

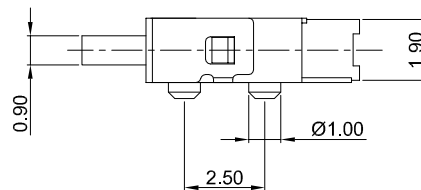
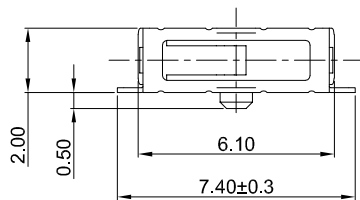
1

2

3

4

5



DS - S A009A-H0685-L03 A

Detector Switch

Installation
S=SMT

Structure
A=Right grip handle
B=Left grip handle

Operating Force
A=100gf Max

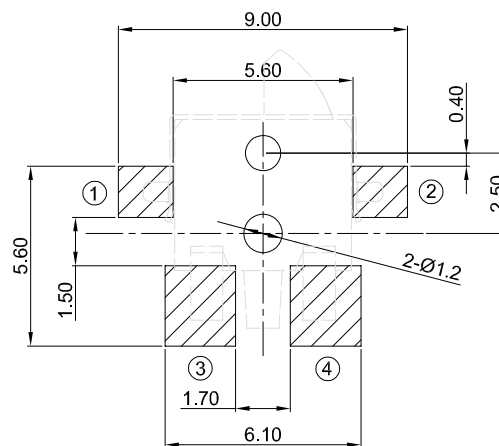
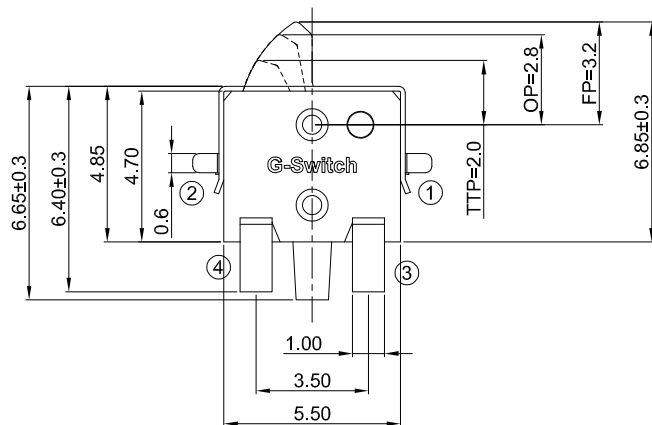
Switch Height(mm)
H0685=6.85

Switch Lifetime
L03=30,000 Cycles

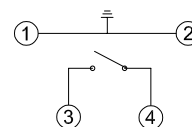
Detail
A=With Pilot

G-Switch Specification:

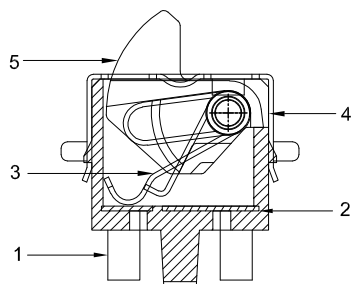
1. Operating temperature range: -30°C ~ +85°C
2. Rating: 50mA.5V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 250V AC for 1 min
5. Contact resistance: 1.0Ω max.
6. Travel: 0.5±0.3mm



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



CIRCUIT DIAGRAM



5	PLUNGER	HIGH TEMPERATURE PLASTIC	PPA BLACK
4	COVER	C5210	Tin PLATED
3	CONTACT	STAINLESS STEEL	Ag PLATED
2	BASE	HIGH TEMPERATURE PLASTIC	PPA BLACK
1	TERMINAL	C5210	Ag PLATED
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1	UNIT: mm	Title: Horizontal Detector Switch SMT 6.10×4.85×H6.85mm			
SIZE: A4		Molde Code: DS-SA009A-H0685-L03A			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Lai	Xia	Chen	2025.07.30
X..x	±0.40	REV: A0			
X..xx	±0.30	SHEET: 1/1			
X..xxx	±0.20				
X*	±3°				

