

DS - S A007A-HXXX-L05 N

Detector Switch

Installation
S=SMT

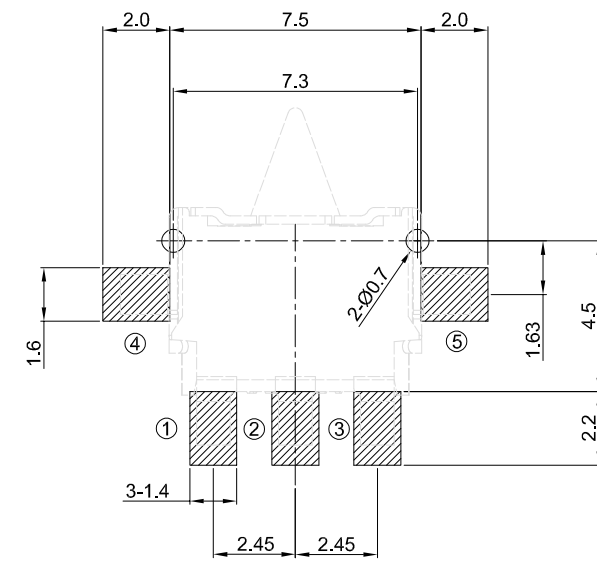
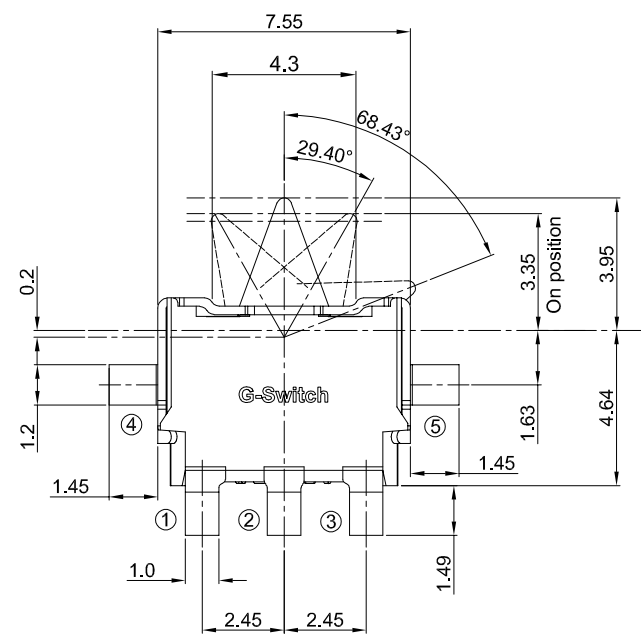
Structure
A=Shrapnel contact

Operating Force
A=35gf Max

Switch Height(mm)
H0859=8.59

Switch Lifetime
L05=50,000 Cycles

Detail
N=Without Pilot

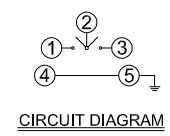


PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

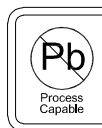
G-Switch Specification:

- 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: 1.4±0.5mm

6	COVER	STAINLESS STEEL	Ni PLATED
5	STEM	HIGH TEMPERATURE PLASTIC	PA
4	GASKET	HIGH TEMPERATURE PLASTIC	PA
3	CONTACT	PHOSPHOR COPPER	Ag PLATED
2	TERMINAL	PHOSPHOR COPPER	Ag PLATED
1	BASE	HIGH TEMPERATURE PLASTIC	PA
NO.	PART NAME	MATERIAL	REMARK



CIRCUIT DIAGRAM



RoHS
Compliant
EU RoHS Standards

SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X* ±3°

Title: Horizontal Detector Switch
SMT 7.55×5.61×H3.00mm

Molde Code: DS-SA007A-H0859-L05N

DRAWN	CHECKED	APPROVED	DATE
Lai	Chen	Chen	2025.07.30



品赞科技
www.dg-switch.com

REV: A0 SHEET: 1/1