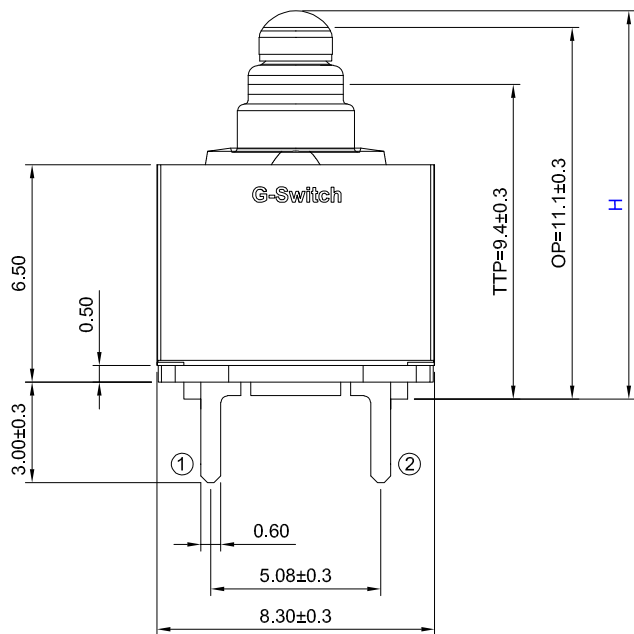
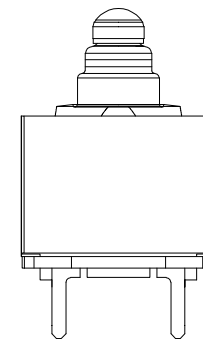


PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



DS - D B020A-H116-L3 N

Detector
Switch

Installation
D=Dip

Structure
B=Normally Closed

Operating Force
A=100gf

Switch Height(mm)
H116=11.6

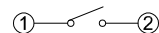
Switch Lifetime
L3=300,000 Cycles

Detail
N=Non Pilot

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 0.1A, 12V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 500V AC for 1 min
5. Contact resistance: 500mΩ max.
6. Travel: 0.50±0.3mm

7	COVER	PBT	BLACK
6	CAP	SILICONE	GREY
5	BUTTON	POM	BLACK
4	CONTACT PIECE	C1720	
3	SPRING	SUS	
2	BASE	PBT	WHITE
1	TERMINAL	C2680	Ag PLATED
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



SCALE: 1:1	UNIT: mm	Title: Vertical Detector Switch DIP 8.30×5.30×6.5mm			
SIZE: A4		Molde Code: DS-DB020A-H116-L3N			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X* ±3°		DRAWN	CHECKED	APPROVED	DATE
		Lai	Chen	Chen	2025.09.14
		REV: A0			
		SHEET: 1/1			

