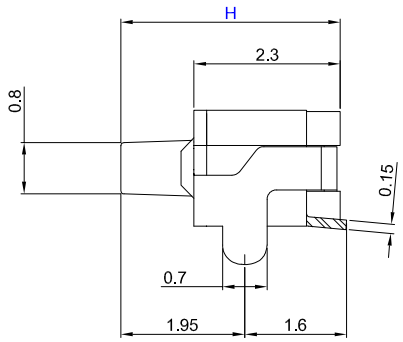






GT-TC019X-HXXX-LX

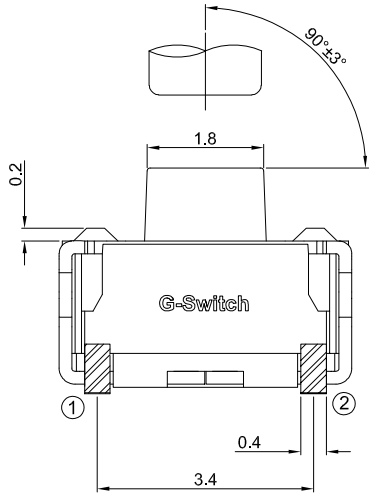
G-Switch

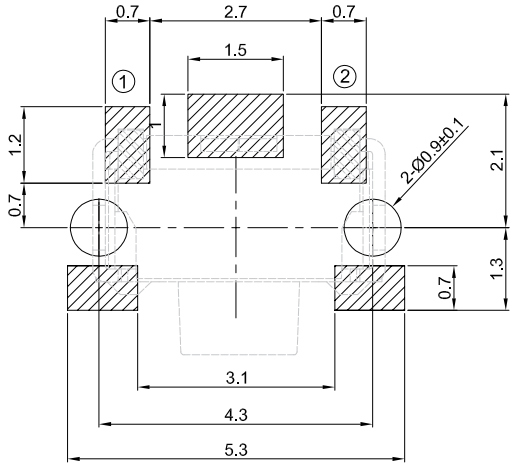
Operating Force
A=180gf
B=250gf
D=360gf
E=140gf
S=160gf

Switch Height (mm)
H035=3.50

Switch Lifetime (Force)
L05=50,000 Cycles
L1=100,000 Cycles
L2=200,000 Cycles

Keying Tip Tilt

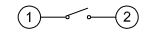




RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:
1.Operating temperature range: -40°C ~ +85°C
2.Rating: 50mA.12V DC
3.Insulation resistance: 100MΩ min.100V DC
4.Dielectric strength: 250V AC for 1 min
5.Contact resistance: 100mΩ max.
6.Travel: 0.20±0.1mm

NO.	PART NAME	MATERIAL	REMARK
5	TERMINAL	COPPER ALLOY	Ag PLATING
4	BASE	LCP	YELLOW
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	COVER	COPPER ALLOY	Ag PLATING
1	STEM	LCP	BLACK



CIRCUIT DIAGRAM

Pb Process Capable
RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	Horizontal Tact Switch SMT 4.6×1.82×Hmm
SIZE: A4			
Unless otherwise General Tolerance:		Molde Code:	GT-TC019X-HXXX-LX
X. ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±3°			

DRAWN	CHECKED	APPROVED	DATE
Lal	Chen	Chen	2025.10.22

品赞科技 G-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1