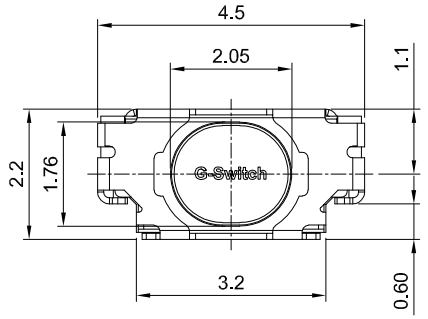
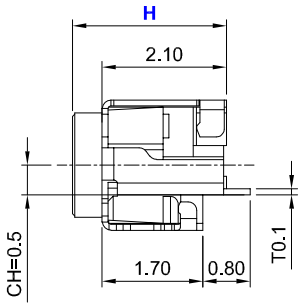
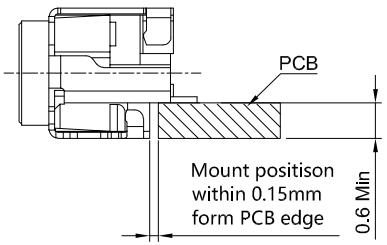








GT-TA191X-HXXX-LX

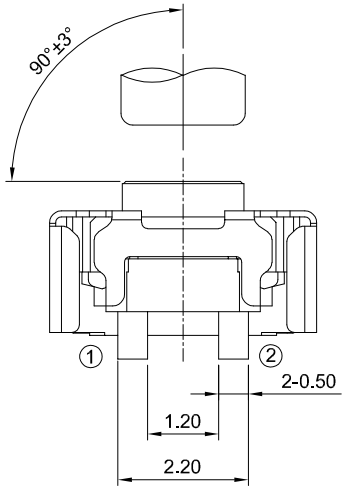
G-Switch

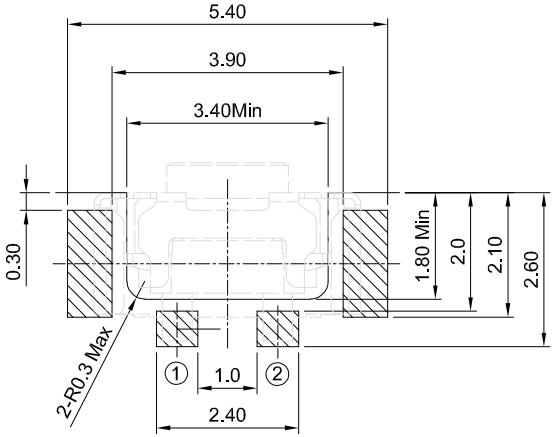
Operating Force
A=160gf
B=220gf

Switch Height (mm)
H026=2.60

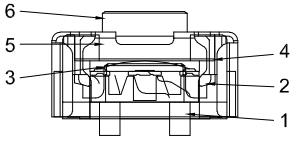
Switch Lifetime
L1=100,000 Cycles
L6=600,000 Cycles

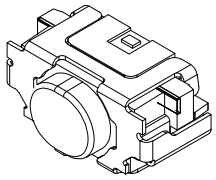
Keying Tip Tilt





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: 0.15±0.10mm

NO.	PART NAME	MATERIAL	REMARK
6	COVER	SUS304	Ag PLATING
5	TAPE	PI	YELLOW
4	BUTTON	PPA	BLACK
3	CONTACT	SUS301	Ag PLATING
2	TERMINAL	PHOSPHOR COPPER	Ag PLATING
1	BASE	HIGH TEMPERATURE PLASTIC	LCP BLACK



CIRCUIT DIAGRAM

Pb Process Capable
RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	Horizontal Tact Switch SMT 4.5×2.2×Hmm
SIZE: A4			
Unless otherwise General Tolerance:		Molde Code:	GT-TA191X-HXXX-LX
X. ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±3°			

DRAWN	CHECKED	APPROVED	DATE
Lai	Chen	Chen	2025.11.13

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1