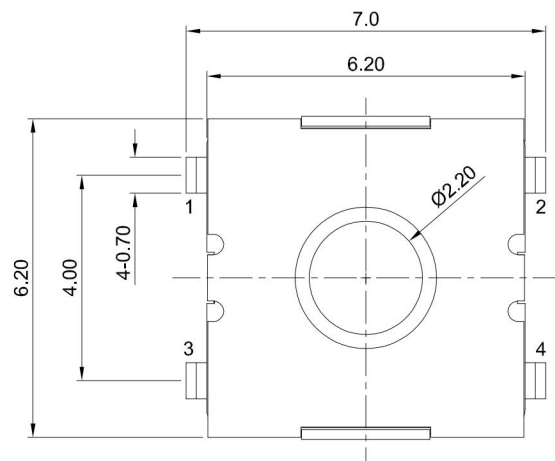


CIRCUIT DIAGRAM



GT-TC063X-HXXX - LX

G-Switch

Operating Force

A=160gf
B=250gf
C=100gf
D=350gf
E=130gf
F=70gf

Switch Height

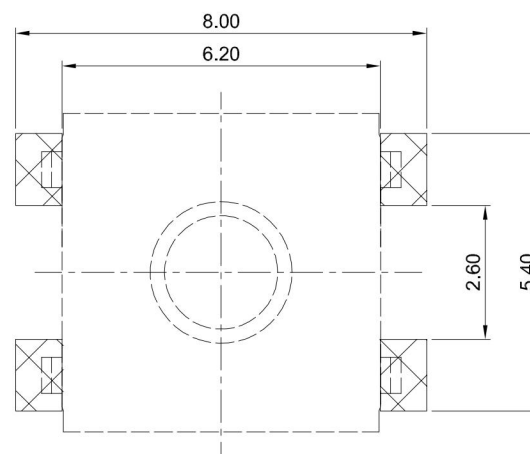
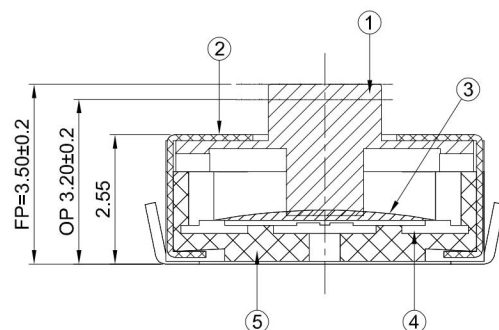
H020=2.0mm
H025=2.5mm
H031=3.1mm
H035=3.5mm

Switch Lifetime (Force)

L1=100,000 Cycles(B、D)
L10=1,000,000 Cycles(A、E)
L30=3,000,000 Cycles(C、E、F)

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA, 12V DC/1mA 1V DC
3. Insulation resistance: 100MΩ min, 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 200mΩ max.
6. Travel: 0.25±0.1mm



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

5	BASE	HIGH TEMPERATURE PLASTIC	PA BLACK
4	TERMINAL	COPPER ALLOY	Ag PLATING
3	CONTACT	STAINLESS STEEL301	Ag PLATING
2	COVER	STAINLESS STEEL301	
1	STEM	HIGH TEMPERATURE RESISTANT SILICONE	GREY
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 U Type 6.2×6.2×Hmm

Molde Code: GT-TC063X-HXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

b-Switch
品赞科技®
www.dg-switch.com

REV: A0 SHEET: 1/1