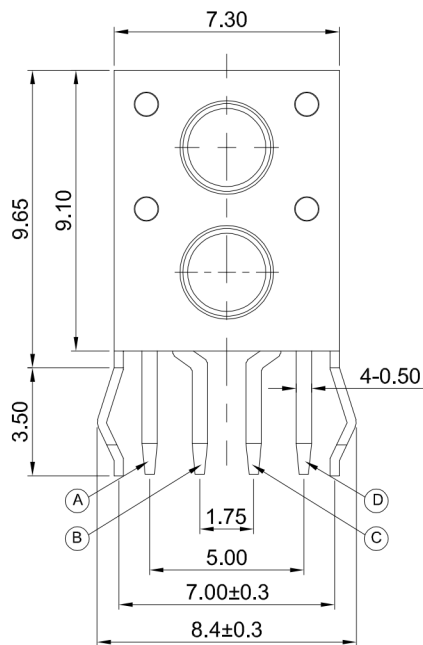
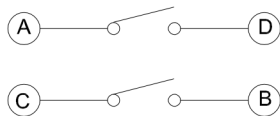
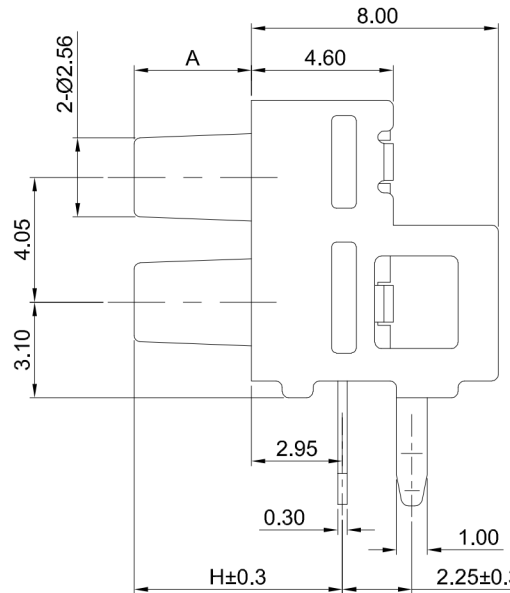
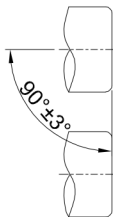
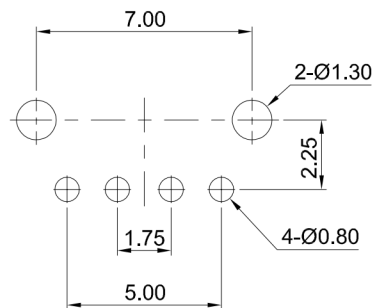




Keying Tip Tilt



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



GT-TC193X-HXXXX-LX

Operating Force

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

Switch Height

H0375=3.75(A1.8)mm
H0675=6.75(A3.8)mm

Switch Lifetime (Force)

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

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: 100m Ω max.
6. Travel: 0.25±0.1mm

7	STEM	PPA	
6	COVER	STAINLESS STEEL	Ag PLATING
5	PRESS PAD	PPA	
4	DUST PAD	RUBBER	
3	TERMINALS FORM	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	CASE	HIGH TEMPERATURE PLASTIC	
NO.	PART NAME	MATERIAL	REMARK



RoHS
Compliant
2002/95/EC



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.30
X.x ±0.20
X.xx ±0.15
X.xxx ±0.10
Angles ±3°

Title: Horizontal Tact Switch SMT
9.1×7.3×Hmm

Molde Code: GT-TC193X-HXXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

品贊科技®
b-Switch

REV: A0 SHEET: 1/1