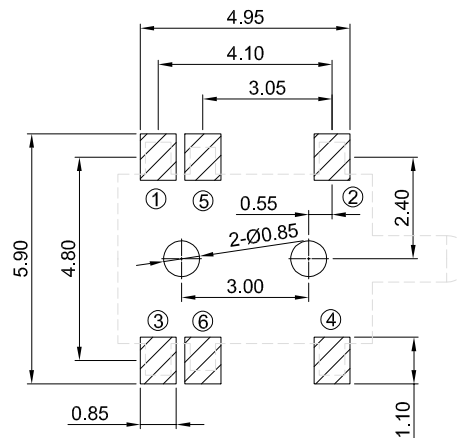
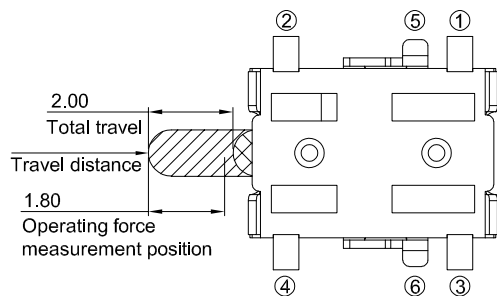
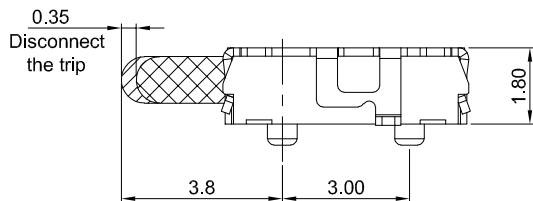
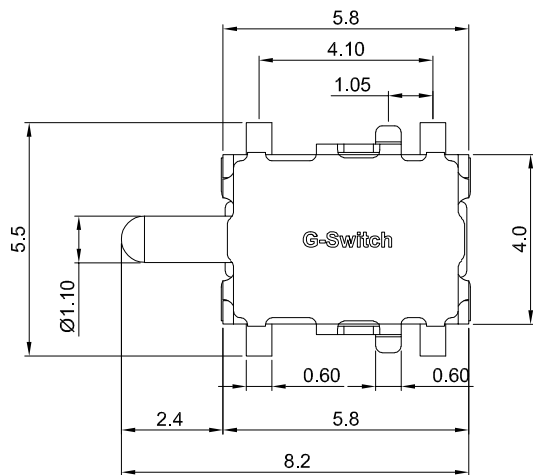
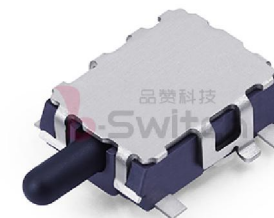
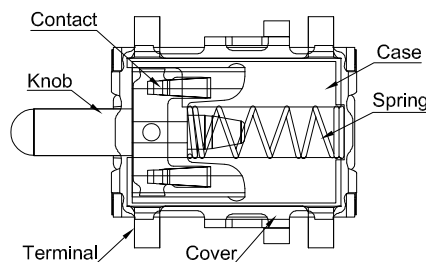
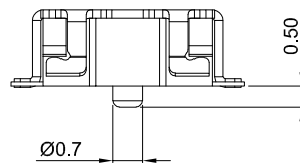




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



DS - S B008A-H082-L1 A

Detector Switch

Installation
S=SMT

Structure
A=Normally open switch
B=Normally closed switch

Operating Force
A=100±30gf

Switch Height(mm)
H082=8.2

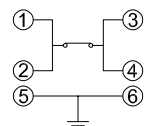
Switch Lifetime
L1=100,000 Cycles

Detail
A=With Pilot

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 50mA.5V DC
3. Insulation resistance: 100MΩ min, 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 500mΩ max.
6. Travel: 2.0±0.3mm

6	CONTACT	C5210	Ag PLATED
5	COVER	C7521	-
4	SPRING	STAINLESS STEEL	NATURAL
3	TERMINAL	C5191	Ag PLATED
2	BASE	HIGH TEMPERATURE PLASTIC	LCP BLACK
1	PLUNGER	HIGH TEMPERATURE PLASTIC	PA BLACK
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

X..x ±0.40
X..xx ±0.35
X..xxx ±0.20
X* ±2°

Title: Horizontal Detector Switch
SMT 5.8×4.0×H8.2mm

Molde Code: DS-SB008A-H082-L1A

DRAWN	CHECKED	APPROVED	DATE
Lai	Chen	Chen	2025.07.30

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1