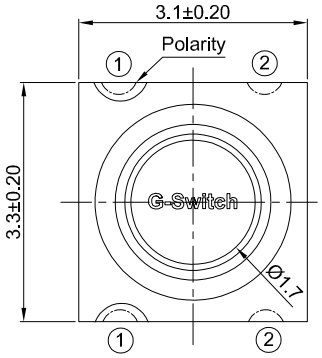
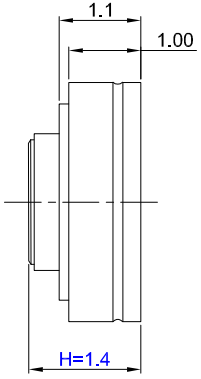
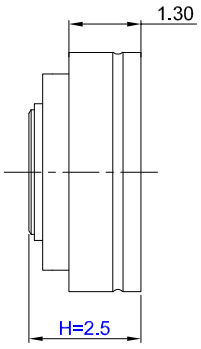




TYPE H014



TYPE H025



GT-TC038X-HXXX-LX

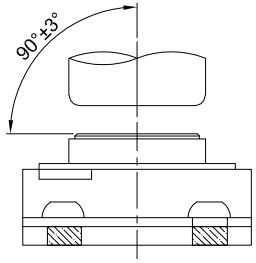
G-Switch

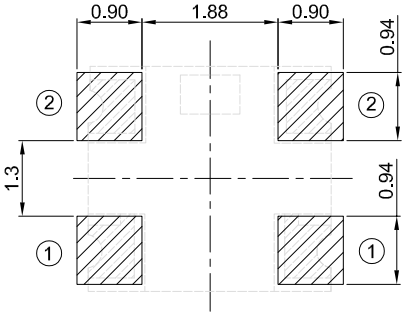
Operating Force
A=180gf
B=250gf
C=100gf

Switch Height (mm)
H014=1.40
H025=2.50

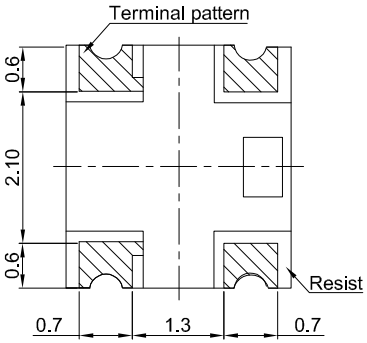
Switch lifetime (Force)
L05=50,000 Cycles(B)
L1=100,000 Cycles(A)
L2=200,000 Cycles(C)

Keying Tip Tilt



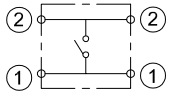


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



G-Switch Specification:
1.Operating temperature range: -40°C ~ +85°C
2.Rating: 50mA.12V DC
3.Insulation resistance: 100MΩ min.
4.Dielectric strength: 250V AC for 1 min
5.Contact Resistance: 100m Ω max.
6.Travel: 0.11±0.1mm(C),0.15±0.1(A、B)
7.Water Resistance: IPX7

NO.	PART NAME	MATERIAL	REMARK
6	STEM	PA	WHITE
5	TAPE	POLYIMIDE	--
4	COVER	STAINLESS STEEL	Ni PLATING
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	BASE	HIGH TEMPERATURE PLASTIC	WHITE
1	TERMINAL	COPPER ALLOY	Ag PLATING



CIRCUIT DIAGRAM



Pb Process Capable

RoHS Compliant 2002/95/EC

SCALE: 9:1	UNIT: mm	Title:	Vertical Tact Switch Falt 3.3×3.1×Hmm
SIZE: A4			
Unless otherwise General Tolerance: X. ±0.40, X.x ±0.30, X.xx ±0.20, X° ±3°		Model Code:	GT-TC038X-HXXX-LX

DRAWN	CHECKED	APPROVED	DATE
Lal	Xla	Chen	2025.02.01

品赞科技 b-Switch www.dg-switch.com

REV: A0 SHEET: 1/1