0)
H100=10.0(A3.0) H105=10.5(A3.0)
H110=11.0(A3.0) H115=11.5(A3.0)
H120=12.0(A3.0) H125=12.5(A3.0)
H130=13.0(A3.0) H135=13.5(A3.0)
H140=14.0(A3.0) H145=14.5(A3.0)
H150=15.0(A3.0) H155=15.5(A3.0)
H160=16.0(A3.0) H165=16.5(A3.0)
H170=17.0(A3.0) H175=17.5(A3.0)
H180=18.0(A3.0) H185=18.5(A3.0)
H190=19.0(A3.0) H195=19.5(A3.0)
H200=20.0(A3.0) H205=20.5(A3.0)
H210=21.0(A3.0) ...

Switch Lifetime

L05=50,000 Cycles
L1=100,000 Cycles
L3=300,000 Cycles
L5=500,000 Cycles



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



CIRCUIT DIAGRAM

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: 0.25±0.1mm

5	COVER	STAINLESS STEEL	
4	STEM	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
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.25
X.x ±0.20
X.xx ±0.15
X° ±5°
X.x° ±3°

Title: Vertical Tact Switch
SMT Through Hole Terminals 6×6×Hmm

Molde Code: GT-TC096X-HXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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b-Switch
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REV: A0 SHEET: 1/1